



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### (i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

### (ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### (iii) ACCEPTANCE –

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### (iv) OPPOSITION –

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### (v) GRANTING –

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### (vi) CERTIFICATION

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018** All

patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

**NOTE:** Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234. A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

<p><b>NOTE:</b> When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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## Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

## Using the Indices To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete application filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.



### 1. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

### 3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## 'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

#### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

#### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

#### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

#### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.

(43) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

**(50) Technical Information**

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

**(70) Identification of parties concerned with the document**

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

(86) PCT Application Number

(87) PCT Publication Number

**NOTE**

(1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022      Volume 1 - 36
- 2023 -            Volume 57 -

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 4 January 2024**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Bioverativ Therapeutics Inc. [2023] APO 64***

Patent Application: 2022228110

Title: Factor IX polypeptide formulations

Patent Applicant: Bioverativ Therapeutics Inc

Delegate: Felix White

Decision Date: 14 December 2023

Hearing Date: 13 September 2023, by videoconference

Catchwords: **PATENTS** – extension of time – request for extension of time under s223(2)(a) to file a divisional application – error or omission – erroneous understanding of eligibility for patent term extension – whether error prevented formation of intention to carry out relevant act – whether error frustrated existing strategic intention – determination of strategic intention – request refused

Representation: Katrina Crooks & Daniel Sieveking, Spruson & Ferguson

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 4 January 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Silvano D'Ambrosio v SDI Limited* [2023] APO 65

Patent Application: 2019217656

Title: Silver fluoride solutions for dental compositions

Patent Applicant: SDI Limited

Opponent: Silvano D'Ambrosio

Delegate: Leslie. F. McCaffery

Decision Date: 14 December 2023

Hearing Date: 5 October 2023 by videoconference

Catchwords: **PATENTS** – opposition to the grant of a patent under section 59 – novelty – “whole of contents” novelty – inventive step – evidence in relation to sales and public disclosure – evidence adduced does not establish what was conveyed to the public – clear enough and complete enough disclosure – none of the grounds have been made out – opposition unsuccessful – costs awarded against the opponent.

Representation: Patent attorney for the applicant: Daniel Beck, Zhi Ling Zeng and Gary Cox of Wrays.  
Silvano D'Ambrosio was self-represented at the hearing.

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 4 January 2024**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***James Hardie Technology Limited v Etex Services NV [2023] APO 66***

Patent Application: 2018382935

Title: Colored fiber cement products and methods for the production thereof

Patent Applicant: Etex Services NV

Opponent: James Hardie Technology Limited

Delegate: Dr S. J. Smith

Decision Date: 19 December 2023

Hearing Date: Written submissions completed on 5 September 2022

Catchwords: **PATENTS** – section 59 – opposition to the grant of a patent – grounds of manner of manufacture, inventive step, utility, sufficiency, support and best method – some claims lack inventive step – grounds of manner of manufacture, utility, sufficiency, support and best method not made out – costs awarded against applicant

Representation: Patent attorney for the applicant: Phillips Ormonde Fitzpatrick  
Solicitor/patent attorney for the opponent: Spruson & Ferguson

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Dec 2023 .

(71) AdraCard Pty Ltd (21) 2023904120 (22) 19.12.2023 (54) Device for administering a drug	(71) Avecho Biotechnology Ltd (21) 2023904126 (22) 19.12.2023 (54) Cannabinoid compositions	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904045 (22) 13.12.2023 (54) Apparatus and Method for Analysing Sample
(71) Agriculture Victoria Services Pty Ltd; Horticulture Innovation Australia Limited (21) 2023904089 (22) 15.12.2023 (54) COMPOSITIONS, METHODS AND DEVICES FOR CONTROL AND MONITORING INSECTS	(71) BAE SYSTEMS plc (21) 2023904069 (22) 15.12.2023 (54) Adjustable penetration cover	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904100 (22) 18.12.2023 (54) A FLOTATION COLLECTOR COMPOSITION AND FLOTATION METHOD
(71) Allied Beverages Holdings Pty Ltd (21) 2023904114 (22) 19.12.2023 (54) Beverage Shaker and Associated Methods	(71) Bernobich, R. (21) 2023904051 (22) 14.12.2023 (54) Chassis lowering mechanism	(71) CONTOLEON, G. (21) 2023904048 (22) 13.12.2023 (54) ELECTRIC MOTOR ASSIST FOR BICYCLES OR SCOOTERS WITH IN-TRAVEL RE-CHARGE CAPABILITY
<b>Andrews, S. see Thornton, M.</b> (21) 2023904113	(71) Bimini Block Pty Ltd (21) 2023904043 (22) 13.12.2023 (54) Process of manufacturing Tile Key	(71) Copper Care Wood Preservatives, Inc. (21) 2023904065 (22) 15.12.2023 (54) Timber utility pole preservation
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023904044 (22) 13.12.2023 (54) Mineral-based media and methods of application of the same for beneficial use of thermal particulate residue	(71) Boon, W. (21) 2023904067 (22) 15.12.2023 (54) Retrofit security barrier for caravan windows	(71) Croft, T. (21) 2023904095 (22) 17.12.2023 (54) Recovery and concentration of gold and Platinum Group Metals
(71) Austin, K. (21) 2023904038 (22) 13.12.2023 (54) Travel case and cart assembly	(71) BREAS MEDICAL AB (21) 2023904054 (22) 14.12.2023 (54) A MASK FOR DELIVERING PRESSURISED AIR TO A USER	(71) CALLEN HOLDINGS PTY LIMITED (21) 2023904052 (22) 14.12.2023 (54) Inverter Assembly & Electrical Protection Arrangement therefor
(71) Austin, M. (21) 2023904039 (22) 13.12.2023 (54) Shock absorber	(71) Caroma Industries Limited (21) 2023904040 (22) 13.12.2023 (54) A plumbing device	(71) CSL Behring AG (21) 2023904037 (22) 13.12.2023 (54) Methods of monitoring parameters in solution
(71) Australasian Building Solutions (NZ) Pty Ltd (21) 2023904053 (22) 14.12.2023 (54) Novel Business Method Process using innovative Vehicle/Tool	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904034 (22) 13.12.2023 (54) FLUID QUALITY MONITORING	(71) EHS Manufacturing Pty Ltd (21) 2023904062 (22) 14.12.2023 (54) HARVESTOR ACCESSORY
		(71) Engender Technologies Limited (21) 2023904077 (22) 15.12.2023 (54) CELL SELECTION TIMING AND TARGETING METHODS

Provisional Applications Filed - Name Index cont'd

(71) Fitpac Pty Ltd (21) 2023904081 (22) 15.12.2023 (54) Locking mechanism for a resistance selection system	(71) Hysata Pty Ltd (21) 2023904108 (22) 19.12.2023 (54) Power Supply for Electro-Synthetic or Electro-Energy Cells	(71) Kluttz, S. (21) 2023904088 (22) 15.12.2023 (54) Invisible 3D decoration hanging system.
(71) Ganino, A. (21) 2023904115 (22) 19.12.2023 (54) Detecting unauthorized removal or tampering.	(71) Icon23 Pty Ltd (21) 2023904079 (22) 15.12.2023 (54) A beverage container assembly	(71) Krisohos, G. (21) 2023904071 (22) 15.12.2023 (54) Structural cladding
(71) Glogala Pty Limited (21) 2023904083 (22) 15.12.2023 (54) Apparatus to generate work or energy	(71) Icon23 Pty Ltd (21) 2023904080 (22) 15.12.2023 (54) A takeaway food container assembly	(71) MATLOOB, M. (21) 2023904072 (22) 15.12.2023 (54) Rewarded Music Licensing. Rewarding brands and the wider public for using music in a revenue share model.
(71) Glogala Pty Limited (21) 2023904084 (22) 15.12.2023 (54) Apparatus to generate work or energy	(71) Jeffs, R. (21) 2023904050 (22) 14.12.2023 (54) Recovery operation windscreen protection	(71) McNally, J. (21) 2023904073 (22) 15.12.2023 (54) TRAINING AID FOR CRICKET BAT
(71) Glogala Pty Limited (21) 2023904085 (22) 15.12.2023 (54) Improved apparatus to generate work or energy	(71) Jennings, S. (21) 2023904075 (22) 15.12.2023 (54) Medical record referral routing and data access control system	(71) Mine Timber Technology (Int) Pty Ltd (21) 2023904078 (22) 15.12.2023 (54) Improvements in or in relation to mine roof support cribs
(71) Gram Engineering Pty Ltd (21) 2023904118 (22) 19.12.2023 (54) A PANEL AND METHOD OF FABRICATING A PANEL	(71) JETT GLOBAL HOLDINGS PTY LTD (21) 2023904117 (22) 19.12.2023 (54) Modular Interlocking Expandable Plant Trellis	(71) Monash University (21) 2023904047 (22) 14.12.2023 (54) An Induction Coil Assembly
(71) Gram Engineering Pty Ltd (21) 2023904119 (22) 19.12.2023 (54) A PANEL AND METHOD OF FABRICATING A PANEL	(71) Joe Santa & Associates Pty Limited (21) 2023904104 (22) 18.12.2023 (54) System for controlling operation of a pump	(71) Neoglaze Pty Ltd (21) 2023904076 (22) 15.12.2023 (54) Window Panel
(71) Gunarathna, B.; Ratnayake, N. (21) 2023904094 (22) 17.12.2023 (54) Building and Construction Aid and Method	(71) Johan, H. (21) 2023904096 (22) 18.12.2023 (54) SYSTEM AND METHOD FOR FACILITATING USERS TO REVIEW, AND INVEST IN, THE SERVICES PROVIDED BY FITNESS PROFESSIONALS	(71) Nunhems B.V. (21) 2023904060 (22) 14.12.2023 (54) Lettuce Variety NUN 01317 LTL
(71) HALTER USA INC (21) 2023904068 (22) 15.12.2023 (54) LIVESTOCK GUIDANCE DEVICE AND METHOD THEREFOR	(71) Kannapat Anthony, J. (21) 2023904092 (22) 16.12.2023 (54) AI-Driven, Semantically Aware, Freeform, Modular and Agentic Cognitive Modelling System	(71) Nunhems B.V. (21) 2023904061 (22) 14.12.2023 (54) Lettuce Variety NUN 06823 LTL
(71) HALTER USA INC (21) 2023904070 (22) 15.12.2023 (54) LIVESTOCK GUIDANCE DEVICE AND METHOD THEREFOR	(71) KC8 CAPTURE TECHNOLOGIES LTD (21) 2023904090 (22) 15.12.2023 (54) A PROCESS AND PLANT	(71) Nunhems B.V. (21) 2023904063 (22) 14.12.2023 (54) Lettuce Varieties NUN 06620 LTL, NUN 06623 LTL, and NUN 06832 LTL
(71) Hancock, B. (21) 2023904129 (22) 19.12.2023 (54) PAINT ROLLER	(71) King Group of Companies Pty Ltd (21) 2023904057 (22) 14.12.2023 (54) BENDABLE PLATE MEMBER	(71) Nunhems B.V. (21) 2023904064 (22) 14.12.2023 (54) Lettuce Varieties NUN 06307 LTL and NUN 06361 LTL
<b>Horticulture Innovation Australia Limited see Agriculture Victoria Services Pty Ltd</b> (21) 2023904089	(71) Kinoxis Therapeutics Pty Ltd (21) 2023904110 (22) 19.12.2023 (54) Modulators of the oxytocin receptor	(71) Ou, Z.C.K. (21) 2023904058 (22) 14.12.2023 (54) Sachet dispenser system
		<b>Pact Renewables Pty Ltd see Arakel, A.</b> (21) 2023904044
		<b>Pontefract, G. see Sok, V.</b> (21) 2023904093

Provisional Applications Filed - Name Index cont'd

(71) Protective Innovations Pty Ltd  
(21) 2023904127 (22) 19.12.2023  
(54) Elevating work platform collision protection

**Ratnayake, N. see Gunarathna, B.**  
(21) 2023904094

(71) Reddy, G.  
(21) 2023904086 (22) 15.12.2023  
(54) Roofing System

(71) Reddy, G.  
(21) 2023904087 (22) 15.12.2023  
(54) Scent Delivery Method and Apparatus for Use Therein

(71) RemBind Pty Ltd  
(21) 2023904042 (22) 13.12.2023  
(54) GRANULATED CONTAMINANT SORBENT

**ResMed Asia Pte. Ltd. see ResMed Pty Ltd**  
(21) 2023904036

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.  
(21) 2023904036 (22) 13.12.2023  
(54) Eye Mask

(71) Robertson, D.  
(21) 2023904099 (22) 18.12.2023  
(54) Power generation apparatus, system and method

(71) Robertson, C.  
(21) 2023904116 (22) 19.12.2023  
(54) A slope or level indicating device

(71) Ruminant Solutions Pty Ltd  
(21) 2023904049 (22) 14.12.2023  
(54) Methane reduction in ruminants.

(71) Samarawickrama, C.  
(21) 2023904091 (22) 15.12.2023  
(54) A Trepine Blade for Preparation of a Donor Corneal Graft

(71) Scolaro, A.  
(21) 2023904041 (22) 13.12.2023  
(54) A Power Drive

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(21) 2023904082

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(21) 2023904082

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(21) 2023904082

(71) Shelley, A.; Shelley, D.; Shelley, M.; Shelley, D.  
(21) 2023904082 (22) 15.12.2023  
(54) Process and apparatus for the manufacture of an aqueous solution of magnesium bicarbonate

(71) Sok, V.; Vaughan, L.; Pontefract, G.  
(21) 2023904093 (22) 17.12.2023  
(54) Method of Infusing Australian Whisky with Ginseng

(71) Solar Sailor Pty Ltd  
(21) 2023904111 (22) 19.12.2023  
(54) Autonomous Surface Vessel

(71) Spectralwatt; Williams, D.  
(21) 2023904046 (22) 14.12.2023  
(54) An HFAC Resonant Power Distribution Network

(71) STM Management Pty Ltd  
(21) 2023904066 (22) 15.12.2023  
(54) CASE FOR A TABLET SHAPED DEVICE

(71) Sunvertec Pty Ltd  
(21) 2023904101 (22) 18.12.2023  
(54) Energy Storage System

(71) TALBOT, A.  
(21) 2023904097 (22) 18.12.2023  
(54) Apparatus, System and Method of On-Site Dry Wall Fabrication

(71) Temple Electricity Pty Ltd  
(21) 2023904098 (22) 18.12.2023  
(54) Digital Trading Platform for Time-Of-Day Electricity OTC derivatives, standardising Time-of-Day (TOD) Electricity Derivatives Products.

(71) Ten Minute Mask  
(21) 2023904107 (22) 18.12.2023  
(54) The Ten Minute Mask

(71) The University of Queensland  
(21) 2023904105 (22) 18.12.2023  
(54) Mutant Proteins for Crop Protection

(71) Thornley, P.  
(21) 2023904103 (22) 18.12.2023  
(54) A METHOD AND APPARATUS FOR BLASTING IN A REACTIVE ENVIRONMENT

(71) Thornton, M.; Andrews, S.  
(21) 2023904113 (22) 19.12.2023  
(54) Sliding Window

(71) Toku Eyes Limited  
(21) 2023904102 (22) 18.12.2023  
(54) SYSTEMS AND METHODS FOR PROCESSING OF FUNDUS IMAGES

(71) University, M.  
(21) 2023904055 (22) 14.12.2023  
(54) 3D Printed Metal Component

(71) Vater, L.  
(21) 2023904074 (22) 15.12.2023  
(54) AN IMPROVED RAIL CLAMP

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(21) 2023904093

(71) Vertech Hume International Pty Ltd  
(21) 2023904106 (22) 18.12.2023  
(54) AUGMENTED DRIVING METHOD AND SYSTEM

(71) Waterson, L.  
(21) 2023904059 (22) 14.12.2023  
(54) ENTERTAINER MANAGEMENT SYSTEM AND METHOD

(71) Western Jacks Pty Ltd  
(21) 2023904112 (22) 19.12.2023  
(54) Saw

(71) WILDBOAR BIKE RACKS PTY LTD  
(21) 2023904109 (22) 19.12.2023  
(54) BIKE RACK

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(71) Woolloomooloo GC Pty Ltd  
(21) 2023904056 (22) 14.12.2023  
(54) Golf bag accessory



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<b>2023904034</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2023904100</b>	Commonwealth Scientific and Industrial Research Organisation
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<b>2023904092</b>	Kannapat Anthony, J.		
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<b>2023904099</b>	Robertson, D.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 12 Dec 2023 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) 9449710 Canada Inc. (21) 2023282304 (22) 15.12.2023 (54) Terephthalic acid esters formation</p> <hr/> <p>(71) Acres Technology (21) 2023285701 (22) 18.12.2023 (54) Method for Configuring Casino Operations</p> <hr/> <p>(71) Adobe Inc. (21) 2023285707 (22) 18.12.2023 (54) SUPER-RESOLUTION ON TEXT-TO-IMAGE SYNTHESIS WITH GANS</p> <hr/> <p>(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023285709 (22) 18.12.2023 (54) Composite electrode and preparation method thereof</p> <hr/> <p>(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023285732 (22) 19.12.2023 (54) Manufacturing method of carbon-coated lithium iron phosphate material</p> <hr/> <p><b>Air Products and Chemicals, Inc. see Pizeys Patent and Trade Mark Attorneys Pty Ltd</b> (21) 2023282306</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2023282308 (22) 15.12.2023 (54) APPARATUS AND PROCESS TO PROVIDE COOLING WATER FOR AMMONIA AND OR HYDROGEN PRODUCTION</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2023285729 (22) 19.12.2023 (54) Multi-targeted single entity conjugates</p> <hr/> <p>(71) Amgen Inc. (21) 2023285706 (22) 18.12.2023 (54) Control of total afucosylated glycoforms of antibodies produced in cell culture</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023282243 (22) 13.12.2023</p>	<p>(54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023282265 (22) 14.12.2023 (54) Gaming chip and method for manufacturing the same</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023285723 (22) 19.12.2023 (54) 2022241498</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023285725 (22) 19.12.2023 (54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023285727 (22) 19.12.2023 (54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Apple Inc. (21) 2023282230 (22) 13.12.2023 (54) User interfaces for capturing and managing visual media</p> <hr/> <p>(71) Apple Inc. (21) 2023282240 (22) 13.12.2023 (54) Avatar integration with multiple applications</p> <hr/> <p>(71) Apple Inc. (21) 2023282284 (22) 14.12.2023 (54) User interfaces related to time</p> <hr/> <p>(71) Apple Inc. (21) 2023285697 (22) 18.12.2023 (54) Context-specific user interfaces</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023282324 (22) 15.12.2023 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE</p> <hr/> <p>(71) Arrinex, Inc. (21) 2023282294 (22) 14.12.2023 (54) Devices and Methods for Treating Ear, Nose, and Throat Afflictions</p>	<hr/> <p>(71) ASC Engineered Solutions, LLC (21) 2023282278 (22) 14.12.2023 (54) Pre-assembled coupling assemblies with pipe fitting</p> <hr/> <p>(71) b.box for kids developments Pty Ltd (21) 2023282334 (22) 15.12.2023 (54) A CONTAINER LID AND A CONTAINER HAVING A CONTAINER LID</p> <hr/> <p>(71) Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. (21) 2023285718 (22) 19.12.2023 (54) A camptothecin drug and its antibody conjugate thereof</p> <hr/> <p>(71) Baylor Research Institute (21) 2023282255 (22) 14.12.2023 (54) Methods and compositions for treating autoimmune and inflammatory conditions</p> <hr/> <p>(71) BioJiva LLC (21) 2023282263 (22) 14.12.2023 (54) ISOTOPICALLY MODIFIED COMPONENTS AND THERAPEUTIC USES THEREOF</p> <hr/> <p>(71) Biscayne Neurotherapeutics, Inc. (21) 2023282287 (22) 14.12.2023 (54) Modified release pharmaceutical compositions of huperzine and methods of using the same</p> <hr/> <p>(71) Blake, W. (21) 2023282296 (22) 15.12.2023 (54) MASKS, HELMETS AND COMPONENTS THEREOF</p> <hr/> <p>(71) Boston Scientific Scimed, Inc.; Brussels Medical Device Center (21) 2023285712 (22) 18.12.2023 (54) Devices for locating a body lumen</p> <hr/> <p><b>Brussels Medical Device Center see Boston Scientific Scimed, Inc.</b> (21) 2023285712</p> <hr/> <p>(71) Calabrio, Inc. (21) 2023282232 (22) 13.12.2023</p>
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(54) Call tagging using machine learning models

(71) Calabrio, Inc.  
(21) 2023282246 (22) 13.12.2023

(54) Evaluating transcripts through repetitive statement analysis

(71) Canva Pty Ltd  
(21) 2023282247 (22) 13.12.2023

(54) Systems and methods for automatically generating designs

(71) Canva Pty Ltd  
(21) 2023282298 (22) 15.12.2023

(54) Systems and methods for processing designs

(71) Canva Pty Ltd  
(21) 2023282299 (22) 15.12.2023

(54) Systems and methods for processing designs

(71) Canva Pty Ltd  
(21) 2023282300 (22) 15.12.2023

(54) Systems and methods for processing designs

(71) Canva Pty Ltd  
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd  
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(54) Conditional image generation

(71) Canva Pty Ltd  
(21) 2023282319 (22) 15.12.2023

(54) Conditional image generation

(71) Canva Pty Ltd  
(21) 2023282320 (22) 15.12.2023

(54) Conditional image generation

(71) Case Western Reserve University  
(21) 2023282293 (22) 14.12.2023

(54) Priming Media and Methods for Stem Cell Culture and Therapy

(71) CASIO COMPUTER CO., LTD.  
(21) 2023282259 (22) 14.12.2023

(54) Program, server apparatus, client apparatus, system, method implemented by server apparatus, and method implemented by client apparatus

(71) CASIO COMPUTER CO., LTD.  
(21) 2023282262 (22) 14.12.2023

(54) Program, server apparatus, client apparatus, system, method implemented by server apparatus, and method implemented by client apparatus

(71) Celator Pharmaceuticals, Inc.  
(21) 2023282309 (22) 15.12.2023

(54) Inhibiting ataxia telangiectasia and RAD3-related protein (ATR)

(71) CFPH, LLC  
(21) 2023283513 (22) 18.12.2023

(54) DISTRIBUTED MATCHING ENGINE

(71) Chai, Y.  
(21) 2023282335 (22) 15.12.2023

(54) Multimodal Hybrid Training Method for Artificial Intelligence Medical Image Analysis

(71) Chai, Y.  
(21) 2023285702 (22) 18.12.2023

(54) Medical Imaging Landmark Localization Method Based on Iterative Object Detection and Semantic Segmentation

(71) Chromadex Inc.; The Queen's University Of Belfast  
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(71) Church & Dwight Co., Inc.  
(21) 2023282269 (22) 14.12.2023

(54) Polymer compositions and products formed therewith

(71) CSL Limited  
(21) 2023282314 (22) 15.12.2023

(54) Reconstituted high density lipoprotein treatment of myocardial infarction

(71) Daifuku Co., Ltd.  
(21) 2023282295 (22) 15.12.2023

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(71) Deere & Company  
(21) 2023282277 (22) 14.12.2023

(54) Controlling image capture based on event timing during planting operation

(71) Deere & Company  
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(54) Terrain measurement for automation control and productivity tracking of work machine

(71) Deere & Company  
(21) 2023284159 (22) 18.12.2023

(54) Apparatus and method for a dual front fold toolbar assembly

(71) Deere & Company  
(21) 2023285694 (22) 18.12.2023

(54) System and method of automated setting of elevation reference for continuous grade control

(71) Deere & Company  
(21) 2023285695 (22) 18.12.2023

(54) Agricultural machine speed optimization monitor

(71) Dexter Axle Company LLC  
(21) 2023282256 (22) 14.12.2023

(54) Locking system for a wheel hub

(71) Dolby International AB  
(21) 2023282303 (22) 15.12.2023

(54) Improved Harmonic Transposition

(71) Dolby Laboratories Licensing Corporation  
(21) 2023285711 (22) 18.12.2023

(54) Source color volume information messaging

(71) eBay Inc.  
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(54) Authenticating blockchain addresses

(71) eBay Inc.  
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(54) Artificial intelligence content generation control using non-fungible tokens

(71) Ecolab USA Inc.  
(21) 2023285698 (22) 18.12.2023

(54) Solid detergent dispenser for a washing machine

(71) Edwards Lifesciences Corporation  
(21) 2023282273 (22) 14.12.2023

(54) Valved conduit

(71) Elmich Pte Ltd  
(21) 2023282323 (22) 15.12.2023

(54) Brace and Collar for pedestal

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	<p>(71) Itron, Inc. (21) 2023282236 (22) 13.12.2023</p>	<p>(71) LanzaTech, Inc. (21) 2023284384 (22) 18.12.2023</p>

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(54) MICROORGANISM WITH KNOCK-  
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(71) LG Electronics, Inc.  
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(54) APS SIGNALING-BASED VIDEO OR  
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(71) LG Electronics Inc.  
(21) 2023282311 (22) 15.12.2023  
(54) Refrigerator

(71) Lumenis Ltd  
(21) 2023282245 (22) 13.12.2023  
(54) Apparatus and method for reducing  
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(71) LYNAS RARE EARTHS LIMITED  
(21) 2023282291 (22) 14.12.2023  
(54) Materials, methods and techniques for  
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(71) Mahindra and Mahindra Limited  
(21) 2023285704 (22) 18.12.2023  
(54) A SYSTEM AND A METHOD FOR  
GESTURE CONTROLLED OUT-  
SIDE REAR VIEW MIRRORS OF A  
VEHICLE

(71) MAKO Surgical Corp.  
(21) 2023282267 (22) 14.12.2023  
(54) Systems for a robotic-assisted revision  
procedure

(71) MAKO Surgical Corp.  
(21) 2023282275 (22) 14.12.2023  
(54) Fiber optic tracking system

(71) MannKind Corporation  
(21) 2023282272 (22) 14.12.2023  
(54) MICROCRYSTALLINE  
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(71) Manufacturing Systems Limited  
(21) 2023282305 (22) 15.12.2023  
(54) APPARATUS AND METHODS FOR  
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SURFACE MODIFICATION

(71) Matterport, Inc.  
(21) 2023282280 (22) 14.12.2023  
(54) System and method of capturing and  
generating panoramic three-dimension-  
al images

(71) Max-Planck-Gesellschaft zur Förderung  
der Wissenschaften e.V.; Modag GmbH  
(21) 2023285721 (22) 19.12.2023  
(54) NOVEL COMPOUNDS FOR THE DIA-  
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TION OF DISEASES ASSOCIATED  
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PHA-SYNUCLEIN

(71) Memorial Sloan-Kettering Cancer Cen-  
ter; Eureka Therapeutics, Inc.  
(21) 2023282276 (22) 14.12.2023  
(54) Antibodies targeting Fc receptor-like 5  
and methods of use

(71) MERCK PATENT GMBH  
(21) 2023285714 (22) 18.12.2023  
(54) Polycyclic TLR7/8 antagonists and use  
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(71) Minesite Salvage & Recycling Pty Ltd  
(21) 2023285754 (22) 19.12.2023  
(54) WATER DRUM SYSTEM

**Modag GmbH see Max-Planck-Gesell-  
schaft zur Förderung der Wissenschaften  
e.V.**  
(21) 2023285721

(71) NAVICO, INC.  
(21) 2023282315 (22) 15.12.2023  
(54) TROLLING MOTOR AND SONAR  
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(71) NAVICO, INC.  
(21) 2023282317 (22) 15.12.2023  
(54) SYSTEMS AND METHODS FOR CON-  
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(71) Novartis AG; The Trustees of the Uni-  
versity of Pennsylvania  
(21) 2023284778 (22) 18.12.2023  
(54) Combination therapies of chimeric anti-  
gen receptors and PD-1 inhibitors

(71) NULTY, A.  
(21) 2023282254 (22) 14.12.2023  
(54) A DENTAL SCAN AID

(71) Nunhems B.V.  
(21) 2023282252 (22) 14.12.2023  
(54) Lettuce variety NUN 07076 LTL

(71) Nunhems B.V.  
(21) 2023282257 (22) 14.12.2023  
(54) Lettuce variety NUN 00332 LTL

(71) Oji Holdings Corporation  
(21) 2023282329 (22) 15.12.2023  
(54) Corrugated fiberboard material

(71) Panduit Corp.  
(21) 2023282258 (22) 14.12.2023  
(54) Connectivity verification for an absence  
of voltage tester system

(71) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd; Air Products and Chemi-  
cals, Inc.  
(21) 2023282306 (22) 15.12.2023  
(54) METHOD AND APPARATUS FOR  
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(71) Poundsy's Properties Pty Ltd  
(21) 2023285722 (22) 19.12.2023  
(54) Pickleball Paddle Sound Absorbent  
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(71) Praxis Precision Medicines, Inc.  
(21) 2023282271 (22) 14.12.2023  
(54) Compounds and their methods of use

(71) Precigen, Inc.  
(21) 2023282226 (22) 13.12.2023  
(54) Polypeptide compositions comprising  
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(71) President and Fellows of Harvard Col-  
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(21) 2023282260 (22) 14.12.2023  
(54) Open-top microfluidic devices and  
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(71) Prysmian S.p.A.  
(21) 2023285705 (22) 18.12.2023  
(54) Optical cable for blown installation

(71) Raytrx, LLC  
(21) 2023285715 (22) 18.12.2023  
(54) WEARABLE IMAGE MANIPULATION  
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(71) Redcoat Solutions, Inc.  
(21) 2023282327 (22) 15.12.2023  
(54) Anti-bed bug monoclonal antibod-  
ies and methods of making and uses  
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(71) Reflex Industries Asia Pacific Pty Ltd  
(21) 2023282285 (22) 14.12.2023

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(54) A system, method and apparatus for determining the disposition of structural features present in boreholes

(71) RemeGen Co., Ltd.  
(21) 2023282237 (22) 13.12.2023  
(54) Pharmaceutical formulations of Her2 antibody-drug conjugate

(71) Rodriguez Oquendo, A.  
(21) 2023282264 (22) 14.12.2023  
(54) USE OF RECOMBINANT LYMPHOCYTE ACTIVATION GENE-3

(71) Rosemount Aerospace Inc.  
(21) 2023285717 (22) 19.12.2023  
(54) System and method for a secure unidirectional network interface

(71) Sakura Finetek Europe B.V.  
(21) 2023282331 (22) 15.12.2023  
(54) Automatic transfer between tissue processing modules

(71) Samsonite IP Holdings S.á r.l.  
(21) 2023285710 (22) 18.12.2023  
(54) Biaxially oriented thermoplastic polymer laminate films for luggage articles and methods of making the same

(71) Schneider Electric (Australia) Pty Limited  
(21) 2023282332 (22) 15.12.2023  
(54) IMPROVEMENTS IN PUSH BUTTON

(71) Schneider Electric Industries SAS  
(21) 2023285728 (22) 19.12.2023  
(54) RESETTING RCD MECHANISM BY THE HANDLE

(71) Seagen, Inc.  
(21) 2023282281 (22) 14.12.2023  
(54) BCMA antibodies and use of same to treat cancer and immunological disorders

(71) Sensor Development Corporation  
(21) 2023282330 (22) 15.12.2023  
(54) DEVICE FOR DETECTING INSECT LARVAE AND ADULT INSECTS IN STORED PRODUCTS BY SENSING THEIR VOLATILE PHEROMONES AND SEMIOCHEMICALS

(71) Snap-on Corporated  
(21) 2023282328 (22) 15.12.2023  
(54) Multi-position pliers with elongated recesses

(71) Société des Produits Nestlé S.A.  
(21) 2023285696 (22) 18.12.2023  
(54) Methods using whey protein to improve or maintain muscle quality

(71) Standard Bariatrics, Inc.  
(21) 2023282261 (22) 14.12.2023  
(54) END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME

(71) Steelhead LNG (ASLNG) Ltd.  
(21) 2023285737 (22) 19.12.2023  
(54) Liquefaction apparatus, methods, and systems

(71) Sungrow Power Supply Co., Ltd.  
(21) 2023282233 (22) 13.12.2023  
(54) Multi-channel grid-connected power generation system and control method therefor

(71) SUTHERLAND, R.  
(21) 2023285077 (22) 18.12.2023  
(54) IMPROVEMENTS IN STONE CRUSHING EQUIPMENT

(71) Sysmex Corporation  
(21) 2023282268 (22) 14.12.2023  
(54) Bone marrow aspirate analysis method, sample analyzer, and computer program

(71) TALBOT, A.  
(21) 2023285692 (22) 18.12.2023  
(54) Apparatus, System and Method of On-Site Dry Wall Fabrication

(71) TDELTA LIMITED  
(21) 2023282251 (22) 14.12.2023  
(54) KETONE BODY AND KETONE BODY ESTER FOR REDUCING MUSCLE BREAKDOWN

(71) Tencent America LLC  
(21) 2023282302 (22) 15.12.2023  
(54) METHOD FOR SIGNALING PICTURE HEADER IN CODED VIDEO STREAM

(71) Tesla, Inc.  
(21) 2023282266 (22) 14.12.2023  
(54) Systems and methods for training machine models with augmented data

(71) The Boeing Company  
(21) 2023282279 (22) 14.12.2023  
(54) Beam anchor and method of use

(71) The Coca-Cola Company  
(21) 2023282289 (22) 14.12.2023

(54) Proactive dispenser to operator mobile alert system

The Queen's University Of Belfast see Chromadex Inc.  
(21) 2023285716

(71) The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.  
(21) 2023282283 (22) 14.12.2023  
(54) Combination of novel vaccines against Zika virus and DNA antibody constructs for use against Zika virus

The Trustees of the University of Pennsylvania see Novartis AG  
(21) 2023284778

The Wistar Institute of Anatomy and Biology see The Trustees of the University of Pennsylvania  
(21) 2023282283

(71) Tigercat Industries Inc.  
(21) 2023282313 (22) 15.12.2023  
(54) Apparatus and method for planting trees

(71) TNBT Holdings Pty Limited  
(21) 2023282333 (22) 15.12.2023  
(54) Improved Lock

(71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.  
(21) 2023282238 (22) 13.12.2023  
(54) Management system and traveling state control system

(71) Trina Solar Co., Ltd.  
(21) 2023282312 (22) 15.12.2023  
(54) Continuous string welding device for photovoltaic cells and welding method

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(21) 2023285703

(71) Vermeer Manufacturing Company  
(21) 2023285693 (22) 18.12.2023  
(54) Handheld water drill and method

(71) Vistagen Therapeutics, Inc.  
(21) 2023282234 (22) 13.12.2023  
(54) Therapeutic uses of L-4-chlorokynurenine

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(71) Wang, L.  
 (21) 2023282244 (22) 13.12.2023  
 (54) Multi-Targeting Algorithm for Simultaneous Achievement of Weighted Average Figures and Distribution Shaping goals against Big Dataset

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(71) Warsaw Orthopedic, Inc.  
 (21) 2023285699 (22) 18.12.2023  
 (54) Drug pellet delivery system and method

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(71) WEBSTER, J.  
 (21) 2023282307 (22) 15.12.2023  
 (54) INFLATABLE FURNITURE

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(71) Willowtree Holdings Pty Ltd  
 (21) 2023285708 (22) 18.12.2023  
 (54) TEMPORARY BULKHEAD

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(71) Wonderland Switzerland AG  
 (21) 2023282321 (22) 15.12.2023  
 (54) Child safety seat

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(71) Wonderland Switzerland AG  
 (21) 2023282322 (22) 15.12.2023  
 (54) Child safety seat

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 (21) 2023285730

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(71) Xuzhou XCMG Excavator Machinery Co., Ltd.  
 (21) 2023282286 (22) 14.12.2023  
 (54) RECIPROCATING DRIVE DEVICE, BREAKING HAMMER, PILE DRIVING HAMMER AND TAMPER

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**Yunnan Wenshan Aluminum Co., Ltd. see Kunming University of Science and Technology**  
 (21) 2023285713

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(71) Zhao, A.; Xie, D.  
 (21) 2023285730 (22) 19.12.2023  
 (54) Drywall Finisher Box

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(71) Zhejiang Kindly Medical Devices Co., Ltd.  
 (21) 2023282325 (22) 15.12.2023  
 (54) SHIELDING APPARATUS FOR LOWER END OF INJECTION NEEDLE, AND INJECTION DEVICE

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2023282278	ASC Engineered Solutions, LLC	2023284778	Novartis AG; The Trustees of the University of Pennsylvania
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2023282286	Xuzhou XCMG Excavator Machinery Co., Ltd.	2023285697	Apple Inc.
2023282287	Biscayne Neurotherapeutics, Inc.	2023285698	Ecolab USA Inc.
2023282288	GABRIEL, K.	2023285699	Warsaw Orthopedic, Inc.
2023282289	The Coca-Cola Company	2023285700	FISHER & PAYKEL HEALTHCARE LIMITED
2023282290	Hydrostor Inc.	2023285701	Acres Technology
		2023285702	Chai, Y.



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**2023285703** HOOKIPA Biotech GmbH; Universität Basel  
**2023285704** Mahindra and Mahindra Limited  
**2023285705** Prysmian S.p.A.  
**2023285706** Amgen Inc.  
**2023285707** Adobe Inc.  
**2023285708** Willowtree Holdings Pty Ltd  
**2023285709** Advanced Lithium Electrochemistry Co., Ltd.  
**2023285710** Samsonite IP Holdings S.á r.l.  
**2023285711** Dolby Laboratories Licensing Corporation  
**2023285712** Boston Scientific Scimed, Inc.; Brussels Medical Device Center  
**2023285713** Kunming University of Science and Technology; Yunnan Wenshan Aluminum Co., Ltd.  
**2023285714** MERCK PATENT GMBH  
**2023285715** Raytrx, LLC  
**2023285716** Chromadex Inc.; The Queen's University Of Belfast  
**2023285717** Rosemount Aerospace Inc.  
**2023285718** Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.  
**2023285719** Globberide, Inc.  
**2023285720** Janssen Biotech, Inc.  
**2023285721** Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.; Modag GmbH  
**2023285722** Poundsy's Properties Pty Ltd  
**2023285723** Angel Group Co., Ltd.  
**2023285724** Janssen Biotech, Inc.  
**2023285725** Angel Group Co., Ltd.  
**2023285727** Angel Group Co., Ltd.  
**2023285728** Schneider Electric Industries SAS  
**2023285729** Alnylam Pharmaceuticals, Inc.  
**2023285730** Zhao, A.; Xie, D.  
**2023285732** Advanced Lithium Electrochemistry Co., Ltd.  
**2023285737** Steelhead LNG (ASLNG) Ltd.  
**2023285745** James Hardie Technology Limited  
**2023285754** Minesite Salvage & Recycling Pty Ltd

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Dec 2023 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Dyno Nobel Inc.  
(21) 2023100099 (22) 12.12.2023  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Dyno Nobel Inc.  
(21) 2023100100 (22) 12.12.2023  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Dyno Nobel Inc.  
(21) 2023100101 (22) 12.12.2023  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Jemella Limited  
(21) 2023100103 (22) 19.12.2023  
(54) Apparatus and method for drying and styling hair  
(62) 2020322192

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(71) Prok Conveyor Components Pty Ltd  
(21) 2023100102 (22) 14.12.2023  
(54) CONVEYOR ROLLER TUBE  
(62) 2021313607

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**2023100099** Dyno Nobel Inc.  
**2023100100** Dyno Nobel Inc.  
**2023100101** Dyno Nobel Inc.

**2023100102** Prok Conveyor Components Pty Ltd  
**2023100103** Jemella Limited

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

<b>Code</b>	<b>Meaning</b>
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
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11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
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20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
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23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
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F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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**2008**

2008202391 ( 14 )	2008202449 ( 14 )	2008202463 ( 14 )
2008207612 ( 14 )	2008220929 ( 14 )	2008255555 ( 14 )
2008257820 ( 14 )	2008258266 ( 14 )	2008258521 ( 14 )
2008259314 ( 14 )	2008259833 ( 14 )	2008259841 ( 14 )
2008260037 ( 14 )	2008261352 ( 14 )	2008262157 ( 14 )
2008262158 ( 14 )	2008263122 ( 14 )	2008265492 ( 14 )
2008293858 ( 14 )	2008342466 ( 14 )	2008357336 ( 14 )

**2009**

2009202131 ( 14 )	2009202139 ( 14 )	2009202223 ( 14 )
2009202792 ( 14 )	2009202968 ( 14 )	2009208172 ( 14 )
2009243483 ( 14 )	2009251827 ( 14 )	2009253791 ( 14 )
2009253892 ( 14 )	2009253978 ( 14 )	2009255821 ( 14 )
2009256063 ( 14 )	2009256193 ( 14 )	2009256397 ( 14 )
2009256481 ( 14 )	2009257683 ( 14 )	2009258504 ( 14 )
2009260433 ( 14 )	2009262896 ( 14 )	2009347318 ( 14 )
2009347422 ( 14 )		

**2010**

2010202212 ( 14 )	2010202262 ( 14 )	2010253887 ( 14 )
2010254907 ( 14 )	2010254917 ( 14 )	2010255193 ( 14 )
2010255551 ( 14 )	2010256013 ( 14 )	2010256341 ( 14 )
2010256679 ( 14 )	2010256684 ( 14 )	2010256810 ( 14 )
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**2011**

2011202025 ( 14 )	2011202514 ( 14 )	2011202524 ( 14 )
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2011202670 ( 14 )	2011203121 ( 14 )	2011213854 ( 14 )
2011259931 ( 14 )	2011261228 ( 14 )	2011261307 ( 14 )
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**2012**

2012202186 ( 14 )	2012202294 ( 14 )	2012203165 ( 14 )
2012203166 ( 14 )	2012203196 ( 14 )	2012203255 ( 14 )
2012209029 ( 14 )	2012241072 ( 14 )	2012261818 ( 14 )
2012261999 ( 14 )	2012262014 ( 14 )	2012262021 ( 14 )
2012262364 ( 14 )	2012263123 ( 14 )	2012263327 ( 14 )
2012263460 ( 14 )	2012264598 ( 14 )	2012264610 ( 14 )
2012264783 ( 14 )	2012266564 ( 14 )	2012268613 ( 14 )

2012268659 ( 14 ) 2012268821 ( 14 ) 2012277058 ( 14 )  
 2012278195 ( 14 ) 2012290704 ( 14 ) 2012318262 ( 14 )

**2013**

2013204101 ( 14 ) 2013204209 ( 14 ) 2013206083 ( 14 )  
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 2013260752 ( 14 ) 2013267450 ( 14 ) 2013267453 ( 14 )  
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 2013273573 ( 14 ) 2013273648 ( 14 ) 2013273650 ( 14 )  
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**2014**

2014200263 ( 14 ) 2014200651 ( 14 ) 2014200653 ( 14 )  
 2014202382 ( 14 ) 2014203067 ( 14 ) 2014203071 ( 14 )  
 2014250656 ( 14 ) 2014256850 ( 14 ) 2014271446 ( 14 )  
 2014271625 ( 14 ) 2014271674 ( 14 ) 2014271742 ( 14 )  
 2014272892 ( 14 ) 2014273818 ( 14 ) 2014273996 ( 14 )  
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 2014277569 ( 14 ) 2014277586 ( 14 ) 2014285445 ( 14 )  
 2014303102 ( 14 ) 2014341656 ( 14 ) 2014375830 ( 14 )  
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**2015**

2015101761 ( 22 ) 2015101762 ( 22 ) 2015101763 ( 22 )  
 2015101764 ( 22 ) 2015101769 ( 22 ) 2015101777 ( 22 )  
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**2016**

2016100800 ( 22E ) 2016100814 ( 22E ) 2016200869 ( 14 )  
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 2016272843 ( 14 ) 2016272892 ( 14 ) 2016273213 ( 14 )  
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 2016323398 ( 5C ) 2016382786 ( 5C ) 2016393988 ( 14 )  
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**2017**

2017100670 ( 22G ) 2017100683 ( 22G ) 2017100894 ( 22 )  
 2017101860 ( 22E ) 2017203684 ( 14 ) 2017203761 ( 4C )  
 2017203787 ( 4C ) 2017220314 ( 25D ) 2017248545 ( 14 )  
 2017272363 ( 14 ) 2017272376 ( 14 ) 2017272523 ( 14 )  
 2017274575 ( 14 ) 2017275301 ( 14 ) 2017275897 ( 14 )  
 2017277065 ( 4C ) 2017277381 ( 14 ) 2017277833 ( 14 )  
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 2017302132 ( 5C ) 2017319508 ( 5C ) 2017321609 ( 25D )  
 2017368264 ( 5C ) 2017370909 ( 5C ) 2017370929 ( 5C )  
 2017371240 ( 5C ) 2017371736 ( 5C ) 2017378378 ( 5C )  
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**2018**

2018100720 ( 22E ) 2018100724 ( 22E ) 2018100725 ( 22E )  
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**2019**

2019100572 ( 22E ) 2019100583 ( 22E ) 2019100584 ( 22E )  
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**2020**

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**2021**

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 2021104469 ( 22E ) 2021107575 ( 22 ) 2021107618 ( 22E )  
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 2021215225 ( 4C ) 2021218102 ( 5C ) 2021221908 ( 5C )  
 2021225189 ( 4C ) 2021232711 ( 12C ) 2021232814 ( 4D )  
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 2021236468 ( 5C ) 2021236503 ( 5C ) 2021236523 ( 5C )  
 2021240141 ( 5C ) 2021240162 ( 5C ) 2021245256 ( 4C )  
 2021245260 ( 5C ) 2021250873 ( 5C ) 2021258008 ( 5C )  
 2021261877 ( 5C ) 2021261923 ( 5C ) 2021266186 ( 5C )  
 2021266265 ( 5C ) 2021269335 ( 5C ) 2021269439 ( 5C )  
 2021269441 ( 5C ) 2021277589 ( 5C ) 2021282466 ( 5C )  
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 2021290431 ( 5C ) 2021340822 ( 25D )

**2022**

2022200065 ( 5C ) 2022200236 ( 5C ) 2022200240 ( 5C )  
 2022200253 ( 4C ) 2022200469 ( 5C ) 2022200651 ( 4C )  
 2022200900 ( 5C ) 2022200938 ( 4C ) 2022201183 ( 5C )  
 2022202073 ( 4C ) 2022204072 ( 4C ) 2022204137 ( 4C )  
 2022215311 ( 4C ) 2022218609 ( 5C ) 2022224787 ( 5C )  
 2022231798 ( 5CN ) 2022235572 ( 4C ) 2022256213 ( 5C )  
 2022259845 ( 5CN ) 2022279398 ( 4C ) 2022903826 ( 12AN )  
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 2022904019 ( 12AN ) 2022904020 ( 12AN ) 2022904024 ( 12AN )

**2023**

2023200827 ( 4C ) 2023201278 ( 4C ) 2023233190 ( 1B )  
 2023237026 ( 1B ) 2023237034 ( 1B ) 2023900030 ( 12AN )  
 2023900071 ( 12AN ) 2023900098 ( 12AN )

**Assignments before Grant, Section 113**

**2016**

2016417658 All Day Designs Ltd The application has been assigned to **NZP1027 Ltd**

**Assignments before Grant, Section 113**

2016431213 Bruker Daltonik GmbH The application has been assigned to **Bruker Daltonics GmbH & Co. KG**

**2017**

2017393107 MT Innovations Pty Ltd The application has been assigned to **S.C.P MT Innovation**

2017900049 MT Innovations Pty Ltd The application has been assigned to **S.C.P MT Innovation**

**2018**

2018217057 Standing Wave Reformers LLC The application has been assigned to **New Wave Hydrogen, Inc.**

2018322049 Pezaris, Peter; Captech, LLC; CodeStream, Inc. The application has been assigned to **New Relic, Inc.**

2018332792 Orthosensor Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2018380832 Atlantic Therapeutics Group Limited The application has been assigned to **Atlantic Therapeutics Limited**

**2019**

2019312911 NESA s.r.l.; ALBERTELLI, Luca Maffeo The application has been assigned to **OFFICINE MACCAFERRI S.P.A.**

2019348525 Institut Gustave Roussy The application has been assigned to **Institut Gustave Roussy; Institut National de la Sante et de la Recherche Medicale; Université Paris-Saclay**

2019354780 Orthosensor Inc. The application has been assigned to **Howmedica Osteonics Corp.**

**2020**

2020215343 Green Motion SA The application has been assigned to **Eaton Intelligent Power Limited**

2020256283 Boehringer Ingelheim Animal Health USA Inc.; Iowa State University Research Foundation, Inc. The application has been assigned to **Boehringer Ingelheim Vetmedica GmbH; Iowa State University Research Foundation, Inc.**

2020281922 Atlantic Therapeutics Group Limited The application has been assigned to **Atlantic Therapeutics Limited**

2020301318 OrthoSensor, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2020335099 Staedtler Mars GmbH & Co. KG The application has been assigned to **STAEDTLER SE**

2020338767 Liaoning Haisco Pharmaceutical Co., Ltd.; Haisco Pharmaceutical Group Co., Ltd.; Sichuan Haisco Pharmaceutical Co., Ltd. The application has been assigned to **Xizang Haisco Pharmaceutical Co., Ltd.**

**Assignments before Grant, Section 113**

2020439973 General Electric Company The application has been assigned to **GE Energy Power Conversion Technology Limited**

2020444889 General Electric Company The application has been assigned to **GE Energy Power Conversion Technology Limited**

2020475461 MUSIMAP SA The application has been assigned to **Utopia Music AG**

2020475462 MUSIMAP SA The application has been assigned to **Utopia Music AG**

2020476350 MUSIMAP SA The application has been assigned to **Utopia Music AG**

**2021**

2021206121 Nazzano Devices Limited The application has been assigned to **MYOTEC THERAPEUTICS LIMITED**

2021221431 IP Reserve Pty Ltd The application has been assigned to **Tred Outdoors Pty Ltd**

2021221433 IP Reserve Pty Ltd The application has been assigned to **Tred Outdoors Pty Ltd**

2021221565 IP Reserve Pty Ltd The application has been assigned to **Tred Outdoors Pty Ltd**

2021221660 IP Reserve Pty Ltd The application has been assigned to **Tred Outdoors Pty Ltd**

2021221680 IP Reserve Pty Ltd The application has been assigned to **Tred Outdoors Pty Ltd**

2021266857 Staedtler Mars GmbH & Co. KG The application has been assigned to **STAEDTLER SE**

2021267605 Staedtler Mars GmbH & Co. KG The application has been assigned to **STAEDTLER SE**

2021405544 ORTHOSENSOR, INC. The application has been assigned to **HOWMEDICA OSTEONICS CORP.**

2021405918 SICHUAN HAISCO PHARMACEUTICAL CO., LTD. The application has been assigned to **Xizang Haisco Pharmaceutical Co., Ltd.**

2021412906 CHO, David, Y.; EINLOTH, Shane; Medela Holding AG The application has been assigned to **Medela Holding AG**

**2022**

2022200545 WiseTech Global Limited The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2022203109 WiseTech Global Limited The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

**Assignments before Grant, Section 113**

2022203279 General Electric Company The application has been assigned to **GE Energy Power Conversion Technology Limited**

2022218246 REAL TECH INC. The application has been assigned to **Real Tech Holdings Inc.**

2022235518 WiseTech Global Limited The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2022259250 SICHUAN HAISCO PHARMACEUTICAL CO., LTD. The application has been assigned to **Xizang Haisco Pharmaceutical Co., Ltd.**

2022283838 WISETECH GLOBAL LIMITED The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2022287628 Orthosensor Inc.; Chapman, Ryan The application has been assigned to **Howmedica Osteonics Corp.**

2022903844 WiseTech Global Limited The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

**2023**

2023202360 WiseTech Global Limited The application has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2023902389 PVC Separation Holdings Pty Ltd The application has been assigned to **COLLINS, Dennis**

**Extensions of Time, Section 223**

**Applications Received**

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

**2016**

2016369663 **Carroll, S.** An application to extend the time from 23 Nov 2022 to 23 Apr 2024 in which to gain acceptance has been filed . Address for service - Gorton IP GPO Box 629 SYDNEY NSW 2001 AU

**2020**

2020100513 **Zhu, W.** An application to extend the time from 02 Apr 2022 to 02 Jan 2024 in which to pay a renewal fee has been filed . Address for service - Blockchain Economy LLC Pty Ltd U 8 3 Cecil St Ashfield NSW 2131 AU

**2021**

2021369479 **YETI COOLERS, LLC** An application to extend the time from 27 May 2023 to 27 Oct 2023 in which to enter the National Phase has been filed . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2021388673 **CENTRO DE NEUROCIENCIAS DE CUBA** An application to extend the time from 24 Jun 2023 to 24 Nov 2023 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

**Extensions of Time, Section 223**

**Applications Allowed - Section 223(2)**

**2009**

2009304572 **Advanta Seeds Pty Ltd** The time in which to pay the 9th year anniversary fee in the grace period has been extended to 01 Jun 2022 . Address for service - Baker McKenzie Tower One - International Towers Sydney L46 100 Barangaroo Ave SYDNEY NSW 2000 AU

**2018**

2018205825 **Codondex LLC** The time in which to pay a continuation fee has been extended to 04 Aug 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018264156 **redpath, r.** The time in which to request examination has been extended to 22 Nov 2023 . Address for service - richard redpath 2 Bellaview Road Flagstaff Hill SA 5159 AU

2018309035 **Rowan Companies, Inc.** The time in which to pay a renewal fee has been extended to 02 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019226713 **Imperial College Innovations Limited** The time in which to pay a continuation fee has been extended to 28 Sep 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019240649 **Nanopix Integrated Software Solutions Private Limited** The time in which to request examination has been extended to 11 Oct 2023 . Address for service - Pangaea IP Consultants 1552 Heatherton Rd Dandenong VIC 3175 AU

2019246815 **Signalitica Inc.** The time in which to pay a renewal fee has been extended to 08 Oct 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019365596 **Stabicon Life Sciences Pvt. Ltd.; Lyrus Life Sciences Pvt. Ltd.; Nokha Trading LLP** The time in which to request examination has been extended to 25 Oct 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

**2021**

2021280128 **BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT** The time in which to enter the National Phase has been extended to 26 Aug 2023 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021340822 **Hitachi Zosen Inova Schmack GmbH** The time in which to pay the acceptance fee has been extended to 10 Dec 2023 . Address for service - Ahearn Fox PO Box 9398 Wynnum Plaza Brisbane QLD 4178 AU

**2022**

2022201065 **Lantheus Medical Imaging, Inc.** The time in which to pay a continuation fee has been extended to 28 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022232311 **CHRONIC AIRWAY THERAPEUTICS LIMITED** The time in which to enter the National Phase has been extended to 09 Nov

**Extensions of Time, Section 223**

2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2022259763 **NeuroLens, Inc.** The time in which to pay a continuation fee has been extended to 15 Aug 2023 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2023**

2023204292 **Flyingtee Tech, LLC.** The time in which to request examination has been extended to 18 Oct 2023 . Address for service - Minter Ellison Collins Arch 447 Collins St Melbourne VIC 3000 AU

**Amendments**

**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

**2008**

2008253590 Vibrating screen panel **FLSmith A/S** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015100599 A mounting assembly for glass balustrade **Smart Glass Systems Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 22 Jun 2023 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

**2017**

2017228474 Antibodies to TIGIT **JN Biosciences, LLC ; Abmuno Therapeutics LLC** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017252504 Bacteriotherapy **Genome Research Limited** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017347761 Cleavable peptides and insecticidal and nematocidal proteins comprising same **Vestaron Corporation** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017368597 Novel endo- $\beta$ -N-acetylglucosaminidase **Daichi Sankyo Company,Limited** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2023 . Address for service - Dav-



**Amendments**

ies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2018**

2018223899 Methods for generating and screening compartmentalised peptide libraries **University of Southampton** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2018350614 Active compound combinations having insecticidal/acaricidal properties **Bayer Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

**2019**

2019254452 Procedure and installation for loading boreholes with bulk water-based suspension or watergel type explosives **Maxam-corp Holding, S.L.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2023 . Address for service - Collison & Co GPO Box 2556 Adelaide SA 5001 AU

2019273116 A thermal and/or fire resistant panel, a mounting assembly, and a kit **CBG Systems International Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019455069 A conjugate of a cytotoxic agent to a cell binding molecule with branched linkers **Hangzhou DAC Biotech Co., Ltd** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2020**

2020272040 Compositions and methods for treating homocystinuria and other conditions **The Regents of the University of Colorado, a Body Corporate** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

**2021**

2021205134 Non-invasive agent applicator **MuPharma Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2022**

2022218540 User interfaces for audio media control **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to delete DYE, Alan C.; FOSS, Christopher P.; PETERSON, Corey J.; CHIAO, Sue Wen; SEILAUDOM, Patchaya B; PECK, Jessica J.; SANDERS, Christopher J AND CORMICAN, Neil P. . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

**Amendments Made**

**Amendments**

**2006**

2006230798 **Bluescope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 16 May 2023

**2009**

2009300752 **Astellas Pharma Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023

**2016**

2016375880 **Sapporo Medical University; Nipro Corporation** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2023

**2019**

2019277029 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2023

2019300038 **Hexamer Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2023

2019340238 **Quipex Pty Ltd** The nature of the amendment is: Amend the invention title to read Safety management system and method for multiple occupancy building

2019426631 **Ausnutria Dairy (China) Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2019101852

**2020**

2020100720 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Manzari, Johnnie B.; Souza Dos Santos, Andre; Paul, Grant; Sorrentino III, William A.; Preston, Daniel Trent; Broughton, Lee S.; Girling, Lukas Robert Tom; McCormack, Jon; Hubel, Paul; Deshpande, Alok; Lupinetti, Nick; Hankey, M. Evans; Dye, Alan C. and Federighi, Craig M.

2020267151 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

2020277216 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

**2021**

2021201167 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

**Amendments**

2021203210 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

2021206780 **Trilink BioTechnologies, LLC** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023

2021252180 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; BHATTI, Sajid; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021254567 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

2021266305 **Iuka Resources Limited; Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Application is to proceed under the number 2021107690

2021285405 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; BHATTI, Sajid; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021285406 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read MACHOVEC, Jeff; BHATTI, Sajid; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and LAMOUREUX, Clement

2021290997 **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2023

2021326002 **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2023

2021404156 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; BHATTI, Sajid; MACHOVEC, Jeff and LAMOUREUX, Clement

2021404157 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; BHATTI, Sajid; MACHOVEC, Jeff and LAMOUREUX, Clement

2021454158 **TENIAS HARVESTER, S.L.** The nature of the amendment is: Amend the name of the inventor to read TENIAS SANCHO, JESÚS

**2022**

2022200881 **The Regents of the University of California** The nature of the amendment is: Amend the invention title to read MESO-

**Amendments**

POROUS SILICA NANOPARTICLES WITH LIPID BILAYER COATING FOR CARGO DELIVERY

2022200903 **Caribou Biosciences, Inc.** The nature of the amendment is: Amend the invention title to read Engineered Cascade components and Cascade complexes

2022200966 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

2022202377 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A. and JENSEN, Rasmus R.

2022202647 **Beijing Baidu Netcom Science Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2023

2022221466 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Paul, Grant; Preston, Daniel Trent; Sorrentino III, William A.; Souza Dos Santos, Andre; Brasket, Jeffrey A.; Jensen, Rasmus R.; Manzari, Johnnie B.; Broughton, Lee S.; McCormack, Jonathan; Hubel, Paul; Hankey, Martha E.; Girling, Lukas Robert Tom; Lupinetti, Nicholas; Federighi, Craig M.; Dye, Alan C. and Deshpande, Alok

2022245322 **ONCXERNA THERAPEUTICS, INC.** The nature of the amendment is as shown in the statement(s) filed 23 Nov 2023

2022256223 **Kanthal AB** The nature of the amendment is: Application is to proceed under the number 2022100194

2022271873 **ENTRADA THERAPEUTICS, INC.** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS FOR INTRACELLULAR THERAPEUTICS

2022275920 **CYRON, R.** The nature of the amendment is: Amend the invention title to read Retainer for orthodontic treatment and method of making such a retainer

2022286947 **LYELL IMMUNOPHARMA, INC.** The nature of the amendment is: Amend the invention title to read NR4A-deficient cells expressing c-Jun and uses thereof

2022289203 **INSTITUTE OF MATERIA MEDICA ,CHINESE ACADEMY OF MEDICAL SCIENCES** The nature of the amendment is: Amend the invention title to read Pyrrolylacylpiperidylamine compound and use thereof

2022293199 **CARBON REVOLUTION LIMITED** The nature of the amendment is: Amend the name of the inventor to read CHEE, Jayden; CORBETT, Timothy; DENMEAD, Ashley, James; KWOK, Eden; PRESSER, Marcus; TAYLOR, Nicholas and TRIPPIT, Barry

**Amendments**

2022360924 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack having improved safety

**2023**

2023200568 **Arbutus Biopharma Corporation** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023

2023238190 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read POLYLACTIDE RESIN COMPOSITION EXCELLENT IN CRYSTALLINITY DEGREE, AND METHOD FOR PREPARING THE SAME

2023254969 **Jinhua Shengxiang Tools Co., Ltd** The nature of the amendment is: Amend the priority details to read 202320334308.4 16 Feb 2023 CN

**Alteration of Name(s) of Applicant(s)/Patentee(s)**

**2005**

2005329051 Cellnet Innovations, Inc. The name of the patentee has been altered to **Landis+Gyr Technology, Inc.**

**2008**

2008214329 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

**2009**

2009296407 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

**2010**

2010215876 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

**2011**

2011253703 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

**2013**

2013318629 Aziyo Med, LLC The name of the patentee has been altered to **Elutia Med LLC**

**2016**

2016261504 Wilson Wolf Manufacturing The name of the patentee has been altered to **Wilson Wolf Manufacturing, LLC**

2016262615 Crestovo Holdings LLC The name of the patentee has been altered to **Finch Therapeutics Holdings LLC**

**2017**

2017277399 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

2017321445 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

**Amendments**

2017342262 AI Therapeutics, Inc. The name of the applicant has been altered to **Orphai Therapeutics Inc.**

**2018**

2018294561 ACROTECH BIOPHARMA LLC The name of the applicant has been altered to **Acrotech Biopharma, Inc.**

2018346758 Advanced Scanners, Inc. The name of the patentee has been altered to **VISIE Inc.**

2018400861 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

2018400897 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

2018416242 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

**2019**

2019200738 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

2019264834 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2019283952 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

2019401591 XSLENT Energy Technologies, LLC The name of the applicant has been altered to **Apparent Labs, LLC**

**2020**

2020204639 XSLENT Energy Technologies, LLC The name of the patentee has been altered to **Apparent Labs, LLC**

2020289766 Kotobuki Holdings Co., Ltd. The name of the patentee has been altered to **TAKAGI Co., Ltd.**

**2021**

2021464041 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

2021467183 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

**2022**

2022212677 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

2022224708 Kotobuki Holdings Co., Ltd. The name of the applicant has been altered to **TAKAGI Co., Ltd.**

**Amendments**

2022230519 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

2022272302 OPNA BIO SA; Aaron ALBERS The name of the applicant has been altered to **OPNA BIO SA**

2022291322 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

2022299311 AQUILO SPORTS LLC; John-Paul SPENCE ; Christian BUCKLEY; Paul A. SPENCE The name of the applicant has been altered to **AQUILO SPORTS LLC**

2022444365 SHANGRAO JINKO SOLAR TECHNOLOGY DEVELOPMENT CO., LTD. The name of the applicant has been altered to **Shangrao Xinyuan YueDong Technology Development Co. Ltd**

**2023**

2023200401 Advanced Scanners, Inc. The name of the applicant has been altered to **VISIE Inc.**

2023282306 Pizzeys Patent and Trade Mark Attorneys Pty Ltd ; Air Products and Chemicals, Inc. The name of the applicant has been altered to **Air Products and Chemicals, Inc.**

Applications Open to Public Inspection

Name Index

- . (\*) Title not in Roman characters
- . (\*\*) Title not given

<p>(71) Abiomed Europe GmbH (11) AU-A-2023282202 (21) 2023282202 (22) 12.12.2023 (54) Intravascular blood pump with balloon (51) Int. Cl. A61M 60/178 ( 2021.01 ) A61M 60/17 ( 2021.01 ) (43) 04.01.2024 (62) 2018262630 (72) SIESS, Thorsten; NIX, Christoph; ABOULHOSN, Walid (74) Spruson &amp; Ferguson</p>	<p>(54) Booking and pricing system for vets (51) Int. Cl. G06Q 10/10 ( 2012.01 ) G06Q 30/06 ( 2012.01 ) G06Q 50/10 ( 2012.01 ) (31) 2022901612 (32) 14.06.22 (33) AU (43) 04.01.2024 (72) Ajail, Leith (74) leith ajail</p>	<p>(71) Angel Group Co., Ltd. (11) AU-A-2023282210 (21) 2023282210 (22) 13.12.2023 (54) CARD READING DEVICE AND TABLETOP GAME SYSTEM (51) Int. Cl. A63F 1/14 ( 2006.01 ) A63F 1/06 ( 2006.01 ) A63F 13/00 ( 2014.01 ) (43) 04.01.2024 (62) 2021245247 (72) Shigeta, Yasushi (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Aclarion, Inc.; The Regents of the University of California (11) AU-A-2023282173 (21) 2023282173 (22) 11.12.2023 (54) MR SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAINFUL AND NON-PAINFUL INTERVERTEBRAL DISCS (51) Int. Cl. A61B 5/055 ( 2006.01 ) (43) 04.01.2024 (62) 2021254588 (72) PEACOCK III, James C; CLAUDE, John P; KANE, Paul H; LOTZ, Jeffrey C (74) Halfords IP</p>	<p>(71) AKDAŞ OUTDOOR AV ANONİM ŞİRKETİ (11) AU-A-2022231652 (21) 2022231652 (22) 12.09.2022 (54) BOLT STOP MECHANISM FOR SEMI-AUTOMATIC GUNS (51) Int. Cl. F41A 17/66 ( 2006.01 ) F41A 3/68 ( 2006.01 ) F41A 5/14 ( 2006.01 ) F41A 15/12 ( 2006.01 ) (31) 2022/009816 (32) 13.06.22 (33) TR (43) 04.01.2024 (72) AKDAŞ, Sadik (74) AJ PARK</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2023278048 (21) 2023278048 (22) 06.12.2023 (54) GAMING MACHINE FOR CONSECUTIVE ASCENDING AWARDS (51) Int. Cl. A63F 13/00 ( 2014.01 ) (43) 04.01.2024 (62) 2022200674 (72) Cuddy, Ryan; Nelson, Lyndsay (74) James &amp; Wells Intellectual Property</p>
<p>(71) Aerbetic, Inc. (11) AU-A-2023282225 (21) 2023282225 (22) 13.12.2023 (54) NON-INVASIVE MONITORING SYSTEM (51) Int. Cl. A61B 5/00 ( 2006.01 ) A61B 5/1477 ( 2006.01 ) (43) 04.01.2024 (62) 2019380538 (72) Thors, Arnar; Housh, Eric; Cooper, Lloyd; Fitzgerald, Matt (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) Amgen Inc. (11) AU-A-2023278067 (21) 2023278067 (22) 07.12.2023 (54) ASGR inhibitors (51) Int. Cl. C07K 16/28 ( 2006.01 ) A61K 39/395 ( 2006.01 ) A61P 3/06 ( 2006.01 ) A61P 9/00 ( 2006.01 ) (43) 04.01.2024 (62) 2016332900 (72) Nioi, Paul; Coward, Peter; Murawsky, Christopher; Piper, Derek E.; Garces, Fernando; Zhang, Jun; Li, Yang; Chan, Brian Mingtung (74) Spruson &amp; Ferguson</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2023278057 (21) 2023278057 (22) 06.12.2023 (54) A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME (51) Int. Cl. A63F 13/00 ( 2014.01 ) (43) 04.01.2024 (62) 2021266340 (72) Milliner, John; Brunelle, Rachel (74) James &amp; Wells Intellectual Property</p>
<p>(71) AFINITI, LTD. (11) AU-A-2023278103 (21) 2023278103 (22) 08.12.2023 (54) Techniques for benchmarking performance in a contact center system (51) Int. Cl. G06Q 10/06 ( 2023.01 ) (43) 04.01.2024 (62) 2021250985 (72) CHISHTI, Zia (74) Allens Patent &amp; Trade Mark Attorneys</p>	<p>(71) Amgen Inc. (11) AU-A-2023282182 (21) 2023282182 (22) 11.12.2023 (54) Method of treating or ameliorating metabolic disorders using antagonistic binding proteins for gastric inhibitory peptide receptor (GIPR)/GLP-1 receptor or agonist fusion proteins (51) Int. Cl. C07K 16/28 ( 2006.01 ) A61K 38/26 ( 2006.01 ) (43) 04.01.2024 (62) 2018288852 (72) WALKER, Kenneth W.; HOLDER, Jerry Ryan; LLOYD, David J.; LU, Shu-Chen; VENIANT-ELLISON, Murielle M.; STANISLAUS, Shanaka (74) Spruson &amp; Ferguson</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2023278084 (21) 2023278084 (22) 07.12.2023 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (51) Int. Cl. G07F 17/34 ( 2006.01 ) (43) 04.01.2024 (62) 2021273597 (72) LI, JUN JANELLE (74) Griffith Hack</p>
<p>(71) ajail, I. (11) AU-A-2022252825 (21) 2022252825 (22) 14.10.2022</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2023278091</p>	

Applications Open to Public Inspection - Name Index cont'd

(21) 2023278091 (22) 08.12.2023  
 (54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM  
 (51) Int. Cl.  
**A63F 13/45** ( 2014.01 )  
**A63F 13/25** ( 2014.01 )  
**A63F 13/40** ( 2014.01 )  
 (43) 04.01.2024  
 (62) 2021240306  
 (72) VISSER, Antoon Christiaan  
 (74) Griffith Hack

(71) Artax BioPharma Inc.  
 (11) AU-A-2023282201  
 (21) 2023282201 (22) 12.12.2023  
 (54) Chromene derivatives as inhibitors of TCR-Nck interaction  
 (51) Int. Cl.  
**C07D 311/58** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2019229258  
 (72) CASTRO, Julio; GAGETE MATEOS, Andrés; MACHIN, Peter J.; VANDEUSEN, Christopher Loren  
 (74) Spruson & Ferguson

(71) Asahi Kasei Kabushiki Kaisha  
 (11) AU-A-2023203655  
 (21) 2023203655 (22) 12.06.2023  
 (54) METHOD AND SYSTEM FOR AMMONIA RECOVERY  
 (51) Int. Cl.  
**B01D 61/44** ( 2006.01 )  
**B01D 19/00** ( 2006.01 )  
**B01D 53/58** ( 2006.01 )  
**C01C 1/10** ( 2006.01 )  
**C02F 1/20** ( 2023.01 )  
**C02F 1/469** ( 2023.01 )  
**C07C 275/00** ( 2006.01 )  
 (31) 2022 095921 (32) 14.06.22 (33) JP  
 2022 095931 14.06.22 JP  
 2022 096021 14.06.22 JP  
 (43) 04.01.2024  
 (72) KIGUCHI, Akira; SUGA, Yuki; FUJITA, Mitsuru  
 (74) Griffith Hack

(71) Assa Abloy AB  
 (11) AU-A-2023278095  
 (21) 2023278095 (22) 08.12.2023  
 (54) Reader coordination for access control  
 (51) Int. Cl.  
**G07C 9/00** ( 2020.01 )

**G07C 9/28** ( 2020.01 )  
 (43) 04.01.2024  
 (62) 2020247107  
 (72) PIRCH, Hans-Juergen; EINBERG, Fredrik Carl Stefan; JONSSON, Tomas Lars; PREVOST, Sylvain Jacques; STEFFL, Jan; FRANK, Hans Gunnar  
 (74) Davies Collison Cave Pty Ltd

(71) ATI Properties LLC  
 (11) AU-A-2023282167  
 (21) 2023282167 (22) 11.12.2023  
 (54) Creep Resistant Titanium Alloys  
 (51) Int. Cl.  
**C22C 14/00** ( 2006.01 )  
**C22F 1/18** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2022247663  
 (72) BRYAN, David J.; MANTIONE, John V.; GARCIA-AVILA, Matias  
 (74) K&L Gates

(71) Avidity Biosciences, Inc.  
 (11) AU-A-2023278129  
 (21) 2023278129 (22) 11.12.2023  
 (54) Nucleic acid-polypeptide compositions and methods of inducing exon skipping  
 (51) Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61K 47/64** ( 2017.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018205259  
 (72) LEVIN, Arthur A.; GEALL, Andrew John; DOPPALAPUDI, Venkata Ramana; COCHRAN, Michael Caramian; HUANG, Hanhua; BURKE, Rob  
 (74) FB Rice Pty Ltd

(71) BASF SE  
 (11) AU-A-2023282198  
 (21) 2023282198 (22) 12.12.2023  
 (54) Pesticidal mixtures comprising a pyrazole compound  
 (51) Int. Cl.  
**A01N 43/56** ( 2006.01 )  
**A01N 43/34** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018287131  
 (72) Reinhard, Robert; Soergel, Sebastian; Langewald, Juergen  
 (74) Griffith Hack

(71) Basso Industry Corp.  
 (11) AU-A-2023203590  
 (21) 2023203590 (22) 08.06.2023  
 (54) Lifting gear assembly and electric nail gun having the same  
 (51) Int. Cl.  
**B25C 1/06** ( 2006.01 )  
**B25C 1/04** ( 2006.01 )

(31) 111121456 (32) 09.06.22 (33) TW  
 (43) 04.01.2024  
 (72) Liu, An-Gi; Lin, Chang-Sheng; Huang, Fu-Ying  
 (74) FPA Patent Attorneys Pty Ltd

(71) Bayer HealthCare LLC  
 (11) AU-A-2023282197  
 (21) 2023282197 (22) 12.12.2023  
 (54) Combination of regorafenib and PD-1/PD-L1(2) inhibitors for treating cancer  
 (51) Int. Cl.  
**A61K 31/44** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018276273  
 (72) Hoff, Sabine; Röse, Lars; Zopf, Dieter; Kiessling, Fabian; Lederle, Wiltrud; Doleschel, Dennis  
 (74) Davies Collison Cave Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
 (11) AU-A-2023203583  
 (21) 2023203583 (22) 08.06.2023  
 (54) METHOD FOR TRAINING NEURAL NETWORK MODEL AND METHOD FOR GENERATING IMAGE  
 (51) Int. Cl.  
**G06T 7/521** ( 2017.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 1/40** ( 2006.01 )  
**G06T 15/06** ( 2011.01 )  
**G06V 20/56** ( 2022.01 )  
**G06V 20/58** ( 2022.01 )  
 (31) 202210662178.7 (32) 13.06.22 (33) CN  
 (43) 04.01.2024  
 (72) YAN, Yan; CHEN, Yuntao; WANG, Naiyan  
 (74) Halfords IP

(71) Bilge, H.  
 (11) AU-A-2023278062  
 (21) 2023278062 (22) 07.12.2023  
 (54) UNIVERSAL Z-Z CHANNEL FOR MOUNTING WALL PANELS TO EXISTING WALL  
 (51) Int. Cl.  
**E04F 13/22** ( 2006.01 )  
**E04F 13/08** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2022200889  
 (72) Bilge, Henry  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz  
 (11) AU-A-2023278107  
 (21) 2023278107 (22) 08.12.2023  
 (54) 3' UTR sequences for stabilization of RNA

Applications Open to Public Inspection - Name Index cont'd

- (51) Int. Cl.  
**C12N 15/67** ( 2006.01 )
- (43) 04.01.2024  
(62) 2021206886  
(72) Orlandini Von Niessen, Alexandra; Fesser, Stephanie; Vallazza, Britta; Beissert, Tim; Kuhn, Andreas; Sahin, Ugur; Poleganov, Marco Alexander  
(74) FB Rice Pty Ltd
- 
- (71) BlueScope Steel Limited  
(11) AU-A-2023282196  
(21) 2023282196 (22) 12.12.2023  
(54) Metal-coated steel strip  
(51) Int. Cl.  
**C23C 2/06** ( 2006.01 )  
**C23C 2/12** ( 2006.01 )  
**C23C 2/14** ( 2006.01 )  
**C23C 2/28** ( 2006.01 )
- (43) 04.01.2024  
(62) 2021221884  
(72) LIU, Qiyang; RENSHAW, Wayne; WILLIAMS, Joe  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) BPW Bergische Achsen KG  
(11) AU-A-2023282199  
(21) 2023282199 (22) 12.12.2023  
(54) DISC BRAKE, BRAKE CALIPER OF A DISC BRAKE, AS WELL AS HOLD-DOWN PIECE AND LEAF SPRING FOR SECURING THE BRAKE LININGS OF A DISC BRAKE  
(51) Int. Cl.  
**F16D 55/2255** ( 2006.01 )  
**F16D 65/00** ( 2006.01 )
- (43) 04.01.2024  
(62) 2018253796  
(72) Goyke, Georg  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Bright Clinical Research Limited  
(11) AU-A-2023278032  
(21) 2023278032 (22) 06.12.2023  
(54) A radar system for dynamically monitoring and guiding ongoing clinical trials  
(51) Int. Cl.  
**A61B 8/00** ( 2006.01 )
- (43) 04.01.2024  
(62) 2021226201  
(72) XIE, Tailiang  
(74) Jogias Patent and Trade Mark Attorneys
- 
- (71) Brilliant Light Power, Inc.  
(11) AU-A-2023282169  
(21) 2023282169 (22) 11.12.2023  
(54) Power generation systems and methods regarding same  
(51) Int. Cl.  
**C01B 3/00** ( 2006.01 )  
**H01M 14/00** ( 2006.01 )  
**H05H 1/00** ( 2006.01 )
- (43) 04.01.2024  
(62) 2022221435  
(72) MILLS, Randall  
(74) Spruson & Ferguson
- 
- (71) British American Tobacco (Investments) Limited  
(11) AU-A-2023278116  
(21) 2023278116 (22) 08.12.2023  
(54) Apparatus for heating smokable material  
(51) Int. Cl.  
**A24F 47/00** ( 2020.01 )
- (43) 04.01.2024  
(62) 2022200981  
(72) THORSEN, Mitchel; WOODMAN, Thomas; SHANNON, Stephen  
(74) Spruson & Ferguson
- 
- (71) Castle Fit Corporation  
(11) AU-A-2023203710  
(21) 2023203710 (22) 14.06.2023  
(54) MULTIMODAL FITNESS BAR  
(51) Int. Cl.  
**A63B 24/00** ( 2006.01 )  
**A63B 21/04** ( 2006.01 )  
**A63B 21/055** ( 2006.01 )
- (31) 17/840,519 (32) 14.06.22 (33) US  
(43) 04.01.2024  
(72) CASTLE, Daniel  
(74) Griffith Hack
- 
- (71) CATERPILLAR INC.  
(11) AU-A-2023203278  
(21) 2023203278 (22) 25.05.2023  
(54) MOUNTING SYSTEM FOR WORK MACHINE  
(51) Int. Cl.  
**F16M 13/02** ( 2006.01 )  
**E02F 3/38** ( 2006.01 )  
**E02F 9/08** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**G01D 11/30** ( 2006.01 )
- (31) 17/806,106 (32) 09.06.22 (33) US  
(43) 04.01.2024  
(72) MATHEW, Shawn N.; MILKOWSKI, Arthur; PLOUZEK, John M.; LAY, Noman K.; SHAIK, Subhani M.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CATERPILLAR INC.  
(11) AU-A-2023203288  
(21) 2023203288 (22) 25.05.2023  
(54) SYSTEM AND METHOD FOR MONITORING HEALTH PARAMETERS OF BATTERY PACK  
(51) Int. Cl.  
**H01M 10/48** ( 2006.01 )  
**G01R 31/36** ( 2020.01 )  
**G01R 31/382** ( 2019.01 )  
**G01R 31/385** ( 2019.01 )  
**G01R 31/392** ( 2019.01 )  
**H01M 6/50** ( 2006.01 )  
**H01M 10/42** ( 2006.01 )
- (31) 17/806,506 (32) 13.06.22 (33) US
- 
- (43) 04.01.2024  
(72) DASAMUTHU, Devaraj G.; GREEN, Christopher J.; STUBBS, Adam J.; BADAM, Nikhil  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Centogene GmbH  
(11) AU-A-2023270246  
(21) 2023270246 (22) 21.11.2023  
(54) METHOD FOR THE DIAGNOSIS OF CYSTIC FIBROSIS  
(51) Int. Cl.  
**G01N 33/92** ( 2006.01 )
- (43) 04.01.2024  
(62) 2017253267  
(72) Claudia Cozma  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Chouman, M.  
(11) AU-A-2022204099  
(21) 2022204099 (22) 13.06.2022  
(54) Perpetual Motion Wheel  
(51) Int. Cl.  
**F03G 7/10** ( 2006.01 )  
**H02K 53/00** ( 2006.01 )  
**H02N 11/00** ( 2006.01 )
- (43) 04.01.2024  
(72) Chouman, Melinda  
(74) Melinda Chouman
- 
- (71) Cosucra Groupe Warcoing S.A.  
(11) AU-A-2023278130  
(21) 2023278130 (22) 11.12.2023  
(54) Cream substitute comprising pulse protein  
(51) Int. Cl.  
**A23L 33/185** ( 2016.01 )  
**A23G 9/42** ( 2006.01 )  
**A23L 9/20** ( 2016.01 )  
**A61K 36/48** ( 2006.01 )
- (43) 04.01.2024  
(62) 2018377974  
(72) GAUTIER, Gaele; BEGUIN, Pauline; VERVACKE, Christophe; PIHEN, Julie  
(74) Spruson & Ferguson
- 
- (71) Custom Projects Collective Pty Ltd  
(11) AU-A-2023203563  
(21) 2023203563 (22) 07.06.2023  
(54) Fastening System  
(51) Int. Cl.  
**A01K 1/03** ( 2006.01 )  
**A01K 1/035** ( 2006.01 )  
**A01K 31/06** ( 2006.01 )
- (31) 2022901570 (32) 08.06.22 (33) AU  
(43) 04.01.2024  
(72) COLE, Greg  
(74) Oxygene IP
- 
- (71) CytomX Therapeutics, Inc.  
(11) AU-A-2023278068  
(21) 2023278068 (22) 07.12.2023  
(54) Matriptase and u-plasminogen activator substrates and other cleavable moieties and methods of use thereof

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2020205249  
**(72)** NGUYEN, Margaret Thy Luu; MOORE, Stephen James; HOSTETTER, Daniel Robert; VASILJEVA, Olga  
**(74)** Spruson & Ferguson

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**(71)** DataInfoCom USA, Inc.  
**(11)** AU-A-2022287590  
**(21)** 2022287590 **(22)** 13.12.2022  
**(54)** SYSTEMS AND METHODS FOR INFORMATION RETRIEVAL AND EXTRACTION  
**(51)** Int. Cl.  
**G06V 30/41** ( 2022.01 )  
**G06F 16/24** ( 2019.01 )  
**G06N 20/00** ( 2019.01 )  
**G06V 10/10** ( 2022.01 )  
**G06V 30/416** ( 2022.01 )  
**(31)** 17/837,017 **(32)** 09.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Wang, Wensu  
**(74)** James & Wells Intellectual Property

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**(71)** Deere & Company  
**(11)** AU-A-2023202039  
**(21)** 2023202039 **(22)** 03.04.2023  
**(54)** Row unit overlap avoidance system and method  
**(51)** Int. Cl.  
**A01C 7/08** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
**(31)** 17/836,544 **(32)** 09.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Dhobale, Dnyanesh K.; Garner, Elijah B.; Harmon, Andrew W.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023202134  
**(21)** 2023202134 **(22)** 06.04.2023  
**(54)** Press wheel  
**(51)** Int. Cl.  
**A01C 5/06** ( 2006.01 )  
**A01B 29/04** ( 2006.01 )  
**(31)** 17/837,539 **(32)** 10.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Garner, Elijah B.; Borkgren, Stanley R.; Groves, Tyler G.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023202780  
**(21)** 2023202780 **(22)** 04.05.2023  
**(54)** Tool bar down lighting on agricultural implement  
**(51)** Int. Cl.  
**G06K 19/00** ( 2006.01 )  
**A01B 49/02** ( 2006.01 )  
**A01B 76/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**H05B 45/00** ( 2022.01 )  
**H05B 47/11** ( 2020.01 )  
**(31)** 17/835,586 **(32)** 08.06.22 **(33)** US

**(43)** 04.01.2024  
**(72)** Demski, Nathan R.; Keen, Eric A.; Potter, Benjamin C.; Klein, Mark D.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023202782  
**(21)** 2023202782 **(22)** 04.05.2023  
**(54)** Fertilizer blockage cleaning system for an agricultural fertilizer spreader  
**(51)** Int. Cl.  
**A01C 15/16** ( 2006.01 )  
**A01C 7/08** ( 2006.01 )  
**A01C 7/20** ( 2006.01 )  
**A01C 15/00** ( 2006.01 )  
**(31)** 17/835,063 **(32)** 08.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Morales, Oscar De Jesus  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023203115  
**(21)** 2023203115 **(22)** 18.05.2023  
**(54)** Accumulator cotton compress assembly  
**(51)** Int. Cl.  
**A01D 46/08** ( 2006.01 )  
**(31)** 63/366,329 **(32)** 14.06.22 **(33)** US  
 18/301,351 17.04.23 US  
**(43)** 04.01.2024  
**(72)** Robison, Jeremy P.; Wigdahl, Jeffrey S.; Wallestad, Steven D.; Hummel, Justin E.  
**(74)** Davies Collison Cave Pty Ltd

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**DEMIR, S. see SAHIN, F.**  
**(21)** 2022459560

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**(71)** Dexcom, Inc.  
**(11)** AU-A-2023278076  
**(21)** 2023278076 **(22)** 07.12.2023  
**(54)** Adaptive interface for continuous monitoring devices  
**(51)** Int. Cl.  
**G16H 40/67** ( 2018.01 )  
**(43)** 04.01.2024  
**(62)** 2021240217  
**(72)** MAYOU, Phil; BHAVARAJU, Naresh C.; BOWMAN, Leif N.; CARLTON, Alexandra Lynn; DUNN, Laura J.; GRUBSTEIN, Katherine Yerre; MAHALINGAM, Aarthi; REIHMAN, Eli; SIMPSON, Peter C.  
**(74)** FB Rice Pty Ltd

**(43)** 04.01.2024  
**(62)** 2017358322  
**(72)** DISSING, Claus Hornstrup  
**(74)** Spruson & Ferguson

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**(71)** DRAEGER SAFETY AG & CO. KGAA  
**(11)** AU-A-2023203433  
**(21)** 2023203433 **(22)** 01.06.2023  
**(54)** Analyzing apparatus with a motor and a cam disk and analyzing process using such analyzing apparatus  
**(51)** Int. Cl.  
**G01N 1/22** ( 2006.01 )  
**F16H 53/02** ( 2006.01 )  
**G01N 1/24** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/497** ( 2006.01 )  
**G01N 33/98** ( 2006.01 )  
**(31)** 102022114344.9 **(32)** 08.06.22 **(33)** DE  
**(43)** 04.01.2024  
**(72)** REKOW, Jens; BAESLER, Malte; REIER, Tobias; FRANCO, Luis Brunswick  
**(74)** Oxygene IP

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**(71)** Eagle Research Labs Limited  
**(11)** AU-A-2023278113  
**(21)** 2023278113 **(22)** 08.12.2023  
**(54)** Dantrolene prodrugs and methods of their use  
**(51)** Int. Cl.  
**C07D 405/12** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2018351494  
**(72)** WESCOTT, Charles; HEPNER, Adrian; LARSON, Alyssa  
**(74)** ALLENS PATENT & TRADE MARK ATTORNEYS

**(71)** Ecoboxtec Pty Ltd  
**(11)** AU-A-2023203488  
**(21)** 2023203488 **(22)** 05.06.2023  
**(54)** REVERSE VENDING MACHINE  
**(51)** Int. Cl.  
**G07F 7/06** ( 2006.01 )  
**B65F 1/00** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
**(31)** 2022901566 **(32)** 08.06.22 **(33)** AU  
**(43)** 04.01.2024  
**(72)** Craeye, Julien; Lennon, Michael  
**(74)** Michael Buck IP

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**(71)** Einhell Germany AG  
**(11)** AU-A-2023203450  
**(21)** 2023203450 **(22)** 01.06.2023  
**(54)** METHOD AND COMMUNICATION SYSTEM FOR THE COUPLED OPERATION OF AN ELECTRIC WASHING BRUSH OF AN ELECTRIC PUMP DEVICE  
**(51)** Int. Cl.  
**H02J 7/34** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
**B08B 3/04** ( 2006.01 )  
**B08B 7/04** ( 2006.01 )

**(71)** Deere & Company  
**(11)** AU-A-2023202039  
**(21)** 2023202039 **(22)** 03.04.2023  
**(54)** Row unit overlap avoidance system and method  
**(51)** Int. Cl.  
**A01C 7/08** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
**(31)** 17/836,544 **(32)** 09.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Dhobale, Dnyanesh K.; Garner, Elijah B.; Harmon, Andrew W.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023202134  
**(21)** 2023202134 **(22)** 06.04.2023  
**(54)** Press wheel  
**(51)** Int. Cl.  
**A01C 5/06** ( 2006.01 )  
**A01B 29/04** ( 2006.01 )  
**(31)** 17/837,539 **(32)** 10.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** Garner, Elijah B.; Borkgren, Stanley R.; Groves, Tyler G.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Deere & Company  
**(11)** AU-A-2023202780  
**(21)** 2023202780 **(22)** 04.05.2023  
**(54)** Tool bar down lighting on agricultural implement  
**(51)** Int. Cl.  
**G06K 19/00** ( 2006.01 )  
**A01B 49/02** ( 2006.01 )  
**A01B 76/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**H05B 45/00** ( 2022.01 )  
**H05B 47/11** ( 2020.01 )  
**(31)** 17/835,586 **(32)** 08.06.22 **(33)** US

**(71)** Deere & Company  
**(11)** AU-A-2023202780  
**(21)** 2023202780 **(22)** 04.05.2023  
**(54)** Tool bar down lighting on agricultural implement  
**(51)** Int. Cl.  
**G06K 19/00** ( 2006.01 )  
**A01B 49/02** ( 2006.01 )  
**A01B 76/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**H05B 45/00** ( 2022.01 )  
**H05B 47/11** ( 2020.01 )  
**(31)** 17/835,586 **(32)** 08.06.22 **(33)** US

**(71)** Dissing A/S  
**(11)** AU-A-2023278104  
**(21)** 2023278104 **(22)** 08.12.2023  
**(54)** Device for positioning an object relatively to a support by an inflatable air cushion member in combination with a support block  
**(51)** Int. Cl.  
**B66F 3/35** ( 2006.01 )  
**B66F 5/04** ( 2006.01 )  
**E04F 21/00** ( 2006.01 )



Applications Open to Public Inspection - Name Index cont'd

**F04D 13/06** ( 2006.01 )  
**H02J 1/10** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**(31)** 10 2022 114 570.0 **(32)** 09.06.22 **(33)** DE  
**(43)** 04.01.2024  
**(72)** MAYR, Stefan  
**(74)** Griffith Hack

**(71)** Eli Lilly and Company  
**(11)** AU-A-2023278117  
**(21)** 2023278117 **(22)** 08.12.2023  
**(54)** Method and system for determining glucose change in a subject

**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**A61B 5/145** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2020310616  
**(72)** EL FATHI, Anas; HAIDAR, Ahmad  
**(74)** Spruson & Ferguson

**(71)** El-Sheik, R.  
**(11)** AU-A-2022204096  
**(21)** 2022204096 **(22)** 12.06.2022  
**(54)** COMBINATION LOCK  
**(51)** Int. Cl.  
**E05B 37/00** ( 2006.01 )  
**E05B 67/06** ( 2006.01 )  
**G07C 9/00** ( 2020.01 )  
**(43)** 04.01.2024  
**(72)** El-Sheik, Romel  
**(74)** protectmyidea.com.au

**(71)** Epizyme, Inc.  
**(11)** AU-A-2023282217  
**(21)** 2023282217 **(22)** 13.12.2023  
**(54)** METHODS OF TREATING CANCER  
**(51)** Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**(43)** 04.01.2024  
**(62)** 2020205261  
**(72)** Keilhack, Heike; Warholic, Natalie; Knutson, Sarah K.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** ETA Green Power Limited  
**(11)** AU-A-2023203327  
**(21)** 2023203327 **(22)** 29.05.2023  
**(54)** A MOTOR CONTROL CONTROLLER SYSTEM AND METHODS  
**(51)** Int. Cl.  
**H02P 29/00** ( 2016.01 )  
**H02P 1/22** ( 2006.01 )  
**H02P 1/28** ( 2006.01 )  
**H02P 6/14** ( 2016.01 )  
**H02P 7/281** ( 2016.01 )  
**H02P 21/36** ( 2016.01 )  
**H02P 27/06** ( 2006.01 )  
**(31)** 2208546.8 **(32)** 10.06.22 **(33)** GB  
**(43)** 04.01.2024  
**(72)** Bowman, Liam; Cheeseman, Alistair  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Eye Therapies, LLC  
**(11)** AU-A-2023282222  
**(21)** 2023282222 **(22)** 13.12.2023  
**(54)** Low-dose brimonidine combinations and uses thereof  
**(51)** Int. Cl.  
**A61K 31/498** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )

**(43)** 04.01.2024  
**(62)** 2018279074  
**(72)** HORN, Gerald  
**(74)** Spruson & Ferguson

**(71)** Faresin Industries S.p.a.; Universita' Degli Studi Di Padova  
**(11)** AU-A-2023203603  
**(21)** 2023203603 **(22)** 09.06.2023  
**(54)** Process for cutting a forage for animal feed  
**(51)** Int. Cl.

**A01F 25/20** ( 2006.01 )  
**A01K 5/00** ( 2006.01 )  
**(31)** 102022000012275 **(32)** 09.06.22 **(33)** IT  
**(43)** 04.01.2024  
**(72)** FARESIN, Sante; FARESIN, Silvia; IGINO, SERVA, Lorenzo; BISON, Giacomo; MAGRIN, Luisa; MARCHESINI, Giorgio; ZAGO, Mattia  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Fasteners for Retail, Inc.  
**(11)** AU-A-2023278115  
**(21)** 2023278115 **(22)** 08.12.2023  
**(54)** RETAIL MERCHANDISE SHELVING SYSTEM  
**(51)** Int. Cl.  
**A47F 5/10** ( 2006.01 )  
**A47B 45/00** ( 2006.01 )  
**A47B 57/58** ( 2006.01 )

**(43)** 04.01.2024  
**(62)** 2021202375  
**(72)** Smedley, Jamie A.; Mertz, William Joseph  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2023278049  
**(21)** 2023278049 **(22)** 06.12.2023  
**(54)** METHODS AND APPARATUS FOR HIGH GAS FLOW  
**(51)** Int. Cl.  
**A61M 16/10** ( 2006.01 )

**(43)** 04.01.2024  
**(62)** 2022283789  
**(72)** White, Craig Karl; Evans, Alicia Jerram Hunter; Payton, Matthew Jon; Keogh, Geraldine; Connolly, Nick; Patel, Anil; Nouraei, Reza  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2023278090  
**(21)** 2023278090 **(22)** 08.12.2023

**(54)** MEDICAL TUBES AND METHODS OF MANUFACTURE  
**(51)** Int. Cl.  
**A61M 16/08** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2017381865  
**(72)** Petrochenko, Anton; Liang, Wenjie Robin; Tonkin, Paul James  
**(74)** AJ PARK

**(71)** FMC Technologies, Inc.  
**(11)** AU-A-2023282195  
**(21)** 2023282195 **(22)** 12.12.2023  
**(54)** SUBMERSIBLE REMOTE OPERATED VEHICLE TOOL INTERCHANGE  
**(51)** Int. Cl.  
**B25J 19/00** ( 2006.01 )  
**B25J 15/04** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2020253607  
**(72)** CORRELL, Richard Brian; KLASSEN, William P.; KLEPPINGER, Clayton Paul; LANGLEY, Philip David; SCHMALJOHANN, Justin Daniel; BOSLER, Ryan Mitchell; KESLING, William Dawson; ADE, Chris Alexander  
**(74)** RnB IP Pty Ltd

**(71)** Fujikura Ltd.  
**(11)** AU-A-2023278042  
**(21)** 2023278042 **(22)** 06.12.2023  
**(54)** Method of exposing core of optical fiber cable and optical fiber cable  
**(51)** Int. Cl.  
**G02B 6/44** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2020392837  
**(72)** OHNO, Masatoshi; MUKAI, Okimi; TAKI, Go; SHIMIZU, Shogo; INAGAKI, Ryo; NAMAZUE, Akira; OSATO, Ken  
**(74)** FB Rice Pty Ltd

**(71)** Fujikura Ltd.  
**(11)** AU-A-2023278043  
**(21)** 2023278043 **(22)** 06.12.2023  
**(54)** Optical fiber cable production method, and optical fiber cable  
**(51)** Int. Cl.  
**G02B 6/44** ( 2006.01 )

**(43)** 04.01.2024  
**(62)** 2020362409  
**(72)** KAJI, Tomoaki; NAMAZUE, Akira; OSATO, Ken  
**(74)** FB Rice Pty Ltd

**(71)** G1 Therapeutics, Inc.  
**(11)** AU-A-2023282168  
**(21)** 2023282168 **(22)** 11.12.2023  
**(54)** Preservation of immune response during chemotherapy regimens  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 04.01.2024  
 (62) 2017372856  
 (72) Sorrentino, Jessica A.; Lai, Anne Y.; Strum, Jay C.; Roberts, Patrick Joseph  
 (74) Davies Collison Cave Pty Ltd

(71) G1 Therapeutics, Inc.  
 (11) AU-A-2023282170  
 (21) 2023282170 (22) 11.12.2023  
 (54) Preservation of immune response during chemotherapy regimens  
 (51) Int. Cl.  
*A61K 31/519* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2017372856  
 (72) Sorrentino, Jessica A.; Lai, Anne Y.; Strum, Jay C.; Roberts, Patrick Joseph  
 (74) Davies Collison Cave Pty Ltd

(71) General Electric Company  
 (11) AU-A-2023278050  
 (21) 2023278050 (22) 06.12.2023  
 (54) COMBUSTOR FOR A GAS TURBINE ENGINE  
 (51) Int. Cl.  
*F23R 3/34* ( 2006.01 )  
*F02C 3/20* ( 2006.01 )  
*F02C 7/22* ( 2006.01 )  
*F02C 9/40* ( 2006.01 )  
*F23R 3/36* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2021221937  
 (72) Giridharan, Manampathy G.; Naik, Pra-deep  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Getac Technology Corporation  
 (11) AU-A-2023200698  
 (21) 2023200698 (22) 09.02.2023  
 (54) 10137  
 (51) Int. Cl.  
*H01R 12/58* ( 2011.01 )  
*H01R 4/26* ( 2006.01 )  
*H01R 9/16* ( 2006.01 )  
*H01R 13/207* ( 2006.01 )  
*H01R 13/46* ( 2006.01 )  
*H01R 24/50* ( 2011.01 )  
 (31) 63/350,910 (32) 10.06.22 (33) US  
 202211314637.9 26.10.22 CN  
 (43) 04.01.2024  
 (72) JU, Shuan-Yeong  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Getac Technology Corporation  
 (11) AU-A-2023201571  
 (21) 2023201571 (22) 14.03.2023  
 (54) LATCHING MEMBER AND CASE WITH LATCHING MEMBER  
 (51) Int. Cl.  
*E05B 65/00* ( 2006.01 )  
*G06F 1/18* ( 2006.01 )  
 (31) 63/350,907 (32) 10.06.22 (33) US  
 202211430216.2 15.11.22 CN

(43) 04.01.2024  
 (72) HSU, Wan-Lin; CHANG, Juei-Chi  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Getzner Werkstoffe Holding GmbH  
 (11) AU-A-2023282176  
 (21) 2023282176 (22) 11.12.2023  
 (54) Switch  
 (51) Int. Cl.  
*E01B 3/46* ( 2006.01 )  
*E01B 7/22* ( 2006.01 )  
*E01B 9/68* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018371681  
 (72) LOY, Harald  
 (74) FB Rice Pty Ltd

(71) Google LLC  
 (11) AU-A-2023274198  
 (21) 2023274198 (22) 01.12.2023  
 (54) OBLIVIOUS CARRY RUNWAY REGISTERS FOR PERFORMING PIECEWISE ADDITIONS  
 (51) Int. Cl.  
*G06N 10/00* ( 2022.01 )  
 (43) 04.01.2024  
 (62) 2023202870  
 (72) Craig GIDNEY  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) GREEN GRID INC.  
 (11) AU-A-2023278096  
 (21) 2023278096 (22) 08.12.2023  
 (54) METHOD AND SYSTEM FOR UTILITY POWER LINES VEGETATION PROXIMITY MONITORING AND CONTROLLING  
 (51) Int. Cl.  
*G01S 17/89* ( 2020.01 )  
*G01S 13/89* ( 2006.01 )  
*G01S 15/89* ( 2006.01 )  
*G06Q 50/00* ( 2012.01 )  
 (43) 04.01.2024  
 (62) 2021236591  
 (72) SAHA, Chinmoy Prosun; PICKLES, Jeffrey Scott; KHOUZANI, Kourosh Jafari  
 (74) Oxygene IP

(71) GREEN GRID INC.  
 (11) AU-A-2023280675  
 (21) 2023280675 (22) 11.12.2023  
 (54) PHOTOVOLTAIC PANEL CLEANING SYSTEM  
 (51) Int. Cl.  
*H02S 40/10* ( 2014.01 )  
*B08B 5/02* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2021266274  
 (72) SAHA, Chinmoy Prosun; PICKLES, Jeffrey Scott  
 (74) Oxygene IP

(71) Griddy Holdings LLC  
 (11) AU-A-2023278132  
 (21) 2023278132 (22) 11.12.2023

(54) METHODS AND SYSTEMS FOR AN AUTOMATED UTILITY MARKET-PLACE PLATFORM

(51) Int. Cl.  
*G06Q 50/06* ( 2012.01 )  
*G06Q 30/02* ( 2023.01 )  
*G06Q 30/06* ( 2023.01 )  
*G06Q 40/06* ( 2012.01 )  
 (43) 04.01.2024  
 (62) 2018219961  
 (72) Bain, Nicholas Jordan; Craig, Gregory; Cass, David Robert; Dallafior, Luke; Rudder, Jason; Zarowitz, Jeremy; Cipes, Emily; Rohan, Anwar; Keyvani, Bardia; Shukla, Kabir; Cella, Charles  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Guangdong Eagler Geological Equipment Technology Co., Ltd  
 (11) AU-A-2023203614  
 (21) 2023203614 (22) 09.06.2023  
 (54) BALL-CLAMP TYPE FALL ARRESTER FOR DRILL PIPE  
 (51) Int. Cl.  
*E21B 40/00* ( 2006.01 )  
*E21B 19/00* ( 2006.01 )  
 (31) 202210665592.3 (32) 13.06.22 (33) CN  
 (43) 04.01.2024  
 (72) Liu, Xuyong; Li, Youlin; Deng, Guang-hong  
 (74) Madderns Pty Ltd

(71) HandyLab, Inc.  
 (11) AU-A-2023282224  
 (21) 2023282224 (22) 13.12.2023  
 (54) Polynucleotide capture materials, and methods of using same  
 (51) Int. Cl.  
*G01N 33/544* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2020202825  
 (72) Brahmasandra, Sundaresh N.; Boutt, Elizabeth  
 (74) FB Rice Pty Ltd

(71) Hanwha Azdel, Inc.  
 (11) AU-A-2023282221  
 (21) 2023282221 (22) 13.12.2023  
 (54) Impact resistant underbody shield materials and articles and methods of using them  
 (51) Int. Cl.  
*B29C 35/02* ( 2006.01 )  
*B32B 5/26* ( 2006.01 )  
*B32B 7/02* ( 2019.01 )  
*B32B 17/10* ( 2006.01 )  
*F41H 7/02* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2021277740  
 (72) YANG, Yankai; MESSINA, Anthony J.; MASON, Mark O.  
 (74) Spruson & Ferguson

(71) Herrington, H.  
 (11) AU-A-2023203623  
 (21) 2023203623 (22) 09.06.2023

Applications Open to Public Inspection - Name Index cont'd

- (54) A Seedling Guard  
 (51) Int. Cl.  
*A01G 13/02* ( 2006.01 )  
*A01G 13/04* ( 2006.01 )  
*A01G 13/10* ( 2006.01 )
- (31) 2022901581 (32) 09.06.22 (33) AU  
 2022903811 13.12.22 AU  
 2023901435 11.05.23 AU
- (43) 04.01.2024  
 (72) Herrington, Humphrey  
 (74) Eagar & Associates Pty Ltd
- 
- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2023278073  
 (21) 2023278073 (22) 07.12.2023  
 (54) AN IMAGE PROCESSING DEVICE  
 AND METHOD FOR PERFORMING  
 EFFICIENT DEBLOCKING  
 (51) Int. Cl.  
*H04N 19/117* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/42* ( 2014.01 )  
*H04N 19/82* ( 2014.01 )  
*H04N 19/86* ( 2014.01 )
- (43) 04.01.2024  
 (62) 2018415347  
 (72) Kotra, Anand Meher; Esenlik, Semih;  
 Zhao, Zhijie; Gao, Han  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Hunt Developments (UK) LTD.; Imperial  
 College Innovations Limited  
 (11) AU-A-2023203453  
 (21) 2023203453 (22) 02.06.2023  
 (54) Sampling Catheter  
 (51) Int. Cl.  
*A61B 10/02* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
*A61B 17/24* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )
- (31) 2208350.5 (32) 07.06.22 (33) GB  
 (43) 04.01.2024  
 (72) Hunt, Duncan; Hunt, Toby; Hunt, Tre-  
 vor; Hansel, Trevor T.  
 (74) Chapman Tripp Patents Limited
- 
- (71) Icahn School of Medicine at Mount  
 Sinai  
 (11) AU-A-2023270313  
 (21) 2023270313 (22) 23.11.2023  
 (54) Cell-specific expression of modRNA  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*C12N 15/00* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2017326535  
 (72) Lior Zangi; Ajit Magadum  
 (74) Griffith Hack
- 
- (71) Illinois Tool Works Inc.  
 (11) AU-A-2023203665  
 (21) 2023203665 (22) 13.06.2023  
 (54) Concrete slab load transfer and con-  
 nection apparatus  
 (51) Int. Cl.
- E01C 11/14* ( 2006.01 )
- (31) 63/352,003 (32) 14.06.22 (33) US  
 63/410,479 27.09.22 US  
 18/332,384 09.06.23 US
- (43) 04.01.2024  
 (72) Wiatrowski, Darrell A.; Nelli, Christoph-  
 er J.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Imbria Pharmaceuticals, Inc.  
 (11) AU-A-2023281715  
 (21) 2023281715 (22) 11.12.2023  
 (54) Compositions and methods for increas-  
 ing efficiency of cardiac metabolism  
 (51) Int. Cl.  
*A61K 31/455* ( 2006.01 )  
*A61K 31/495* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2018289303  
 (72) LEVIN, Andrew  
 (74) Spruson & Ferguson
- 
- Imperial College Innovations Limited see  
 Hunt Developments (UK) LTD.  
 (21) 2023203453
- 
- (71) INGURAN, LLC  
 (11) AU-A-2023278127  
 (21) 2023278127 (22) 11.12.2023  
 (54) LIGHT COLLECTION FROM OBJECTS  
 WITHIN A FLUID COLUMN  
 (51) Int. Cl.  
*G01B 11/00* ( 2006.01 )  
*G01N 15/10* ( 2006.01 )  
*G01N 15/14* ( 2006.01 )  
*G01N 21/01* ( 2006.01 )  
*G01N 21/17* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2022203542  
 (72) HEGYI, Alex; KIESEL, Peter; EVANS,  
 Kenneth Michael  
 (74) AJ PARK
- 
- (71) Jiangsu Hengrui Medicine Co., Ltd.;  
 Shanghai Hengrui Pharmaceutical Co.,  
 Ltd  
 (11) AU-A-2023278061  
 (21) 2023278061 (22) 07.12.2023  
 (54) Method for preparing benzofuran deriv-  
 ative  
 (51) Int. Cl.  
*C07D 405/14* ( 2006.01 )  
*C07C 51/363* ( 2006.01 )  
*C07C 63/70* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2018363467  
 (72) LU, Weidong; XU, Chao; ZHANG,  
 Haoyu; SHAO, Qiyun; FENG, Jun; HE,  
 Feng  
 (74) FB Rice Pty Ltd
- 
- Jinko Solar Co., Ltd. see Zhejiang Jinko  
 Solar Co., Ltd.  
 (21) 2022205149
- 
- Jinko Solar Co., Ltd. see ZHEJIANG  
 JINKO SOLAR CO., LTD.  
 (21) 2022206830
- 
- (71) Knappco Corporation  
 (11) AU-A-2023282207  
 (21) 2023282207 (22) 13.12.2023  
 (54) Optical fluid sensors for cross contam-  
 ination control systems  
 (51) Int. Cl.  
*B67D 7/34* ( 2010.01 )  
*G01N 21/85* ( 2006.01 )  
*G01N 33/28* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2023219804  
 (72) BJORNEBO, Erik Paul; BLAIR, Jef-  
 frey Joseph; DUDLEY, Mark William;  
 HENDERSON, Richard Lee  
 (74) Spruson & Ferguson
- 
- (71) Kodak Alaris Inc.  
 (11) AU-A-2023278040  
 (21) 2023278040 (22) 06.12.2023  
 (54) Multi-user retail photo product creation  
 system and method of use  
 (51) Int. Cl.  
*G06Q 30/06* ( 2023.01 )  
*H04N 1/00* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2018347339  
 (72) REPKA, Richard; PASQUARETTE,  
 Stephen J.; ROBINSON, Scott C.;  
 GRAHAM, Michael S.; ELLSAESSER,  
 Nicole Petra; POWERS, Lydia C.  
 (74) Spruson & Ferguson
- 
- (71) Kontak LLC  
 (11) AU-A-2023278038  
 (21) 2023278038 (22) 06.12.2023  
 (54) Inductively heated microchannel reactor  
 (51) Int. Cl.  
*B01J 19/00* ( 2006.01 )
- (43) 04.01.2024  
 (62) 2018375073  
 (72) O'CONNOR, David  
 (74) Spruson & Ferguson
- 
- (71) L'Air Liquide, Societe Anonyme pour  
 l'Etude et l'Exploitation des Procédes  
 Georges Claude  
 (11) AU-A-2023203149  
 (21) 2023203149 (22) 19.05.2023  
 (54) METHOD AND APPARATUS FOR THE  
 UTILISATION OF WASTE HEAT FROM  
 AN ELECTROLYSIS REACTION FOR  
 THE GENERATION OF STEAM  
 (51) Int. Cl.  
*C25B 1/04* ( 2021.01 )  
*C25B 1/042* ( 2021.01 )
- (31) 22178279.0 (32) 10.06.22 (33) EP

Applications Open to Public Inspection - Name Index cont'd

(43) 04.01.2024  
(72) Delcorso, Fabrice; Poline, Tanguy  
(74) Madderns Pty Ltd

---

(71) Lam, T.T.  
(11) AU-A-2023282209  
(21) 2023282209 (22) 13.12.2023  
(54) METHODS OF AUTOMATIC ROPE  
RETRACTING MECHANISM  
(51) Int. Cl.  
*F03G 7/10* ( 2006.01 )  
*F03B 13/12* ( 2006.01 )  
*F03B 17/06* ( 2006.01 )  
*F03D 9/00* ( 2016.01 )  
*F16H 19/06* ( 2006.01 )  
*F16H 41/02* ( 2006.01 )  
*B63B 35/44* ( 2006.01 )  
*F16H 19/08* ( 2006.01 )  
(43) 04.01.2024  
(62) 2022218609  
(72) Lam, Thanh Tri  
(74) Thanh Tri Lam

---

(71) LanzaTech, Inc.  
(11) AU-A-2023282186  
(21) 2023282186 (22) 12.12.2023  
(54) SECONDARY ACETATE FERMENTATION  
(51) Int. Cl.  
*C12P 7/00* ( 2006.01 )  
*C12N 1/00* ( 2006.01 )  
*C12N 1/16* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
(43) 04.01.2024  
(62) 2020316096  
(72) SIMPSON, Sean Dennis; GAO, Allan  
Haiming; CONRADO, Robert John;  
WINKLER, James Daniel; MUELLER,  
Alexander Paul; BROWN, Steven;  
TRAN, Loan Phuong; KOEPKE, Mi-  
chael; MIHALCEA, Christophe Daniel  
(74) SR Intellectual Property

---

(71) Lexmark International, Inc.  
(11) AU-A-2023278120  
(21) 2023278120 (22) 08.12.2023  
(54) Chip and supply item for imaging  
device, including communication  
(51) Int. Cl.  
*G06K 15/00* ( 2006.01 )  
*G06F 3/12* ( 2006.01 )  
*G06F 21/60* ( 2013.01 )  
(43) 04.01.2024  
(62) 2019252560  
(72) BUSH, Stephen Porter; FOLEY, Nathan  
Wayne; WILLIAMS, Jennifer Topmiller;  
ADKINS, Christopher Alan  
(74) WRAYS PTY LTD

---

(71) LG Electronics Inc.  
(11) AU-A-2023278044  
(21) 2023278044 (22) 06.12.2023  
(54) Dryer  
(51) Int. Cl.  
*D06F 58/04* ( 2006.01 )  
*D06F 58/20* ( 2006.01 )

(43) 04.01.2024  
(62) 2023214251  
(72) BAE, Sanghun; CHO, Hongjun; KIM,  
Hyeonjoong  
(74) FB Rice Pty Ltd

---

(71) LG Electronics Inc.  
(11) AU-A-2023278088  
(21) 2023278088 (22) 07.12.2023  
(54) HOME APPLIANCE PROVIDED WITH  
VIEWING WINDOW  
(51) Int. Cl.  
*F24C 3/12* ( 2006.01 )  
*F24C 15/00* ( 2006.01 )  
*G01P 15/00* ( 2006.01 )  
*G01P 15/097* ( 2006.01 )  
*H05B 47/105* ( 2020.01 )  
(43) 04.01.2024  
(62) 2020409316  
(72) KIM, Jeong Kil; LEE, Wang Lim;  
JEONG, Seong Ho  
(74) Dentons Patent Attorneys Australasia  
Limited

---

(71) Louver-Lite Limited  
(11) AU-A-2023282171  
(21) 2023282171 (22) 11.12.2023  
(54) Roller Tube  
(51) Int. Cl.  
*E06B 9/50* ( 2006.01 )  
*E06B 9/72* ( 2006.01 )  
(43) 04.01.2024  
(62) 2022200358  
(72) Barnes, Antony; Greening, Andrew  
(74) Morcom Pernat

---

(71) Lynx System Developers, Inc.  
(11) AU-A-2023282215  
(21) 2023282215 (22) 13.12.2023  
(54) SYSTEMS AND METHODS FOR PRO-  
CESSING EVENT TIMING IMAGES  
(51) Int. Cl.  
*H04N 5/225* ( 2006.01 )  
*G06T 7/00* ( 2017.01 )  
*H04N 5/232* ( 2006.01 )  
(43) 04.01.2024  
(62) 2022204184  
(72) ALDRIDGE, Jeremy W.; DEAN-  
GELIS, Douglas J.; SIGEL, Kirk M.;  
CIHOLAS, Mike E.; BLAYLOCK, Paul  
R.; HOLLINGER, Herb A.; HALLAM,  
Evan A.  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD

---

(71) MedicalTree Patent Ltd  
(11) AU-A-2023278085  
(21) 2023278085 (22) 07.12.2023  
(54) Infusion Of Drugs  
(51) Int. Cl.  
*A61F 2/26* ( 2006.01 )  
*A61F 5/41* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
(43) 04.01.2024  
(62) 2021225196  
(72) Forsell, Peter  
(74) WRAYS PTY LTD

---

(71) MTS For Global Business  
(11) AU-A-2022203978  
(21) 2022203978 (22) 08.06.2022  
(54) MANUAL COFFEE GRINDER  
(51) Int. Cl.  
*A47J 42/04* ( 2006.01 )  
*A47J 42/08* ( 2006.01 )  
*A47J 42/10* ( 2006.01 )  
*A47J 42/38* ( 2006.01 )  
(43) 04.01.2024  
(72) Mahmoud, Tarig; Mohamedeltayeb,  
Sabla  
(74) Tarig Zainelabdin Mohamed Mahmoud

---

(71) Nanostring Technologies, Inc.  
(11) AU-A-2023278046  
(21) 2023278046 (22) 06.12.2023  
(54) Methods for detecting target nucleic  
acids in a sample  
(51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
(43) 04.01.2024  
(62) 2017268257  
(72) Khafizov, Rustem; Dunaway, Dwayne  
L.; Gregory, Mark  
(74) FPA Patent Attorneys Pty Ltd

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(71) NantG Mobile, LLC  
(11) AU-A-2023278056  
(21) 2023278056 (22) 06.12.2023  
(54) LOCATION-BASED CONTENT SHAR-  
ING VIA TETHERING  
(51) Int. Cl.  
*H04L 67/04* ( 2022.01 )  
*H04L 67/104* ( 2022.01 )  
*H04L 67/52* ( 2022.01 )  
*H04W 12/63* ( 2021.01 )  
(43) 04.01.2024  
(62) 2021267896  
(72) MADDEN, Michael E.; SNYDER, Jesse  
William; FYFE, Jake Tyler; WIACEK,  
John; GEER, Matthew W.  
(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

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(71) Navitor Pharmaceuticals, Inc.  
(11) AU-A-2023282205  
(21) 2023282205 (22) 12.12.2023  
(54) Modulators of Sestrin-GATOR2 interac-  
tion and uses thereof  
(51) Int. Cl.  
*C07C 211/03* ( 2006.01 )  
*A61K 31/13* ( 2006.01 )  
*A61K 31/135* ( 2006.01 )  
*A61K 31/137* ( 2006.01 )  
*C07C 211/26* ( 2006.01 )  
*C07C 211/27* ( 2006.01 )  
(43) 04.01.2024  
(62) 2021215177  
(72) FETALVERO, Kristina Michelle;  
NARAYAN, Sridhar; O'NEILL, David  
John; SAIHAH, Eddine; SENGUPTA,  
Shomit  
(74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Nebulum Technologies Co., Ltd.  
 (11) AU-A-2022203989  
 (21) 2022203989 (22) 08.06.2022  
 (54) METHODS FOR PREPARING AND ANALYZING BIOPSIES AND BIOLOGICAL SAMPLES  
 (51) Int. Cl.  
*G01N 33/487* ( 2006.01 )  
*G01N 1/30* ( 2006.01 )  
*G01N 1/36* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
*G01N 33/49* ( 2006.01 )  
*G01N 33/574* ( 2006.01 )

(43) 04.01.2024  
 (72) Huang, Yuan-Hsiao  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Nikon Corporation; Optos PLC  
 (11) AU-A-2023278112  
 (21) 2023278112 (22) 08.12.2023  
 (54) Ophthalmic device and tomographic image generation device  
 (51) Int. Cl.  
*A61B 3/10* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2020285209  
 (72) NISHI, Yasufumi; GORMAN, Alistair  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ningbo Junhe Intelligent Technology Co., Ltd  
 (11) AU-A-2022263509  
 (21) 2022263509 (22) 23.09.2022  
 (54) Jet pump  
 (51) Int. Cl.  
*F04F 5/00* ( 2006.01 )  
 (31) 202221458921.9 (32) 09.06.22 (33) CN  
 (43) 04.01.2024  
 (72) ZHANG, Junbo; YANG, Ke; XU, Hailiang; BAO, Junwei; HONG, Libing  
 (74) Madderns Pty Ltd

(71) Novartis AG  
 (11) AU-A-2023282211  
 (21) 2023282211 (22) 13.12.2023  
 (54) Method for navigating medical data  
 (51) Int. Cl.  
*G16H 50/20* ( 2018.01 )  
*G16H 50/30* ( 2018.01 )  
*G16H 50/70* ( 2018.01 )  
 (43) 04.01.2024  
 (62) 2020286578  
 (72) LIGOZIO, Gregory; PRICOP, Luminita; KORMAKSSON, Matthias; ZHUANG, Tingting; ZHU, Xuan; JAMES, David A; POURNARA, Effie; FRUEH, Jennifer  
 (74) Davies Collison Cave Pty Ltd

(71) Ojai Energetics PBC  
 (11) AU-A-2023278131  
 (21) 2023278131 (22) 11.12.2023  
 (54) METHODS AND COMPOSITIONS FOR REDUCING OXIDATIVE STRESS  
 (51) Int. Cl.  
*A61K 36/00* ( 2006.01 )

*A61K 45/00* ( 2006.01 )  
*A61K 47/00* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2017286659  
 (72) Kleidon, William  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

Optos PLC see Nikon Corporation  
 (21) 2023278112

(71) Origin Energy Limited  
 (11) AU-A-2022204018  
 (21) 2022204018 (22) 09.06.2022  
 (54) A Handling System  
 (51) Int. Cl.  
*B66F 9/02* ( 2006.01 )  
*B66F 7/06* ( 2006.01 )  
*B66F 7/22* ( 2006.01 )  
*B66F 7/28* ( 2006.01 )  
*B66F 19/00* ( 2006.01 )  
 (43) 04.01.2024  
 (72) DECARLO, Luka Darius  
 (74) Allens Patent & Trade Mark Attorneys

(71) OXTI Pte Ltd  
 (11) AU-A-2022204088  
 (21) 2022204088 (22) 10.06.2022  
 (54) MULTIPLE-ANGLE DISPLAY ADJUSTING DEVICE  
 (51) Int. Cl.  
*G05G 1/02* ( 2006.01 )  
*F16M 11/08* ( 2006.01 )  
*F16M 11/10* ( 2006.01 )  
*F16M 11/20* ( 2006.01 )  
*F16M 11/24* ( 2006.01 )  
*G05B 13/02* ( 2006.01 )  
*G05G 9/02* ( 2006.01 )  
 (43) 04.01.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) OXTI Pte Ltd  
 (11) AU-A-2022204089  
 (21) 2022204089 (22) 10.06.2022  
 (54) DISPLAY FINE-ADJUSTMENT DEVICE  
 (51) Int. Cl.  
*G05G 1/04* ( 2006.01 )  
*F16M 11/20* ( 2006.01 )  
*F16M 11/38* ( 2006.01 )  
*G05B 13/02* ( 2006.01 )  
*G05G 9/02* ( 2006.01 )  
*G06V 40/16* ( 2022.01 )  
 (43) 04.01.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) OXTI Pte Ltd  
 (11) AU-A-2022204090  
 (21) 2022204090 (22) 10.06.2022  
 (54) CHAIR STRUCTURE WITH ELECTRONICS SUPPORT FRAME  
 (51) Int. Cl.  
*A47C 7/72* ( 2006.01 )  
*A47C 4/04* ( 2006.01 )

*F16M 11/04* ( 2006.01 )  
*F16M 11/06* ( 2006.01 )  
*F16M 11/20* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )  
*G06T 7/70* ( 2017.01 )  
*G06V 40/16* ( 2022.01 )  
*G06V 40/20* ( 2022.01 )  
 (43) 04.01.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) Pathways 33 Pty Ltd  
 (11) AU-A-2023278114  
 (21) 2023278114 (22) 08.12.2023  
 (54) Salt Therapy System  
 (51) Int. Cl.  
*A61M 11/00* ( 2006.01 )  
*A61G 10/00* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018201732  
 (72) Bettles, Steven  
 (74) mdp Patent and Trade Mark Attorneys

(71) Perfect Day, Inc.  
 (11) AU-A-2023278078  
 (21) 2023278078 (22) 07.12.2023  
 (54) Food compositions comprising recombinant milk proteins and methods of producing the same  
 (51) Int. Cl.  
*A23J 3/10* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2019284081  
 (72) Pandya, Ryan; Gandhi, Perumal; Ji, Shaowen; Beauchamp, Derek; Hom, Louis  
 (74) Pearce IP Pty Ltd

(71) Perfect Day, Inc.  
 (11) AU-A-2023278080  
 (21) 2023278080 (22) 07.12.2023  
 (54) Food compositions comprising recombinant milk proteins and methods of producing the same  
 (51) Int. Cl.  
*A23J 3/10* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2019284081  
 (72) Pandya, Ryan; Gandhi, Perumal; Ji, Shaowen; Beauchamp, Derek; Hom, Louis  
 (74) Pearce IP Pty Ltd

(71) Powercast Corporation  
 (11) AU-A-2023278070  
 (21) 2023278070 (22) 07.12.2023  
 (54) METHODS, SYSTEMS, AND APPARATUS FOR AUTOMATIC RF POWER TRANSMISSION AND SINGLE ANTENNA ENERGY HARVESTING  
 (51) Int. Cl.  
*H02J 50/40* ( 2016.01 )  
*H04B 3/54* ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018325468  
 (72) GREENE, Charles E.; BIEL, Eric James  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Prysmian S.p.A.  
 (11) AU-A-2023203079  
 (21) 2023203079 (22) 17.05.2023  
 (54) Joint assembly for power cables having an optical fiber cable embedded at different radial positions, joint system and method for installing such a joint assembly  
 (51) Int. Cl.  
**H02G 15/08** ( 2006.01 )  
**H01B 7/17** ( 2006.01 )  
**H01B 11/22** ( 2006.01 )  
**H02G 15/24** ( 2006.01 )  
 (31) 102022000012158 (32) 08.06.22 (33) IT  
 (43) 04.01.2024  
 (72) Trolli, Alessandro; D'esposito, Fabio; Bazzoli, Dario; Consonni, Enrico Maria  
 (74) Davies Collison Cave Pty Ltd

(71) RANlytics Limited  
 (11) AU-A-2023278041  
 (21) 2023278041 (22) 06.12.2023  
 (54) A system for monitoring and measuring multiple heterogeneous radio communications networks  
 (51) Int. Cl.  
**H04B 1/38** ( 2015.01 )  
 (43) 04.01.2024  
 (62) 2022252814  
 (72) MCLEAN, Brad; SHERIDAN, Keith  
 (74) Alder IP Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2023282218  
 (21) 2023282218 (22) 13.12.2023  
 (54) Systems and methods for leveraging relatedness in genomic data analysis  
 (51) Int. Cl.  
**G06F 16/28** ( 2019.01 )  
**G16B 20/20** ( 2019.01 )  
**G16B 40/00** ( 2019.01 )  
 (43) 04.01.2024  
 (62) 2018327331  
 (72) STAPLES, Jeffrey; HABEGGER, Lukas; REID, Jeffrey  
 (74) Davies Collison Cave Pty Ltd

(71) Ruprecht-Karls-Universität Heidelberg  
 (11) AU-A-2023282166  
 (21) 2023282166 (22) 11.12.2023  
 (54) Measles Virus Encoding a Tumor Antigen  
 (51) Int. Cl.  
**C12N 7/01** ( 2006.01 )  
**A61K 35/768** ( 2015.01 )  
**A61K 39/155** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2017202406  
 (72) Czink, Elena; Engeland, Christine; Ungerechts, Guy  
 (74) Walker IP

(71) SAHIN, F.; DEMIR, S.  
 (11) AU-A-2022459560  
 (21) 2022459560 (22) 13.06.2022  
 (54) USE OF LUTETIUM SALT COMPOUNDS FOR ANTIVIRAL EFFECT

(51) Int. Cl.  
**A61K 33/244** ( 2019.01 )  
**A61P 31/12** ( 2006.01 )  
 (43) 04.01.2024  
 (72) SAHIN, Fikrettin; DEMIR, Sevda  
 (74) Spruson & Ferguson

(71) Saluda Medical Pty Limited  
 (11) AU-A-2023263572  
 (21) 2023263572 (22) 11.11.2023  
 (54) Device and Method for Processing Parameters associated with Electro-physiological Responses  
 (51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61B 5/388** ( 2021.01 )  
**A61N 1/36** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61N 1/02** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
 (31) 2022903463 (32) 17.11.22 (33) AU  
 (43) 04.01.2024  
 (72) Gerrit Gmel  
 (74) Monks IP

(71) Schneider Electric Industries SAS  
 (11) AU-A-2023203217  
 (21) 2023203217 (22) 23.05.2023  
 (54) DEVICES AND METHODS FOR DISCONNECTING A GRID POWER SOURCE FROM AN ELECTRICAL DISTRIBUTION SYSTEM  
 (51) Int. Cl.  
**H02J 3/14** ( 2006.01 )  
**H02J 3/18** ( 2006.01 )  
**H02J 9/04** ( 2006.01 )  
 (31) 22305847.0 (32) 10.06.22 (33) EP  
 (43) 04.01.2024  
 (72) Babu, Swardheep; Wang, Zaixing; Grappe, Benoit; Kamajaya, Samuel; Xu, Jikang  
 (74) Madderns Pty Ltd

(71) Seminis Vegetable Seeds, Inc.  
 (11) AU-A-2023203578  
 (21) 2023203578 (22) 08.06.2023  
 (54) Pea variety SV6485QH  
 (51) Int. Cl.  
**A01H 6/54** ( 2018.01 )  
 (31) 17/839,997 (32) 14.06.22 (33) US  
 (43) 04.01.2024  
 (72) WEBSTER, David M.  
 (74) Davies Collison Cave Pty Ltd

(71) SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD  
 (11) AU-A-2023219866  
 (21) 2023219866 (22) 07.06.2023  
 (54) Compound, Preparation Method Therefor and Application of Compound in Preparation of Bicyclopyrone Intermediate  
 (51) Int. Cl.  
**C07C 67/343** ( 2006.01 )  
 (31) 202210637542.4 (32) 08.06.22 (33) CN

(43) 04.01.2024  
 (72) LI, Zhiqing; GONG, Fenghua; ZHANG, Haichao; ZHANG, Hongquan; QIU, Xiaoyang  
 (74) Davies Collison Cave Pty Ltd

Shanghai Hengrui Pharmaceutical Co., Ltd  
 see Jiangsu Hengrui Medicine Co., Ltd.  
 (21) 2023278061

(71) Shell Shock Technologies LLC  
 (11) AU-A-2023282183  
 (21) 2023282183 (22) 11.12.2023  
 (54) Fire Arm Cartridge and Method of Making  
 (51) Int. Cl.  
**F42B 5/285** ( 2006.01 )  
**F42B 5/307** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2021221925  
 (72) DROBOCKYI, Volodymyr; VIGGIANO, Anthony  
 (74) WRAYS PTY LTD

(71) Snap-on Incorporated  
 (11) AU-A-2023278052  
 (21) 2023278052 (22) 06.12.2023  
 (54) TOOL BROWNOUT MANAGEMENT  
 (51) Int. Cl.  
**H02M 1/36** ( 2007.01 )  
**H02J 7/00** ( 2006.01 )  
**H02M 3/02** ( 2006.01 )  
**H02P 7/00** ( 2016.01 )  
 (43) 04.01.2024  
 (62) 2021269289  
 (72) GENZ, Jason S.  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-A-2023278106  
 (21) 2023278106 (22) 08.12.2023  
 (54) Vehicle health record  
 (51) Int. Cl.  
**G07C 5/08** ( 2006.01 )  
**G07C 5/00** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2020329133  
 (72) COVINGTON, Joshua C.; NERI, Ozzy; MERG, Patrick S.; WILLIAMSON, Joshua D.; LEWIS, Bradley R.; KELLEY, Brett A.; BROZOVICH, Roy S.; GRAMMATICO, Joseph R.; FORMAN, Jacob G.  
 (74) Spruson & Ferguson

(71) Source Digital, Inc.  
 (11) AU-A-2023278105  
 (21) 2023278105 (22) 08.12.2023  
 (54) MEDIA ENVIRONMENT DRIVEN CONTENT DISTRIBUTION PLATFORM  
 (51) Int. Cl.  
**H04N 21/439** ( 2011.01 )  
**H04N 21/233** ( 2011.01 )  
**H04N 21/242** ( 2011.01 )  
**H04N 21/422** ( 2011.01 )  
**H04N 21/43** ( 2011.01 )

Applications Open to Public Inspection - Name Index cont'd

- H04N 21/4722** ( 2011.01 )  
**H04N 21/858** ( 2011.01 )  
**(43)** 04.01.2024  
**(62)** 2022200820  
**(72)** Frecon III, Henry; Phillips, Michael; Greene, Patrick; Carroll, Timothy  
**(74)** DAVIS IP PTY LTD
- 
- (71)** SUNGROW RENEWABLES DEVELOPMENT CO. LTD.  
**(11)** AU-A-2023202970  
**(21)** 2023202970 **(22)** 12.05.2023  
**(54)** Photovoltaic system and method for determining combiner box set for the same  
**(51)** Int. Cl.  
**H02S 40/34** ( 2014.01 )  
**H02J 3/38** ( 2006.01 )  
**H02M 3/16** ( 2006.01 )  
**(31)** 202210639279.2 **(32)** 08.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** YANG, Zongjun; TAO, Sanqi; LI, Fan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Takeda Pharmaceutical Company Limited  
**(11)** AU-A-2023278128  
**(21)** 2023278128 **(22)** 11.12.2023  
**(54)** Plasma kallikrein binding proteins  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2020204600  
**(72)** SEXTON, Daniel J.; VISWANATHAN, Malini  
**(74)** Spruson & Ferguson
- 
- (71)** Tata Consultancy Services Limited  
**(11)** AU-A-2023203675  
**(21)** 2023203675 **(22)** 13.06.2023  
**(54)** METHODS AND SYSTEMS FOR ANOMALY DETECTION IN A PRODUCT  
**(51)** Int. Cl.  
**G06V 10/82** ( 2022.01 )  
**G06F 18/2431** ( 2023.01 )  
**G06N 3/02** ( 2006.01 )  
**G06T 7/10** ( 2017.01 )  
**G06T 9/00** ( 2006.01 )  
**H04N 1/00** ( 2006.01 )  
**H04N 19/48** ( 2014.01 )  
**(31)** 202221034104 **(32)** 14.06.22 **(33)** IN  
**(43)** 04.01.2024  
**(72)** PRADHAN, Prakhar; SHARMA, Hrishikesh  
**(74)** Collison & Co
- 
- (71)** TBM CO.,LTD.  
**(11)** AU-A-2022460772  
**(21)** 2022460772 **(22)** 07.06.2022

- (54)** SYSTEM FOR MATCHING CONVERSION OF METHANE INTO RE-SOURCE USING FOOD WASTE  
**(51)** Int. Cl.  
**C10J 3/00** ( 2006.01 )  
**(43)** 04.01.2024  
**(72)** SAHARA Kunihiro  
**(74)** Spruson & Ferguson
- 
- (71)** Techtronic Cordless GP  
**(11)** AU-A-2023203554  
**(21)** 2023203554 **(22)** 07.06.2023  
**(54)** Display for scheduling operation of a robotic garden tool  
**(51)** Int. Cl.  
**A01D 34/00** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
**(31)** 63/351,691 **(32)** 13.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** LEE, Chi Chau  
**(74)** Spruson & Ferguson
- 
- (71)** Techtronic Cordless GP  
**(11)** AU-A-2023203564  
**(21)** 2023203564 **(22)** 07.06.2023  
**(54)** Display for controlling and monitoring a robotic garden tool  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**A01D 34/00** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
**G06F 3/147** ( 2006.01 )  
**(31)** 63/351,699 **(32)** 13.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** LEE, Chi Chau  
**(74)** Spruson & Ferguson
- 
- (71)** The Boeing Company  
**(11)** AU-A-2023282188  
**(21)** 2023282188 **(22)** 12.12.2023  
**(54)** Electrostatic dissipative compositions and methods thereof  
**(51)** Int. Cl.  
**C09D 5/46** ( 2006.01 )  
**C09K 3/16** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2021286302  
**(72)** CALLAHAN, Rebeca A.; KINLEN, Patrick J.; BRUTON, Eric A.  
**(74)** FB Rice Pty Ltd
- 
- (71)** The Children's Hospital of Philadelphia; The Government of The United States of America as represented by the Secretary of the Department of the Health and Human Services  
**(11)** AU-A-2023278110  
**(21)** 2023278110 **(22)** 08.12.2023  
**(54)** Glypican 2 as a cancer marker and therapeutic target  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )

- (43)** 04.01.2024  
**(62)** 2016354440  
**(72)** Maris, John M.; Bosse, Kristopher R.; Dimitrov, Dimitar; Zhu, Zhongyu; Jelev, Dontcho V.  
**(74)** Pizzey Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** The General Hospital Corporation  
**(11)** AU-A-2023278069  
**(21)** 2023278069 **(22)** 07.12.2023  
**(54)** Chimeric antigen receptor T cells targeting the tumor microenvironment  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 35/12** ( 2015.01 )  
**A61K 35/15** ( 2015.01 )  
**C07K 14/52** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2018251206  
**(72)** Maus, Marcela V.; Choi, Bryan  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** The General Hospital Corporation  
**(11)** AU-A-2023278074  
**(21)** 2023278074 **(22)** 07.12.2023  
**(54)** Engineered CRISPR-Cas9 nucleases with altered PAM specificity  
**(51)** Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 14/315** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 9/14** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2018320865  
**(72)** JOUNG, Keith J.; KLEINSTIVER, Benjamin  
**(74)** RnB IP Pty Ltd
- 
- The Government of The United States of America as represented by the Secretary of the Department of the Health and Human Services see The Children's Hospital of Philadelphia**  
**(21)** 2023278110
- 
- The Regents of the University of California see Aclarion, Inc.**  
**(21)** 2023282173
- 
- (71)** The University of Birmingham  
**(11)** AU-A-2023282212  
**(21)** 2023282212 **(22)** 13.12.2023  
**(54)** Biomarkers of traumatic brain injury  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 04.01.2024  
 (62) 2017231845  
 (72) Belli, Antonio; Di Pietro, Valentina  
 (74) FB Rice Pty Ltd

(71) Tintra 3.0 Limited  
 (11) AU-A-2023203555  
 (21) 2023203555 (22) 07.06.2023  
 (54) System And Method For Authentication  
 And Association Of Multi-Platform Ac-  
 counts

(51) Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**G06Q 20/36** ( 2012.01 )  
**H04L 9/32** ( 2006.01 )  
 (31) 17/857,090 (32) 04.07.22 (33) US  
 18/126,423 25.03.23 US  
 18/195,754 10.05.23 US  
 2208742.3 14.06.22 GB  
 2209572.3 29.06.22 GB

(43) 04.01.2024  
 (72) SMITH, David Peter; LYSKE, Joseph  
 Michael William  
 (74) WRAYS PTY LTD

(71) Tintra 3.0 Limited  
 (11) AU-A-2023203557  
 (21) 2023203557 (22) 07.06.2023  
 (54) Method And System For Obfuscating  
 Sensitive Personal Data Available On  
 An Unregulated Platform  
 (51) Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
**G06Q 20/08** ( 2012.01 )  
**H04W 12/069** ( 2021.01 )  
 (31) 17/857,102 (32) 04.07.22 (33) US  
 18/098,523 18.01.23 US  
 18/126,423 25.03.23 US  
 2208742.3 14.06.22 GB  
 2209572.3 29.06.22 GB

(43) 04.01.2024  
 (72) SMITH, David Peter; LYSKE, Joseph  
 Michael William  
 (74) WRAYS PTY LTD

(71) Tox Free Australia Pty Ltd  
 (11) AU-A-2023282208  
 (21) 2023282208 (22) 13.12.2023  
 (54) Capture of mercury  
 (51) Int. Cl.  
**B09B 3/00** ( 2022.01 )  
 (43) 04.01.2024  
 (62) 2017251783  
 (72) Baltpurvins, Karlis Augusts; Green-  
 wood, Adam Michael  
 (74) Davies Collison Cave Pty Ltd

(71) TRIA PTE. LTD.  
 (11) AU-A-2022458330  
 (21) 2022458330 (22) 13.06.2022  
 (54) A METHOD FOR DIGESTING BIO-  
 DEGRADABLE PACKAGING WASTE  
 AND AN APPARATUS THEREOF  
 (51) Int. Cl.  
**B09B 3/60** ( 2022.01 )  
**B65D 65/46** ( 2006.01 )  
**C08J 11/10** ( 2006.01 )

*B09B 101/70* ( 2022.01 )  
 (43) 04.01.2024  
 (72) NG, Pei Kang; HON, Sui Ming, Ray-  
 mond  
 (74) FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

**TRON - Translazionale Onkologie an der  
 Universitätsmedizin der Johannes Guten-  
 berg-Universität Mainz see BioNTech SE**  
 (21) 2023278107

(71) Tung Hing Plastic Manufactory Ltd.  
 (11) AU-A-2023203510  
 (21) 2023203510 (22) 05.06.2023  
 (54) HAIR FASTENERS  
 (51) Int. Cl.  
**A45D 8/22** ( 2006.01 )  
 (31) 17/806,715 (32) 13.06.22 (33) US  
 (43) 04.01.2024  
 (72) SZE, Ka Chuen  
 (74) FOUNDRY INTELLECTUAL PROP-  
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(71) TuSimple, Inc.  
 (11) AU-A-2023278047  
 (21) 2023278047 (22) 06.12.2023  
 (54) System and method for aerial video  
 traffic analysis  
 (51) Int. Cl.  
**G05D 1/00** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2018345330  
 (72) WANG, Yijie; WANG, Panqu; CHEN,  
 Pengfei  
 (74) FB Rice Pty Ltd

(71) Ultivue, Inc.  
 (11) AU-A-2023278134  
 (21) 2023278134 (22) 11.12.2023  
 (54) Improved methods for multiplex ima-  
 ging using labeled nucleic acid imaging  
 agents  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C12Q 1/6804** ( 2018.01 )  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6818** ( 2018.01 )  
**C12Q 1/6823** ( 2018.01 )  
 (43) 04.01.2024  
 (62) 2017370751  
 (72) Hennek, Stephanie Rae; Manesse,  
 Mael; Chen, Xi; Natan, Michael Jules;  
 Mohammed, Abdul  
 (74) Pizzveys Patent and Trade Mark Attor-  
 neys Pty Ltd

**Universita' Degli Studi Di Padova see  
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 (21) 2023203603

(71) University of Pittsburgh -of the Com-  
 monwealth System of Higher Education  
 (11) AU-A-2023282172  
 (21) 2023282172 (22) 11.12.2023

(54) Dimerization strategies and compounds  
 for molecular imaging and/or radioim-  
 munotherapy  
 (51) Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07D 487/08** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2017260260  
 (72) Zeng, Dexing; Sun, Lingyi; Gai,  
 Yongkang  
 (74) Davies Collison Cave Pty Ltd

(71) Vawdrey Australia Pty. Ltd.  
 (11) AU-A-2023278119  
 (21) 2023278119 (22) 08.12.2023  
 (54) Improvements Relating to Sliding Posts  
 and/or Sliding Suspended Gates for  
 Curtain Sided Trucks and Trailers  
 (51) Int. Cl.  
**B60J 5/06** ( 2006.01 )  
**B60P 7/06** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2017203344  
 (72) Barwick, Owen Daniel  
 (74) Walker IP

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2023278054  
 (21) 2023278054 (22) 06.12.2023  
 (54) Bioabsorbable filament medical devices  
 (51) Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**A61F 2/90** ( 2013.01 )  
 (43) 04.01.2024  
 (62) 2020209921  
 (72) CULLY, Edward H.; DUNCAN, Jeffrey  
 B.; MCDANIEL, Tom R.; MESSICK,  
 David J.; SECTOR, Martin J.  
 (74) Griffith Hack

(71) Walton Mine Services Pty Ltd  
 (11) AU-A-2023278133  
 (21) 2023278133 (22) 11.12.2023  
 (54) Spacer Device  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**E21B 19/16** ( 2006.01 )  
**E21F 17/00** ( 2006.01 )  
 (43) 04.01.2024  
 (62) 2021218042  
 (72) Walton, Matthew  
 (74) Patentable

(71) Wei, J.  
 (11) AU-A-2023202790  
 (21) 2023202790 (22) 04.05.2023  
 (54) PHOTOVOLTAIC THERMAL INSULA-  
 TION AND DECORATION COMPOS-  
 ITE BOARD SYSTEM  
 (51) Int. Cl.  
**H02S 20/26** ( 2014.01 )  
**E04B 1/78** ( 2006.01 )  
**E04B 2/96** ( 2006.01 )  
**E04F 13/074** ( 2006.01 )



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- E04F 13/077** ( 2006.01 )  
**E04F 13/26** ( 2006.01 )  
**F24S 25/30** ( 2018.01 )  
**F24S 25/40** ( 2018.01 )  
**(31)** 202210645630.9 **(32)** 09.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** Wei, Jinxi; Wei, Feng; Zhang, Jia  
**(74)** Jinxi Wei
- 
- (71)** Willand (Beijing) Technology Co., LTD.  
**(11)** AU-A-2023203243  
**(21)** 2023203243 **(22)** 23.05.2023  
**(54)** METHOD FOR RECOMMENDING INSTALLATION POSITION OF BASE STATION, STORAGE MEDIUM, MOWER, AND MOBILE ELECTRONIC DEVICE  
**(51)** Int. Cl.  
**G01S 19/42** ( 2010.01 )  
**G01S 19/31** ( 2010.01 )  
**(31)** 202210650115.X **(32)** 10.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** Guo, Ziwei; Chen, Zichong; Yu, Tianning; Lin, Degan; Zhang, Shaoguang  
**(74)** Madderns Pty Ltd
- 
- (71)** Xencor, Inc.  
**(11)** AU-A-2023274227  
**(21)** 2023274227 **(22)** 04.12.2023  
**(54)** Engineered IL-2 FC fusion proteins  
**(51)** Int. Cl.  
**C07K 14/55** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2018390418  
**(72)** BERNETT, Matthew J.; DESJARLAIS, John; VARMA, Rajat; RASHID, Rumaana; SCHUBBERT, Suzanne  
**(74)** Davies Collision Cave Pty Ltd
- 
- (71)** Zhejiang Aiko Solar Energy Technology Co., Ltd.  
**(11)** AU-A-2023282191  
**(21)** 2023282191 **(22)** 12.12.2023  
**(54)** DOPED REGION STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM  
**(51)** Int. Cl.  
**H01L 31/068** ( 2012.01 )  
**H01L 31/0216** ( 2014.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/0352** ( 2006.01 )  
**(43)** 04.01.2024  
**(62)** 2022204107  
**(72)** CHEN, Gang; XU, Wenli; QIU, Kaifu; WANG, Yongqian; YANG, Xinqiang  
**(74)** LAMINAR IP PTY LTD
- 
- (71)** ZHEJIANG CHINT ELECTRICS CO., LTD.  
**(11)** AU-A-2022453596  
**(21)** 2022453596 **(22)** 07.09.2022  
**(54)** RESIDUAL CURRENT OPERATED CIRCUIT BREAKER  
**(51)** Int. Cl.  
**H01H 71/00** ( 2006.01 )
- 
- (31)** 202210643972.7 **(32)** 08.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** SHAO, Jianguhua; LI, Luobin; YANG, Lun  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
**(11)** AU-A-2022205149  
**(21)** 2022205149 **(22)** 11.07.2022  
**(54)** Solar Cell and Photovoltaic Module  
**(51)** Int. Cl.  
**H01L 31/0248** ( 2006.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/068** ( 2012.01 )  
**(31)** 202210646083.6 **(32)** 08.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** CHEN, Kongsong; XU, Menglei; YANG, Jie; ZHANG, Xinyu  
**(74)** Franke Hyland Pty Ltd
- 
- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
**(11)** AU-A-2022209227  
**(21)** 2022209227 **(22)** 26.07.2022  
**(54)** Solar Cell and Photovoltaic Module  
**(51)** Int. Cl.  
**H01L 31/0236** ( 2006.01 )  
**H01L 31/042** ( 2014.01 )  
**(31)** 202210647861.3 **(32)** 08.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** FENG, Xiu; XU, Menglei; YANG, Jie; ZHANG, Xinyu  
**(74)** Franke Hyland Pty Ltd
- 
- (71)** ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.  
**(11)** AU-A-2022206830  
**(21)** 2022206830 **(22)** 22.07.2022  
**(54)** SOLAR CELL AND PRODUCTION METHOD THEREOF, PHOTOVOLTAIC MODULE  
**(51)** Int. Cl.  
**H01L 31/0352** ( 2006.01 )  
**H01L 31/068** ( 2012.01 )  
**H01L 31/18** ( 2006.01 )  
**(31)** CN **(32)** 10.06.22 **(33)** CN  
 202210656583.8  
**(43)** 04.01.2024  
**(72)** WANG, Zhao; YANG, Jie; SHEN, Mengchao; WANG, Lipeng  
**(74)** AUSTRALASIA IP PTY LTD

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<b>2022203978</b>	MTS For Global Business	<b>2023278038</b>	Kontak LLC
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<b>2022204088</b>	OXTI Pte Ltd	<b>2023278042</b>	Fujikura Ltd.
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<b>2022204090</b>	OXTI Pte Ltd	<b>2023278044</b>	LG Electronics Inc.
<b>2022204096</b>	El-Sheik, R.	<b>2023278046</b>	Nanostring Technologies, Inc.
<b>2022204099</b>	Chouman, M.	<b>2023278047</b>	TuSimple, Inc.
<b>2022205149</b>	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	<b>2023278048</b>	Aristocrat Technologies Australia Pty Limited
<b>2022206830</b>	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.	<b>2023278049</b>	Fisher & Paykel Healthcare Limited
<b>2022209227</b>	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	<b>2023278050</b>	General Electric Company
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<b>2022287590</b>	DataInfoCom USA, Inc.	<b>2023278057</b>	Aristocrat Technologies Australia Pty Limited
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<b>2022458330</b>	TRIA PTE. LTD.	<b>2023278062</b>	Bilge, H.
<b>2022459560</b>	SAHIN, F.; DEMIR, S.	<b>2023278067</b>	Amgen Inc.
<b>2022460772</b>	TBM CO.,LTD.	<b>2023278068</b>	CytomX Therapeutics, Inc.
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<b>2023201571</b>	Getac Technology Corporation	<b>2023278070</b>	Powercast Corporation
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<b>2023202780</b>	Deere & Company	<b>2023278076</b>	Dexcom, Inc.
<b>2023202782</b>	Deere & Company	<b>2023278078</b>	Perfect Day, Inc.
<b>2023202790</b>	Wei, J.	<b>2023278080</b>	Perfect Day, Inc.
<b>2023202970</b>	SUNGROW RENEWABLES DEVELOPMENT CO. LTD.	<b>2023278084</b>	Aristocrat Technologies Australia Pty Limited
<b>2023203079</b>	Prysmian S.p.A.	<b>2023278085</b>	MedicalTree Patent Ltd
<b>2023203115</b>	Deere & Company	<b>2023278088</b>	LG Electronics Inc.
<b>2023203149</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	<b>2023278090</b>	Fisher & Paykel Healthcare Limited
<b>2023203217</b>	Schneider Electric Industries SAS	<b>2023278091</b>	Aristocrat Technologies Australia Pty Limited
<b>2023203243</b>	Willand (Beijing) Technology Co., LTD.	<b>2023278095</b>	Assa Abloy AB
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<b>2023203327</b>	ETA Green Power Limited	<b>2023278104</b>	Dissing A/S
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<b>2023203450</b>	Einhell Germany AG	<b>2023278106</b>	Snap-on Incorporated
<b>2023203453</b>	Hunt Developments (UK) LTD.; Imperial College Innovations Limited	<b>2023278107</b>	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz
<b>2023203488</b>	Ecoboxtec Pty Ltd	<b>2023278110</b>	The Children's Hospital of Philadelphia; The Government of The United States of America as represented by the Secretary of the Department of the Health and Human Services
<b>2023203510</b>	Tung Hing Plastic Manufactory Ltd.	<b>2023278112</b>	Nikon Corporation; Optos PLC
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<b>2023203557</b>	Tintra 3.0 Limited	<b>2023278115</b>	Fasteners for Retail, Inc.
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<b>2023270313</b>	Icahn School of Medicine at Mount Sinai	<b>2023282167</b>	ATI Properties LLC
<b>2023274198</b>	Google LLC	<b>2023282168</b>	G1 Therapeutics, Inc.
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<b>A01H 6 /-</b> 2023203578	<b>A61B 8 /-</b> 2023278032	<b>A61M 5 /-</b> 2023278085	<b>B01D 53 /-</b> 2023203655	<b>B65F 1 /-</b> 2023203488	<b>C09D 5 /-</b> 2023282188
<b>A01K 1 /-</b> 2023203563	<b>A61B 2 /-</b> 2023278054 2023278085	<b>A61M 61 /-</b> 2023203655	<b>B01D 61 /-</b> 2023203655	<b>B66F 19 /-</b> 2022204018	<b>C09K 3 /-</b> 2023282188
<b>A01K 31 /-</b> 2023203563	<b>A61F 5 /-</b> 2023278085	<b>B01J 19 /-</b> 2023278038	<b>B08B 1 /-</b> 2023203450	<b>B66F 3 /-</b> 2023278104	<b>C10J 3 /-</b> 2022460772
<b>A01K 5 /-</b> 2023203603	<b>A61G 10 /-</b> 2023278114	<b>B08B 3 /-</b> 2023203450	<b>B08B 5 /-</b> 2023280675	<b>B66F 5 /-</b> 2023278104	<b>C12N 1 /-</b> 2023282186
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<b>A01P 7 /-</b> 2023282198	<b>A61K 35 /-</b> 2023278069 2023282166	<b>B08B 3 /-</b> 2023203450	<b>B25C 1 /-</b> 2023203590	<b>B66F 19 /-</b> 2022204018	<b>C12N 7 /-</b> 2023282166
<b>A23G 9 /-</b> 2023278130	<b>A61K 36 /-</b> 2023278130 2023278131	<b>B08B 5 /-</b> 2023280675		<b>B66F 7 /-</b> 2022204018	<b>C12N 9 /-</b> 2023278074
<b>A23J 3 /-</b> 2023278078 2023278080		<b>B08B 7 /-</b> 2023203450		<b>B66F 9 /-</b> 2022204018	
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<b>A24F 47 /-</b> 2023278116		<b>B08B 5 /-</b> 2023280675		<b>C01C 1 /-</b> 2023203655	
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		<b>B09B 101 /-</b> 2022458330		<b>C07C 211 /-</b> 2023282205	
		<b>B09B 3 /-</b> 2022458330 2023282208		<b>C07C 275 /-</b> 2023203655	
		<b>B25C 1 /-</b> 2023203590		<b>C07C 51 /-</b> 2023278061	

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<b>C12P 21 /-</b> 2023278110	<b>E21B 40 /-</b> 2023203614	<b>F41A 15 /-</b> 2022231652	<b>G05G 1 /-</b> 2022204088 2022204089	2023282215	<b>H01R 24 /-</b> 2023200698
<b>C12P 7 /-</b> 2023282186	<b>E21B 41 /-</b> 2023278133	<b>F41A 17 /-</b> 2022231652	<b>G05G 9 /-</b> 2022204088 2022204089	<b>G06T 9 /-</b> 2023203675	<b>H01R 4 /-</b> 2023200698
<b>C12Q 1 /-</b> 2023278046 2023278134 2023282212 2023282217	<b>E21F 17 /-</b> 2023278133	<b>F41A 3 /-</b> 2022231652	<b>G06F 1 /-</b> 2023201571	<b>G06V 10 /-</b> 2022287590 2023203675	<b>H01R 9 /-</b> 2023200698
<b>C22C 14 /-</b> 2023282167	<b>F02C 3 /-</b> 2023278050	<b>F41A 5 /-</b> 2022231652	<b>G06F 16 /-</b> 2022287590 2023282218	<b>G06V 20 /-</b> 2023203583	<b>H02G 15 /-</b> 2023203079
<b>C22F 1 /-</b> 2023282167	<b>F02C 7 /-</b> 2023278050	<b>F41H 7 /-</b> 2023282221	<b>G06F 18 /-</b> 2023203675	<b>G06V 30 /-</b> 2022287590	<b>H02J 1 /-</b> 2023203450
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<b>C25B 1 /-</b> 2023203149	<b>F03B 13 /-</b> 2023282209	<b>G01B 11 /-</b> 2023278127	<b>G06F 21 /-</b> 2023278120	<b>G07C 5 /-</b> 2023278106	<b>H02J 3 /-</b> 2023202970 2023203217
<b>D06F 58 /-</b> 2023278044	<b>F03B 17 /-</b> 2023282209	<b>G01D 11 /-</b> 2023203278	<b>G06F 3 /-</b> 2023202780 2023203564 2023278120	<b>G07C 9 /-</b> 2022204096 2023278095	<b>H02J 50 /-</b> 2023278070
<b>E01B 3 /-</b> 2023282176	<b>F03D 9 /-</b> 2023282209	<b>G01N 1 /-</b> 2022203989 2023203433	<b>G06K 15 /-</b> 2023278120	<b>G07F 17 /-</b> 2023278084	<b>H02J 7 /-</b> 2023203450 2023278052
<b>E01B 7 /-</b> 2023282176	<b>F03G 7 /-</b> 2022204099 2023282209	<b>G01N 15 /-</b> 2023278127	<b>G06K 19 /-</b> 2023202780	<b>G07F 7 /-</b> 2023203488	<b>H02J 9 /-</b> 2023203217
<b>E01B 9 /-</b> 2023282176	<b>F04D 13 /-</b> 2023203450	<b>G01N 21 /-</b> 2022203989 2023278127 2023282207	<b>G06N 10 /-</b> 2023274198	<b>G16B 20 /-</b> 2023282218	<b>H02K 53 /-</b> 2022204099
<b>E01C 11 /-</b> 2023203665	<b>F04F 5 /-</b> 2022263509	<b>G01N 33 /-</b> 2022203989 2023203433 2023270246	<b>G06N 20 /-</b> 2022287590 2023203583	<b>G16B 40 /-</b> 2023282218	<b>H02M 1 /-</b> 2023278052
<b>E02F 3 /-</b> 2023203278	<b>F16D 55 /-</b> 2023282199	<b>G01N 33 /-</b> 2022203989 2023203433 2023270246	<b>G06N 3 /-</b> 2023203583 2023203675	<b>G16H 40 /-</b> 2023278076	<b>H02M 3 /-</b> 2023202970 2023278052
<b>E02F 9 /-</b> 2023203278	<b>F16D 65 /-</b> 2023282199	<b>G01N 33 /-</b> 2022203989 2023203433 2023270246	<b>G06Q 10 /-</b> 2022252825 2023278103	<b>G16H 50 /-</b> 2023278117 2023282211	<b>H02N 11 /-</b> 2022204099
<b>E04B 1 /-</b> 2023202790	<b>F16H 19 /-</b> 2023282209	<b>G01P 15 /-</b> 2023278088	<b>G06Q 20 /-</b> 2023203555 2023203557	<b>H01B 11 /-</b> 2023203079	<b>H02P 1 /-</b> 2023203327
<b>E04B 2 /-</b> 2023202790	<b>F16H 41 /-</b> 2023282209	<b>G01R 31 /-</b> 2023203288	<b>G06Q 30 /-</b> 2022252825 2023278040 2023278132	<b>H01B 7 /-</b> 2023203079	<b>H02P 21 /-</b> 2023203327
<b>E04F 13 /-</b> 2023202790 2023278062	<b>F16H 53 /-</b> 2023203433	<b>G01S 13 /-</b> 2023278096	<b>G06Q 40 /-</b> 2023278132	<b>H01H 71 /-</b> 2022453596	<b>H02P 27 /-</b> 2023203327
<b>E04F 21 /-</b> 2023278104	<b>F16M 11 /-</b> 2022204088 2022204089 2022204090 2023203278	<b>G01S 15 /-</b> 2023278096	<b>G06Q 50 /-</b> 2022252825 2023278096 2023278132	<b>H01L 31 /-</b> 2022205149 2022206830 2022209227 2023282191	<b>H02P 29 /-</b> 2023203327
<b>E05B 37 /-</b> 2022204096	<b>F16M 13 /-</b> 2022204090 2023203278	<b>G01S 17 /-</b> 2023278096	<b>G06T 1 /-</b> 2023203583	<b>H01M 10 /-</b> 2023203288	<b>H02P 6 /-</b> 2023203327
<b>E05B 65 /-</b> 2023201571	<b>F23R 3 /-</b> 2023278050	<b>G01S 19 /-</b> 2023203243	<b>G06T 15 /-</b> 2023203583	<b>H01M 14 /-</b> 2023282169	<b>H02P 7 /-</b> 2023203327 2023278052
<b>E05B 67 /-</b> 2022204096	<b>F24C 15 /-</b> 2023278088	<b>G02B 6 /-</b> 2023278042 2023278043	<b>G06T 7 /-</b> 2022204090 2023203583 2023203675	<b>H01R 12 /-</b> 2023200698	<b>H02S 20 /-</b> 2023202790
<b>E06B 9 /-</b> 2023282171	<b>F24C 3 /-</b> 2023278088	<b>G05B 13 /-</b> 2022204088 2022204089	<b>G06T 15 /-</b> 2023203583	<b>H01R 13 /-</b> 2023200698	<b>H02S 40 /-</b> 2023202970 2023280675
<b>E21B 19 /-</b> 2023203614 2023278133	<b>F24S 25 /-</b> 2023202790	<b>G05D 1 /-</b> 2023203554 2023278047	<b>G06T 7 /-</b> 2022204090 2023203583 2023203675	<b>H01R 13 /-</b> 2023200698	<b>H04B 1 /-</b> 2023278041

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**H04B 3 /-**

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**H04L 67 /-**

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**H04N 19 /-**

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**H04N 5 /-**

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2023278056

**H05B 45 /-**

2023202780

**H05B 47 /-**

2023202780

2023278088

**H05H 1 /-**

2023282169

**No IPC Mark**

**Innovation Patents Open to Public Inspection**

**Name Index**

. (\*) Title not in Roman characters

. (\*\*) Title not given

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(71) Breathe Fresh Australia Pty Ltd  
 (11) AU-A-2023100096  
 (21) 2023100096 (22) 14.11.2023  
 (54) CONTAINER FOR DISPENSING  
 SHEET MATERIAL  
 (51) Int. Cl.  
     *B65D 83/08* ( 2006.01 )  
     *B65D 85/67* ( 2006.01 )  
     *B65H 35/00* ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2018205198  
 (72) Ian James RAYNER  
 (74) Griffith Hack

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(71) Randall Innovations Pty Ltd  
 (11) AU-A-2018102253  
 (21) 2018102253 (22) 16.03.2018  
 (54) Improved insurance system  
 (51) Int. Cl.  
     *G06Q 40/08* ( 2012.01 )  
     *G01C 11/00* ( 2006.01 )  
     *G06Q 30/02* ( 2023.01 )  
     *G06T 7/62* ( 2017.01 )  
 (31) 2017900918 (32) 16.03.17 (33) AU  
 (45) 04.01.2024  
 (72) Randall, Peter John  
 (74) Spruson & Ferguson

**Numerical Index**

**2018102253** Randall Innovations Pty Ltd  
**2023100096** Breathe Fresh Australia Pty Ltd



IPC Index

**B65D 83 /-**

2023100096

**B65D 85 /-**

2023100096

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**G01C 11 /-**

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2018102253

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2018102253

**G06T 7 /-**

2018102253

PCT applications which have entered the National Phase

Name Index

- . (\*) Title not in Roman characters
- . (\*\*) Title not given

<p>(71) 1/1BOSTON SCIENTIFIC NEURO-MODULATION CORPORATION                      (11) AU-A-2022273276                      (21) 2022273276 (22) 27.04.2022                      (54) FEATURE EXTRACTION WITH AUTOMATIC SAMPLING WINDOW DEFINITION                      (51) Int. Cl.                      A61N 1/36 ( 2006.01 )                      A61B 5/00 ( 2006.01 )                      A61N 1/37 ( 2006.01 )                      (87) WO2022/240587                      (31) 63/186,577 (32) 10.05.21 (33) US                      (43) 17.11.2022                      (72) WEISS, Philip Leonard; ESTELLER, Rosana; JAYAKUMAR, Adarsh; UYEDA, Joshua; ZHANG, Tianhe                      (74) Spruson &amp; Ferguson</p>	<p>B01D 61/02 ( 2006.01 )                      B01D 61/08 ( 2006.01 )                      B01D 65/00 ( 2006.01 )                      C02F 1/44 ( 2023.01 )                      (87) WO2022/252006                      (43) 08.12.2022                      (72) QIU, Biyong; WANG, Jianhua; PILGRIM, John Matthew; ZHENG, Dian; LUO, Jieying; KRAGNESS, Jon Paul                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABIOMED, INC.                      (11) AU-A-2022302988                      (21) 2022302988 (22) 24.06.2022                      (54) SYSTEMS AND METHODS OF DE-RIVING PRESSURES EXTERNAL TO AN INTRACARDIAC BLOOD PUMP USING INTERNAL PRESSURE SENSORS                      (51) Int. Cl.                      A61M 60/139 ( 2021.01 )                      A61M 60/531 ( 2021.01 )                      A61M 60/554 ( 2021.01 )                      A61M 60/816 ( 2021.01 )                      (87) WO2023/278263                      (31) 63/216,883 (32) 30.06.21 (33) US                      (43) 05.01.2023                      (72) BOENSCH, Stefan; TOZEREN, Cem; IYER, Ajay                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 2840629 ONTARIO INC.                      (11) AU-A-2022292387                      (21) 2022292387 (22) 16.06.2022                      (54) ORGANIZER WALL PANEL ASSEMBLY AND MOUNTING ASSEMBLY                      (51) Int. Cl.                      A47G 29/02 ( 2006.01 )                      E04C 2/52 ( 2006.01 )                      F16B 5/00 ( 2006.01 )                      (87) WO2022/261778                      (31) 63/211,526 (32) 16.06.21 (33) US                      (43) 22.12.2022                      (72) PRIZZI, Giuseppe; VENAFRO, Marcello                      (74) Griffith Hack</p>	<p>(71) A3P BIOMEDICAL AB                      (11) AU-A-2022291997                      (21) 2022291997 (22) 25.03.2022                      (54) METHODS OF DETERMINING TIME INTERVAL FOR FURTHER DIAGNOSTICS IN PROSTATE CANCER                      (51) Int. Cl.                      C12Q 1/6886 ( 2018.01 )                      (87) WO2022/263033                      (31) 2108538.6 (32) 15.06.21 (33) GB                      (43) 22.12.2022                      (72) ANDERSSON, Kari; WALLDÉN, Mats                      (74) WRAYS PTY LTD</p>	<p>(71) ABL BIO INCORPORATED                      (11) AU-A-2022271678                      (21) 2022271678 (22) 12.05.2022                      (54) ANTIBODIES FOR TREATING ALPHA-SYNUCLEINOPATHIES                      (51) Int. Cl.                      A61K 39/395 ( 2006.01 )                      A61P 25/28 ( 2006.01 )                      C07K 16/18 ( 2006.01 )                      (87) WO2022/238961                      (31) 10-2021-0061407 (32) 12.05.21 (33) KR                      (43) 17.11.2022                      (72) PARK, Kyungjin; SONG, Daehae; JUNG, Jinwon; SUNG, Byungje; YUN, Hyesu; SHIN, Jung-Won; AN, Sung-won; KIM, Juhee; LEE, Bora; AHN, Jinyhyung; KIM, Dongin; KIM, Donghwan; SON, Yong-Gyu; PAK, Youngdon                      (74) Griffith Hack</p>
<p>(71) 3DSG PTY LTD                      (11) AU-A-2023242795                      (21) 2023242795 (22) 31.03.2023                      (54) IMPROVEMENTS TO DENTAL SPLINTS FOR TREATMENT OF SNORING OR SLEEP APNOEA                      (51) Int. Cl.                      A61F 5/56 ( 2006.01 )                      A61C 7/08 ( 2006.01 )                      A61C 7/36 ( 2006.01 )                      (87) WO2023/183982                      (31) 2022900837 (32) 31.03.22 (33) AU                      (43) 05.10.2023                      (72) GREENHALG, Allan; LEE, Ken; TALPIS, Sam                      (74) IP SOLVED (ANZ) PTY. LTD.</p>	<p>(71) ABBOTT DIABETES CARE INC.                      (11) AU-A-2022310377                      (21) 2022310377 (22) 15.07.2022                      (54) SYSTEMS, DEVICES, AND METHODS FOR ANALYTE MONITORING                      (51) Int. Cl.                      A61B 5/145 ( 2006.01 )                      A61B 5/00 ( 2006.01 )                      (87) WO2023/288063                      (31) 63/222,851 (32) 16.07.21 (33) US                      (43) 19.01.2023                      (72) RAO, Vivek S.                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABBOTT LABORATORIES                      (11) AU-A-2022293389                      (21) 2022293389 (22) 14.06.2022                      (54) METHODS OF DIAGNOSING OR AIDING IN DIAGNOSIS OF BRAIN INJURY CAUSED BY ACOUSTIC ENERGY, ELECTROMAGNETIC ENERGY, AN OVER PRESSURIZATION WAVE, AND/OR BLAST WIND                      (51) Int. Cl.                      G01N 33/53 ( 2006.01 )                      G01N 33/68 ( 2006.01 )                      (87) WO2022/266034                      (31) 63/210,397 (32) 14.06.21 (33) US                      63/227,844 30.07.21 US                      63/282,016 22.11.21 US                      (43) 22.12.2022                      (72) MARINO, Jaime; MCQUISTON, Beth; DATWYLER, Saul                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) 3M INNOVATIVE PROPERTIES COMPANY                      (11) AU-A-2021448554                      (21) 2021448554 (22) 31.05.2021                      (54) A BOOSTER UNIT AND A REVERSE OSMOSIS FILTRATION SYSTEM                      (51) Int. Cl.                      B01D 63/00 ( 2006.01 )</p>	<p>(71) ABBOTT LABORATORIES                      (11) AU-A-2022293389                      (21) 2022293389 (22) 14.06.2022                      (54) METHODS OF DIAGNOSING OR AIDING IN DIAGNOSIS OF BRAIN INJURY CAUSED BY ACOUSTIC ENERGY, ELECTROMAGNETIC ENERGY, AN OVER PRESSURIZATION WAVE, AND/OR BLAST WIND                      (51) Int. Cl.                      G01N 33/53 ( 2006.01 )                      G01N 33/68 ( 2006.01 )                      (87) WO2022/266034                      (31) 63/210,397 (32) 14.06.21 (33) US                      63/227,844 30.07.21 US                      63/282,016 22.11.21 US                      (43) 22.12.2022                      (72) MARINO, Jaime; MCQUISTON, Beth; DATWYLER, Saul                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABLE INNOVATIONS INC.                      (11) AU-A-2022449916                      (21) 2022449916 (22) 30.03.2022                      (54) TRANSFER DEVICE WITH PLAT-FORM PLATE HAVING TWO-SIDED FUNCTIONALITY                      (51) Int. Cl.                      A61G 7/10 ( 2006.01 )                      A61L 2/10 ( 2006.01 )                      B62B 3/02 ( 2006.01 )                      (87) WO2023/184008                      (43) 05.10.2023                      (72) CHANG, Philip; BUI, Ngoc Phuong; GUTHRIE, Veronica; MULLER, Aidan; SODEIFI, Cassra; SINGH, Jayiesh; VAUGHAN, Trevor Jordan                      (74) Dentons Patent Attorneys Australasia Limited</p>
<p>(71) ACADEMIA SINICA                      (11) AU-A-2022297542</p>	<p>(71) ACADEMIA SINICA                      (11) AU-A-2022297542</p>	<p>(71) ACADEMIA SINICA                      (11) AU-A-2022297542</p>

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022297542 (22) 24.06.2022  
**(54)** COMBINED CANCER THERAPY WITH AN EPITHELIAL CELL ADHESION MOLECULE (EPCAM) INHIBITOR AND A HEPATOCYTE GROWTH FACTOR RECEPTOR (HGFR) INHIBITOR  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2022/272047  
**(31)** 63/215,016 (32) 25.06.21 (33) US  
**(43)** 29.12.2022  
**(72)** WU, Han-Chung; LEE, Chi-Chiu  
**(74)** Griffith Hack
- 
- (71)** ACADEMIA SINICA  
**(11)** AU-A-2022299304  
**(21)** 2022299304 (22) 24.06.2022  
**(54)** COMBINED CANCER THERAPY WITH AN EPITHELIAL CELL ADHESION MOLECULE (EPCAM) INHIBITOR AND A WNT INHIBITOR  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**(87)** WO2022/272050  
**(31)** 63/215,036 (32) 25.06.21 (33) US  
**(43)** 29.12.2022  
**(72)** WU, Han-Chung; PANDA, Sushree Shankar  
**(74)** Griffith Hack
- 
- (71)** ACCUPREDICT, INC.  
**(11)** AU-A-2022290870  
**(21)** 2022290870 (22) 13.06.2022  
**(54)** ADJUSTMENT SYSTEM AND METHOD FOR PATIENT POSITION INTRA-OPERATIVELY USING RADIOGRAPHIC MEASUREMENTS  
**(51)** Int. Cl.  
**A61B 17/17** ( 2006.01 )  
**A61B 17/90** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
**(87)** WO2022/261548  
**(31)** 63/209,656 (32) 11.06.21 (33) US  
 63/279,481 15.11.21 US  
**(43)** 15.12.2022  
**(72)** BOETTNER, Friedrich; PREMKUMAR, Ajay  
**(74)** James & Wells Intellectual Property
- 
- (71)** ACEA THERAPEUTICS, INC.  
**(11)** AU-A-2022283816  
**(21)** 2022283816 (22) 01.06.2022  
**(54)** PROTEASE INHIBITORS AS ANTIVIRALS  
**(51)** Int. Cl.  
**A61P 31/14** ( 2006.01 )  
**C07D 207/267** ( 2006.01 )  
**C07D 209/42** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )
- 
- (71)** ACURASTEM, INC.  
**(11)** AU-A-2022297448  
**(21)** 2022297448 (22) 22.06.2022  
**(54)** PIKFYVE ANTISENSE OLIGONUCLEOTIDES  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7115** ( 2006.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(87)** WO2022/271836  
**(31)** 63/202,717 (32) 22.06.21 (33) US  
**(43)** 29.12.2022  
**(72)** CHANG, Wen-Hsuan; LEE, Emily Elizabeth  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ADAMA MAKHTESHIM LTD.  
**(11)** AU-A-2022294265  
**(21)** 2022294265 (22) 15.06.2022  
**(54)** NOVALURON WATER DISPERSIBLE SOLID COMPOSITION  
**(51)** Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 47/34** ( 2006.01 )  
**A01N 55/02** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**(87)** WO2022/264064  
**(31)** 63/211,391 (32) 16.06.21 (33) US  
**(43)** 22.12.2022  
**(72)** KOREN, Lital; DAYAGI, Yohai; MINES, Yaakov  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ADIENNE S.A.  
**(11)** AU-A-2022273206  
**(21)** 2022273206 (22) 13.05.2022  
**(54)** METHODS OF TREATING DERMATOMYOSITIS  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2022/238977  
**(31)** 63/201,806 (32) 13.05.21 (33) US  
**(43)** 17.11.2022  
**(72)** DI NARO, Antonio Francesco  
**(74)** Pearce IP Pty Ltd
- 
- (71)** AERIE PHARMACEUTICALS, INC.  
**(11)** AU-A-2022304597  
**(21)** 2022304597 (22) 01.07.2022  
**(54)** AZETIDINYL PYRIMIDINES AND USES THEREOF  
**(51)** Int. Cl.  
**A61P 27/02** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 491/06** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**(87)** WO2023/279105  
**(31)** 63/217,607 (32) 01.07.21 (33) US  
**(43)** 05.01.2023  
**(72)** ELLIS, David Archer; GORDHAN, Heeren M.; LICHOROWIC, Cynthia L.; STURDIVANT, Jill M.; DELONG, Mitchell A.; KOPCZYNSKI, Casey; WHITE, Jeffrey C.; SENCHYNA, Michelle; HOLLANDER, David  
**(74)** K&L Gates
- 
- (71)** AGCO CORPORATION; PRECISION PLANTING LLC  
**(11)** AU-A-2022276152  
**(21)** 2022276152 (22) 05.01.2022  
**(54)** LIQUID DISTRIBUTION SYSTEMS FOR CROP SPRAYERS, AND RELATED METHODS  
**(51)** Int. Cl.  
**A01M 7/00** ( 2006.01 )  
**(87)** WO2022/243750  
**(31)** 63/191,131 (32) 20.05.21 (33) US  
**(43)** 24.11.2022  
**(72)** MCMENAMY, Justin; SNYDER, Todd Brandon; ANDERSON, Joseph Paul; SLAWSON, James McGrath  
**(74)** Griffith Hack
- 
- (71)** AGENSYS, INC.; SEAGEN INC.  
**(11)** AU-A-2022328339  
**(21)** 2022328339 (22) 12.08.2022  
**(54)** METHODS FOR TREATING NON-MUSCLE INVASIVE BLADDER CANCER (NMIBC) WITH ANTIBODY DRUG CONJUGATES (ADC) THAT BIND TO 191P4D12 PROTEINS  
**(51)** Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- A61P 35/04** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2023/019236  
**(31)** 63/233,048 ( **32** ) 13.08.21 ( **33** ) US  
63/242,380 09.09.21 US  
63/328,441 07.04.22 US  
**(43)** 16.02.2023  
**(72)** CAROSINO, Christopher; NARAYANAN, Sujata; GARG, Amit  
**(74)** Zone Law Limited
- 
- (71)** ALBERT EINSTEIN COLLEGE OF MEDICINE  
**(11)** AU-A-2022301125  
**(21)** 2022301125 ( **22** ) 01.07.2022  
**(54)** COMPOSITIONS AND METHODS FOR INHIBITING THE EXPRESSION OF TMIGD2  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2023/279107  
**(31)** 63/217,630 ( **32** ) 01.07.21 ( **33** ) US  
**(43)** 05.01.2023  
**(72)** ZANG, Xingxing; WANG, Hao; SICA, Roberto Alejandro  
**(74)** Spruson & Ferguson
- 
- (71)** ALFA LAVAL CORPORATE AB  
**(11)** AU-A-2022283492  
**(21)** 2022283492 ( **22** ) 06.05.2022  
**(54)** A CENTRIFUGAL SEPARATOR  
**(51)** Int. Cl.  
**B04B 9/04** ( 2006.01 )  
**B04B 15/02** ( 2006.01 )  
**(87)** WO2022/248194  
**(31)** 21176714.0 ( **32** ) 28.05.21 ( **33** ) EP  
**(43)** 01.12.2022  
**(72)** HÖGLUND, Kasper; ELIASSON, Thomas  
**(74)** FB Rice Pty Ltd
- 
- (71)** ALIGOS THERAPEUTICS, INC.  
**(11)** AU-A-2022295990  
**(21)** 2022295990 ( **22** ) 15.06.2022  
**(54)** METHODS AND COMPOSITIONS FOR TARGETING PD-L1  
**(51)** Int. Cl.  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 31/20** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )
- 
- C07D 498/10** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
**(87)** WO2022/266236  
**(31)** 63/212,388 ( **32** ) 18.06.21 ( **33** ) US  
63/263,427 02.11.21 US  
63/363,777 28.04.22 US  
**(43)** 22.12.2022  
**(72)** WU, Tongfei; RABOISSON, Pierre Jean-Marie Bernard; GONZALVEZ, Francois; STOYCHEVA, Antitsa Dimitrova; LIU, Cheng; DEVAL, Jerome; MCGOWAN, David  
**(74)** Spruson & Ferguson
- 
- (71)** ALLFLEX EUROPE SAS  
**(11)** AU-A-2022314203  
**(21)** 2022314203 ( **22** ) 20.07.2022  
**(54)** ONE-PIECE TAG FOR IDENTIFYING AN ANIMAL.  
**(51)** Int. Cl.  
**A01K 11/00** ( 2006.01 )  
**(87)** WO2023/001873  
**(31)** 21306025.4 ( **32** ) 21.07.21 ( **33** ) EP  
**(43)** 26.01.2023  
**(72)** SALIOU, Pierre; DECALUWE, Johan  
**(74)** Spruson & Ferguson
- 
- (71)** ALLYSTA PHARMACEUTICALS, INC.  
**(11)** AU-A-2022304682  
**(21)** 2022304682 ( **22** ) 30.06.2022  
**(54)** MONOMERIC FUSION PEPTIDES AND METHOD OF USE THEREOF  
**(51)** Int. Cl.  
**A61K 38/26** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/27** ( 2006.01 )  
**C07K 1/00** ( 2006.01 )  
**(87)** WO2023/278683  
**(31)** 63/216,688 ( **32** ) 30.06.21 ( **33** ) US  
**(43)** 05.01.2023  
**(72)** HSU, Henry; OTVOS, Laszlo  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71)** ALNYLAM PHARMACEUTICALS, INC.  
**(11)** AU-A-2022301058  
**(21)** 2022301058 ( **22** ) 28.06.2022  
**(54)** COMPOSITIONS AND METHODS FOR SILENCING MYOC EXPRESSION  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(87)** WO2023/278406  
**(31)** 63/215,804 ( **32** ) 28.06.21 ( **33** ) US  
63/287,404 08.12.21 US  
63/351,033 10.06.22 US  
**(43)** 05.01.2023  
**(72)** CASTORENO, Adam; PANDYA, Bhaumik A.; CASTELLANOS-RIZALDOS, Elena; SCHLEGEL, Mark K.; JADHAV, Vasant R.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** ALNYLAM PHARMACEUTICALS, INC.  
**(11)** AU-A-2022314619  
**(21)** 2022314619 ( **22** ) 20.07.2022  
**(54)** METABOLIC DISORDER-ASSOCIATED TARGET GENE IRNA COMPOSITIONS AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
**(87)** WO2023/003922  
**(31)** 63/223,995 ( **32** ) 21.07.21 ( **33** ) US  
63/278,126 11.11.21 US  
63/285,143 02.12.21 US  
63/287,578 09.12.21 US  
63/321,799 21.03.22 US  
63/323,543 25.03.22 US  
**(43)** 26.01.2023  
**(72)** DEATON, Aimee, M.; ZUBER, Jeffrey  
**(74)** Griffith Hack
- 
- (71)** ALTRO LIMITED  
**(11)** AU-A-2022289426  
**(21)** 2022289426 ( **22** ) 31.05.2022  
**(54)** IMPROVEMENTS IN OR RELATING TO FLOORING  
**(51)** Int. Cl.  
**B29C 65/00** ( 2006.01 )  
**E04F 15/16** ( 2006.01 )  
**(87)** WO2022/258442  
**(31)** 2108301.9 ( **32** ) 10.06.21 ( **33** ) GB  
**(43)** 15.12.2022  
**(72)** GRAY, Darren; JANUSIS, Arunas  
**(74)** AJ PARK
- 
- (71)** AMGEN INC.  
**(11)** AU-A-2022289721  
**(21)** 2022289721 ( **22** ) 09.06.2022  
**(54)** ENGINEERED NRG-1 VARIANTS WITH IMPROVED SELECTIVITY TOWARD ERBB4 BUT NOT AGAINST ERBB3  
**(51)** Int. Cl.  
**A61P 9/10** ( 2006.01 )  
**C07K 14/475** ( 2006.01 )  
**(87)** WO2022/261299  
**(31)** 63/209,248 ( **32** ) 10.06.21 ( **33** ) US  
**(43)** 15.12.2022  
**(72)** BATES, Darren L.; LIU, Zhi; LEE, TaeWeon; MICHAELS, Mark L.; WANG, Zhulun  
**(74)** Spruson & Ferguson
- 
- (71)** AMGEN INC.  
**(11)** AU-A-2022297535  
**(21)** 2022297535 ( **22** ) 24.06.2022  
**(54)** TREATMENT OF CARDIOVASCULAR DISEASE WITH TREM-1 ANTIGEN BINDING PROTEINS  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2022/272018  
**(31)** 63/215,260 ( **32** ) 25.06.21 ( **33** ) US  
63/353,223 17.06.22 US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 29.12.2022  
 (72) SHETTERLY, Susan; JACKSON, Simon  
 (74) Spruson & Ferguson
- 
- (71) AMOCOR FLEXIBLES NORTH AMERICA, INC.  
 (11) AU-A-2021453193  
 (21) 2021453193 (22) 28.06.2021  
 (54) SCREWCAP AND BOTTLE ASSEMBLY  
 (51) Int. Cl.  
**B65D 41/34** ( 2006.01 )  
 (87) WO2023/277864  
 (43) 05.01.2023  
 (72) HAUMONT, Paul  
 (74) Origin Patent and Trade Mark Attorneys
- 
- (71) ANAPTYSBIO, INC.  
 (11) AU-A-2022274319  
 (21) 2022274319 (22) 12.05.2022  
 (54) ANTIBODY COMPOSITION  
 (51) Int. Cl.  
**A61K 47/02** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
 (87) WO2022/241148  
 (31) 63/187,476 (32) 12.05.21 (33) US  
 (43) 17.11.2022  
 (72) PRASEUTH, Alex; ZEN, Kevin; ALTOBELL III, Laurence; MARINO, Margaret H.  
 (74) Spruson & Ferguson
- 
- (71) ANGEL GROUP CO., LTD.  
 (11) AU-A-2022286108  
 (21) 2022286108 (22) 30.05.2022  
 (54) GAME SYSTEM  
 (51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
**A63F 1/18** ( 2006.01 )  
**A63F 13/70** ( 2014.01 )  
**A63F 13/80** ( 2014.01 )  
 (87) WO2022/255280  
 (31) 2021-094369 (32) 04.06.21 (33) JP  
 (43) 08.12.2022  
 (72) SHIGETA Yasushi  
 (74) RnB IP Pty Ltd
- 
- (71) ANTENGENE BIOLOGICS LIMITED  
 (11) AU-A-2022274204  
 (21) 2022274204 (22) 11.05.2022  
 (54) NOVEL ANTI-CD276 ANTIBODIES AND THE USES THEREOF  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/16** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )
- 
- (71) WO2022/237820  
 (31) PCT/ CN2021/093157  
 PCT/ 27.04.22 CN  
 CN2022/089645  
 (43) 17.11.2022  
 (72) YUWEN, Hui; HOU, Bing; LI, Tenteng; CHEN, Peng; DENG, Min; SHAN, Bo; MEI, Jay  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) APNIMED, INC. (DELAWARE)  
 (11) AU-A-2022294086  
 (21) 2022294086 (22) 17.06.2022  
 (54) NOREPINEPHRINE REUPTAKE INHIBITORS FOR TREATING SLEEP APNEA  
 (51) Int. Cl.  
**A61K 31/5375** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/216** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2022/266440  
 (31) 63/211,673 (32) 17.06.21 (33) US  
 63/319,035 11.03.22 US  
 (43) 22.12.2022  
 (72) TARANTO-MONTEMURRO, Luigi; FARKAS, Ronald; WHITE, David, P.; MILLER, Lawrence, G.  
 (74) Spruson & Ferguson
- 
- (71) AQILION AB  
 (11) AU-A-2022302936  
 (21) 2022302936 (22) 29.06.2022  
 (54) MACROCYCLIC TAK1 INHIBITORS  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
 (87) WO2023/275199  
 (31) 2109446.1 (32) 30.06.21 (33) GB  
 2203326.0 10.03.22 GB  
 (43) 05.01.2023  
 (72) JOHANSSON, Martin Hans; SVENSSON, Bo; BORGSTRÖM, Björn; PAULSEN, Filip  
 (74) FB Rice Pty Ltd
- 
- (71) AQUAGGA, INC.  
 (11) AU-A-2022305348  
 (21) 2022305348 (22) 29.06.2022  
 (54) PFAS DESTRUCTION IN AN ALKALINE, HYDROTHERMAL ENVIRONMENT, AND RELATED METHODS AND SYSTEMS  
 (51) Int. Cl.  
**B01J 41/05** ( 2017.01 )  
**B01J 41/04** ( 2017.01 )  
**B09C 1/00** ( 2006.01 )  
 (87) WO2023/279021  
 (31) 63/217,602 (32) 01.07.21 (33) US  
 63/252,874 06.10.21 US
- 
- (43) 05.01.2023  
 (72) PINKARD, Brian; CZERSKI, Mike; DE MARNE, Alex; MACEACHERN, Joshua  
 (74) James & Wells Intellectual Property
- 
- (71) AQUESYS, INC.  
 (11) AU-A-2022305240  
 (21) 2022305240 (22) 30.06.2022  
 (54) GLAUCOMA TREATMENT SYSTEMS AND PROCEDURES  
 (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
 (87) WO2023/278807  
 (31) 63/217,230 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) ROMODA, Laszlo  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AQUILIO SPORTS LLC; SPENCE, J.; BUCKLEY, C.; SPENCE, P.A.  
 (11) AU-A-2022299311  
 (21) 2022299311 (22) 24.06.2022  
 (54) THERAPEUTIC PRESSURE, THERMAL, AND/OR OTHER TREATMENT MODALITY SYSTEMS AND METHODS  
 (51) Int. Cl.  
**A61H 9/00** ( 2006.01 )  
 (87) WO2022/272067  
 (31) 63/215,129 (32) 25.06.21 (33) US  
 (43) 29.12.2022  
 (72) SPENCE, John-Paul; BUCKLEY, Christian; SPENCE, Paul A.  
 (74) RnB IP Pty Ltd
- 
- (71) ARBOLOOM IP AG  
 (11) AU-A-2022307556  
 (21) 2022307556 (22) 06.07.2022  
 (54) CONTAINER AND METHOD ASSEMBLING A CONTAINER  
 (51) Int. Cl.  
**B27D 1/00** ( 2006.01 )  
**B27D 1/08** ( 2006.01 )  
**B31B 50/60** ( 2017.01 )  
**B65D 3/12** ( 2006.01 )  
**B65D 8/00** ( 2006.01 )  
 (87) WO2023/280895  
 (31) 070037/2021 (32) 09.07.21 (33) CH  
 (43) 12.01.2023  
 (72) TORRIANI, Laurent; BERNHARD, Philipp  
 (74) Catalyst Intellectual Property
- 
- (71) ARES TRADING S.A.; GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 4) LTD.  
 (11) AU-A-2022288571  
 (21) 2022288571 (22) 07.06.2022  
 (54) COMBINATION TREATMENT OF CANCER  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2022/258622  
 (31) 63/197,793 (32) 07.06.21 (33) US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 15.12.2022  
 (72) ZAYNAGETDINOV, Rinat; NALLAPA-RAJU, Kalyan Chakravarthy; BELOUSOVA, Natalya; LAN, Yan  
 (74) Griffith Hack
- 
- (71) ARMAMENTS CORPORATION OF SOUTH AFRICA SOC LTD  
 (11) AU-A-2022294257  
 (21) 2022294257 (22) 14.06.2022  
 (54) A SYSTEM FOR DETERRING AQUATIC ANIMALS  
 (51) Int. Cl.  
*A01M 29/24* ( 2011.01 )  
*B63C 9/05* ( 2006.01 )  
 (87) WO2022/264024  
 (31) 2021/04125 (32) 17.06.21 (33) ZA  
 (43) 22.12.2022  
 (72) VENTER, Jacob; VAN WYK, Johannes; JACOBS, Gabriel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ARRAY BIOPHARMA INC.  
 (11) AU-A-2022297733  
 (21) 2022297733 (22) 23.06.2022  
 (54) HER2 MUTATION INHIBITORS  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
 (87) WO2022/269531  
 (31) 63/215,435 (32) 26.06.21 (33) US  
 63/294,590 29.12.21 US  
 63/350,495 09.06.22 US  
 (43) 29.12.2022  
 (72) ELLIS, Bryan Daniel; HICKEN, Erik James; LAIRD, Ellen Ruth; LAZARA, Nicholas Charles; NEWHOUSE, Bradley Jon; PAJK, Spencer Phillip; ROSEN, Rachel Zoe; SHELP, Russell Andrew  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ASPECT BIOSYSTEMS LTD.  
 (11) AU-A-2022280543  
 (21) 2022280543 (22) 24.05.2022  
 (54) SELECTIVELY PERMEABLE ANNULUS FIBERS AND METHODS OF USING SAME  
 (51) Int. Cl.  
*A61L 27/50* ( 2006.01 )  
*A61L 27/24* ( 2006.01 )  
*A61L 27/26* ( 2006.01 )  
 (87) WO2022/246550  
 (31) 63/192,552 (32) 24.05.21 (33) US  
 (43) 01.12.2022  
 (72) WADSWORTH, Sam; MOHAMED, Tamer; GETSIOS, Spiro; RUSSO, Valerio; PAN, Sheng; BEYER, Simon; PIRET, James; LOZANO, René Gonzalo Pedroza  
 (74) Spruson & Ferguson
- 
- (71) ASSA ABLOY ENTRANCE SYSTEMS AB  
 (11) AU-A-2022303567  
 (21) 2022303567 (22) 16.06.2022  
 (54) POWERED TRAILER SYSTEMS  
 (51) Int. Cl.  
*E05F 15/67* ( 2015.01 )  
*B65G 69/00* ( 2006.01 )  
*E05B 81/00* ( 2014.01 )  
*E05F 15/673* ( 2015.01 )  
*E05F 15/686* ( 2015.01 )  
*G05B 19/418* ( 2006.01 )  
 (87) WO2023/274744  
 (31) 63/218,110 (32) 02.07.21 (33) US  
 63/247,725 23.09.21 US  
 2130336-7 30.11.21 SE  
 2130337-5 30.11.21 SE  
 2130338-3 30.11.21 SE  
 2130339-1 30.11.21 SE  
 (43) 05.01.2023  
 (72) HOOFARD, Richard; DAY, Daryl; WHITLEY, L. Blake  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ASTELLAS PHARMA EUROPE BV; XENCOR, INC.  
 (11) AU-A-2022292895  
 (21) 2022292895 (22) 15.06.2022  
 (54) BISPECIFIC BINDING AGENTS BINDING TO CLDN18.2 AND CD3  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2022/263508  
 (31) PCT/EP2021/066141 (32) 15.06.21 (33) EP  
 (43) 22.12.2022  
 (72) BERNETT, Matthew; NISTHAL, Alex; MOORE, Gregory  
 (74) FB Rice Pty Ltd
- 
- (71) ASTRAZENECA AB  
 (11) AU-A-2022281992  
 (21) 2022281992 (22) 24.05.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATING LUNG CANCER  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (87) WO2022/248478  
 (31) 63/192,217 (32) 24.05.21 (33) US  
 (43) 01.12.2022  
 (72) JARKOWSKI, III, Anthony; DENNIS, Phillip; TRANI, Leo; NEWTON, Michael; SHIRE, Norah  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ATAI THERAPEUTICS, INC.  
 (11) AU-A-2022287974  
 (21) 2022287974 (22) 09.06.2022  
 (54) NOVEL PRODRUGS AND CONJUGATES OF DIMETHYLTRYPTAMINE  
 (51) Int. Cl.  
*C07D 209/04* ( 2006.01 )  
*A61K 31/33* ( 2006.01 )  
*C07D 209/00* ( 2006.01 )  
*C07D 209/02* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
 (87) WO2022/261383  
 (31) 63/208,874 (32) 09.06.21 (33) US  
 63/229,879 05.08.21 US
- 
- (43) 15.12.2022  
 (72) SHORT, Glenn; RAO, Srinivas; PERNI, Robert B.; KHAN, Tanweer  
 (74) Dennemeyer & Associates
- 
- (71) ATALANTA THERAPEUTICS, INC.  
 (11) AU-A-2022286420  
 (21) 2022286420 (22) 02.06.2022  
 (54) COMPOSITIONS AND METHODS FOR DELIVERING THERAPEUTIC OLIGONUCLEOTIDES TO THE CENTRAL NERVOUS SYSTEM  
 (51) Int. Cl.  
*A61K 31/713* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
 (87) WO2022/256565  
 (31) 63/195,993 (32) 02.06.21 (33) US  
 (43) 08.12.2022  
 (72) HASSLER, Matthew; KINBERGER, Garth, A.; GODINHO, Bruno, Miguel Da Cruz  
 (74) Griffith Hack
- 
- (71) ATEA PHARMACEUTICALS, INC.  
 (11) AU-A-2022291927  
 (21) 2022291927 (22) 17.06.2022  
 (54) ADVANTAGEOUS ANTI-HCV COMBINATION THERAPY  
 (51) Int. Cl.  
*A61K 31/395* ( 2006.01 )  
*A61K 31/4184* ( 2006.01 )  
*A61K 31/454* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
 (87) WO2022/266497  
 (31) 63/212,047 (32) 17.06.21 (33) US  
 (43) 22.12.2022  
 (72) SOMMADOSSI, Jean-Pierre; MOUSSA, Adel; PIETROPAOLO, Keith, M.; ZHOU, Xiao-Jian  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ATHIRA PHARMA, INC.  
 (11) AU-A-2022312384  
 (21) 2022312384 (22) 21.06.2022  
 (54) METHODS OF TREATING ALZHEIMER'S DISEASE  
 (51) Int. Cl.  
*A61K 31/66* ( 2006.01 )  
*C07F 9/02* ( 2006.01 )  
*C07F 9/40* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
 (87) WO2023/287556  
 (31) PCT/US2021/042071 (32) 16.07.21 (33) US  
 (43) 19.01.2023  
 (72) MOEBIUS, Hans J.; HUA, Xue; CHURCH, Kevin; WALKER, William; KAWAS, Leen  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ATRECA, INC.  
 (11) AU-A-2022292722  
 (21) 2022292722 (22) 16.06.2022  
 (54) ANTI-CSP ANTIBODIES  
 (51) Int. Cl.  
*C07K 16/20* ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- A61P 33/06* ( 2006.01 )  
**(87)** WO2022/266383  
**(31)** 63/211,820 **(32)** 17.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** EMERLING, Daniel, Eric; KETCHEM, Randal, R.; LIPPOW, Shaun, M.; VOLKMUTH, Wayne; WILLIAMS, Katherine, L.  
**(74)** Spruson & Ferguson
- 
- (71)** AUCKLAND UNISERVICES LIMITED; IKUTEGBE, C.A.; FARID, M.M.  
**(11)** AU-A-2022277017  
**(21)** 2022277017 **(22)** 17.05.2022  
**(54)** POLYURETHANE FOAMS COMPRISING PHASE CHANGE MATERIALS  
**(51)** Int. Cl.  
*C08G 101/00* ( 2006.01 )  
*C08G 18/08* ( 2006.01 )  
*C08K 5/01* ( 2006.01 )  
*C08K 5/101* ( 2006.01 )  
*C08L 75/04* ( 2006.01 )  
*C09K 5/06* ( 2006.01 )  
**(87)** WO2022/245226  
**(31)** 776212 **(32)** 18.05.21 **(33)** NZ  
**(43)** 24.11.2022  
**(72)** IKUTEGBE, Charles Arienrhi; FARID, Mohammed Mehdi  
**(74)** Catalyst Intellectual Property
- 
- (71)** AUGMENTA AGRICULTURE TECHNOLOGIES SMPC  
**(11)** AU-A-2022278034  
**(21)** 2022278034 **(22)** 19.05.2022  
**(54)** APPARATUSES FOR FACILITATING MANAGING CULTIVATION OF CROPS BASED ON MONITORING THE CROPS  
**(51)** Int. Cl.  
*A01C 21/00* ( 2006.01 )  
**(87)** WO2022/243944  
**(31)** 63/190,622 **(32)** 19.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** NIKOLAKAKIS, Alexandros-Emanouil; ANTONIOU, Efsthathios; KARAKOULA, Aikaterini; VARVARELIS, Georgios  
**(74)** FB Rice Pty Ltd
- 
- (71)** AUREGEN BIOTHERAPEUTICS SA  
**(11)** AU-A-2022292071  
**(21)** 2022292071 **(22)** 14.06.2022  
**(54)** GELLAN GUM COMPOSITIONS AND METHOD FOR THEIR PREPARATION  
**(51)** Int. Cl.  
*C08B 37/00* ( 2006.01 )  
*A61K 47/36* ( 2006.01 )  
*C08L 5/00* ( 2006.01 )  
**(87)** WO2022/263405  
**(31)** 21179842.6 **(32)** 16.06.21 **(33)** EP  
**(43)** 22.12.2022  
**(72)** KESTI, Matti Jaakko Johannes; YEWEY, Gary  
**(74)** Griffith Hack
- 
- (71)** AUSTRALIAN COIL SERVICES PTY LTD  
**(11)** AU-A-2022307366  
**(21)** 2022307366 **(22)** 05.07.2022  
**(54)** A METHOD FOR PERFORMING CHEMICAL TREATMENTS IN WELL-BORES  
**(51)** Int. Cl.  
*E21B 33/138* ( 2006.01 )  
*E21B 33/14* ( 2006.01 )  
*E21B 43/02* ( 2006.01 )  
*E21B 43/16* ( 2006.01 )  
**(87)** WO2023/279148  
**(31)** 2021902047 **(32)** 06.07.21 **(33)** AU  
**(43)** 12.01.2023  
**(72)** HARPER, Andrew; TARRE MOSER, Diego; LUCHAK, Steven Peter  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71)** B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY  
**(11)** AU-A-2022295209  
**(21)** 2022295209 **(22)** 08.06.2022  
**(54)** SYSTEM AND METHOD FOR DETERMINING AQUEOUS NITRATE CONCENTRATION IN SOLUTION CONTAINING DISSOLVED ORGANIC CARBON  
**(51)** Int. Cl.  
*G01N 21/31* ( 2006.01 )  
*G01N 21/05* ( 2006.01 )  
*G01N 21/33* ( 2006.01 )  
*G01N 21/53* ( 2006.01 )  
*G01N 21/59* ( 2006.01 )  
*G01N 33/18* ( 2006.01 )  
**(87)** WO2022/264121  
**(31)** 63/210,018 **(32)** 13.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** DAHAN, Ofer; YESHNO, Elad; ARNON, Shlomi  
**(74)** Alder IP Pty Ltd
- 
- (71)** B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY  
**(11)** AU-A-2022295211  
**(21)** 2022295211 **(22)** 12.06.2022  
**(54)** SYSTEM AND METHOD FOR REDUCING DOWN-LEACHING OF EXCESS OF FERTILIZATION TO A BELOW-ROOTS ZONE  
**(51)** Int. Cl.  
*A01C 21/00* ( 2006.01 )  
*G01N 33/24* ( 2006.01 )  
**(87)** WO2022/264126  
**(31)** 63/210,020 **(32)** 13.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** DAHAN, Ofer; YESHNO, Elad; ARNON, Shlomi  
**(74)** Alder IP Pty Ltd
- 
- (71)** B.T.G. ADVANCED BIOFUEL COMPANY B.V.  
**(11)** AU-A-2021454637  
**(21)** 2021454637 **(22)** 08.07.2021  
**(54)** HYDROTREATMENT OF VEGETABLE BIOMASS  
**(51)** Int. Cl.  
*C10G 3/00* ( 2006.01 )  
*C10B 53/00* ( 2006.01 )  
*C10G 1/08* ( 2006.01 )  
*C10G 65/02* ( 2006.01 )  
**(87)** WO2023/280411  
**(43)** 12.01.2023  
**(72)** VENDERBOSCH, Robertus Hendrikus  
**(74)** Golja Haines & Friend
- 
- (71)** BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.  
**(11)** AU-A-2022289383  
**(21)** 2022289383 **(22)** 09.06.2022  
**(54)** METHODS FOR INCREASING THE NUMBER OF COUNTERMEASURE EXPENDABLES FOR DISPENSING SYSTEMS  
**(51)** Int. Cl.  
*F41A 19/68* ( 2006.01 )  
**(87)** WO2022/261291  
**(31)** 17/345,551 **(32)** 11.06.21 **(33)** US  
**(43)** 15.12.2022  
**(72)** PLEMONS, Danny L.; DUBE, Mark J.; GILBERT, Daniel M.  
**(74)** Spruson & Ferguson
- 
- (71)** BAKER HUGHES HOLDINGS LLC  
**(11)** AU-A-2022294874  
**(21)** 2022294874 **(22)** 16.06.2022  
**(54)** CASING-EMBEDDED FIBER-OPTICS TELEMETRY FOR REAL-TIME WELL INTEGRITY MONITORING  
**(51)** Int. Cl.  
*E21B 47/007* ( 2012.01 )  
*E21B 17/00* ( 2006.01 )  
*E21B 17/042* ( 2006.01 )  
**(87)** WO2022/266286  
**(31)** 17/351,580 **(32)** 18.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** LIVESCU, Silviu; ROUX, Pierre-Francois  
**(74)** Patent Attorney Services
- 
- (71)** BANDICOOT IMAGING SCIENCES PTY LTD  
**(11)** AU-A-2022297911  
**(21)** 2022297911 **(22)** 24.06.2022  
**(54)** A METHOD FOR GENERATING A SHIMMER VIEW OF A PHYSICAL OBJECT  
**(51)** Int. Cl.  
*G06T 15/50* ( 2011.01 )  
*G06T 7/73* ( 2017.01 )  
**(87)** WO2022/266719  
**(31)** 2021901901 **(32)** 24.06.21 **(33)** AU  
**(43)** 29.12.2022  
**(72)** FLETCHER, Peter Alleine; ARNISON, Matthew Raphael; MONAGHAN, David Robert James; KARLOV, David  
**(74)** envantage
- 
- (71)** BANGOR UNIVERSITY  
**(11)** AU-A-2022320863  
**(21)** 2022320863 **(22)** 22.07.2022

PCT applications which have entered the National Phase - Name Index cont'd

(54) WAVEGUIDE SECTION, WAVEGUIDE, SKIN TREATMENT APPARATUS, HANDHELD APPLICATOR, APPLICATOR PAD AND A SKIN TREATMENT KIT  
 (51) Int. Cl.  
**A61N 1/32** ( 2006.01 )  
**A61N 5/02** ( 2006.01 )  
 (87) WO2023/006633  
 (31) 2110955.8 (32) 29.07.21 (33) GB  
 (43) 02.02.2023  
 (72) JONES, Aeron Wyn; ULLRICH, George; HANCOCK, Christopher, Paul; WEBB, David  
 (74) Davies Collison Cave Pty Ltd

(71) BARDEX CORPORATION  
 (11) AU-A-2022290259  
 (21) 2022290259 (22) 07.06.2022  
 (54) PARAMETRIC WAVE ENERGY, SUBSEA POWER GENERATION  
 (51) Int. Cl.  
**F03B 13/14** ( 2006.01 )  
**F03B 15/00** ( 2006.01 )  
**F03B 13/12** ( 2006.01 )  
**F03B 13/16** ( 2006.01 )  
**F03B 13/18** ( 2006.01 )  
 (87) WO2022/261109  
 (31) 63/209,030 (32) 10.06.21 (33) US  
 (43) 15.12.2022  
 (72) STAPELMANN, Frank Herbert  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) BASF SE  
 (11) AU-A-2022292047  
 (21) 2022292047 (22) 09.06.2022  
 (54) YIELD IMPROVEMENT BY GENE COMBINATIONS  
 (51) Int. Cl.  
**C07K 14/415** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
 (87) WO2022/263285  
 (31) 63/210,291 (32) 14.06.21 (33) US  
 (43) 22.12.2022  
 (72) DEYOUNG, Brody John; BOCCI ZANON, Renata; CUI, Yunxing Cory; SCHULTHEISS, Holger, Dr.  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2022292061  
 (21) 2022292061 (22) 13.06.2022  
 (54) POLYALKYLENE OXIDE ESTER POLYMER, ITS PREPARATION AND USE  
 (51) Int. Cl.  
**C08G 63/672** ( 2006.01 )  
**C08G 63/60** ( 2006.01 )  
**C08G 63/664** ( 2006.01 )  
**C08G 63/78** ( 2006.01 )  
**C08G 65/324** ( 2006.01 )  
 (87) WO2022/263355  
 (31) 21180239.2 (32) 18.06.21 (33) EP  
 (43) 22.12.2022  
 (72) MORMUL, Verena; OECHSLE, Peter; SCHADE, Christian; HUEFFER, Stephan; WEISS, Thomas  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2022293939  
 (21) 2022293939 (22) 08.06.2022  
 (54) NEW GASOLINE ADDITIVE PACKAGES  
 (51) Int. Cl.  
**C10L 1/2383** ( 2006.01 )  
**C08F 8/32** ( 2006.01 )  
**C10L 1/14** ( 2006.01 )  
**C10L 1/198** ( 2006.01 )  
**C10L 1/224** ( 2006.01 )  
**C10L 1/238** ( 2006.01 )  
**C10L 1/2387** ( 2006.01 )  
**C10L 10/04** ( 2006.01 )  
**C10L 10/06** ( 2006.01 )

(87) WO2022/263254  
 (31) 21179502.6 (32) 15.06.21 (33) EP  
 (43) 22.12.2022  
 (72) MOLAWI, Kian; HANSCH, Markus; WALTER, Marc; ZORN, Matthias; MEZGER, Jochen  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2022293959  
 (21) 2022293959 (22) 13.06.2022  
 (54) BIODEGRADABLE GRAFT POLYMERS  
 (51) Int. Cl.  
**C08F 283/02** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**C08G 63/664** ( 2006.01 )  
**C08G 63/672** ( 2006.01 )  
**C08G 63/78** ( 2006.01 )  
**C08L 51/08** ( 2006.01 )

(87) WO2022/263354  
 (31) 21180319.2 (32) 18.06.21 (33) EP  
 21182316.6 29.06.21 EP  
 (43) 22.12.2022  
 (72) HUEFFER, Stephan; WEISS, Thomas; OECHSLE, Peter; MORMUL, Verena; BARTHEL, Erik; LAST, Stefan; WAGNER, Aaron; WOLWERTZ, Susanne; RUDE, Janine; BENTELE, Joachim; KREMZOW-GRAW, Doris  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2022296764  
 (21) 2022296764 (22) 21.06.2022  
 (54) METAL-ORGANIC FRAMEWORKS WITH PYRAZOLE-BASED BUILDING BLOCKS  
 (51) Int. Cl.  
**A01N 63/50** ( 2020.01 )  
**A01P 1/00** ( 2006.01 )  
 (87) WO2022/268810  
 (31) 21180687.2 (32) 21.06.21 (33) EP  
 (43) 29.12.2022  
 (72) NAVE, Barbara; MARX, Stefan; STAAL, Maarten; CLADE, Stefanie; DICKHAUT, Joachim; THIEL, Uwe  
 (74) Griffith Hack

(71) BASF SE  
 (11) AU-A-2022304054  
 (21) 2022304054 (22) 09.05.2022  
 (54) USE OF ASPHALT COMPOSITION FOR WEATHERPROOFING APPLICATION  
 (51) Int. Cl.  
**C08L 95/00** ( 2006.01 )  
 (87) WO2023/274609  
 (31) 63/216,011 (32) 29.06.21 (33) US  
 21196512.4 14.09.21 EP  
 (43) 05.01.2023  
 (72) MALONSON, Bernie Lewis; SCHATZ, Waldemar; ORR, Brian  
 (74) Griffith Hack

(71) BAUERFEIND AG  
 (11) AU-A-2022306749  
 (21) 2022306749 (22) 01.07.2022  
 (54) BANDAGE FOR THE WRIST JOINT OR THE ANKLE JOINT  
 (51) Int. Cl.  
**A61F 5/01** ( 2006.01 )  
**A61F 13/06** ( 2006.01 )  
**A61F 13/10** ( 2006.01 )  
 (87) WO2023/280718  
 (31) 10 2021 207 095.7 (32) 06.07.21 (33) DE  
 (43) 12.01.2023  
 (72) BAUERFEIND, Hans B.; HOLTER, Toni  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BÄUMER, S.; BÄUMER, N.; BERDEL, W.; LENZ, G.; WITTMANN, L.  
 (11) AU-A-2022276378  
 (21) 2022276378 (22) 20.05.2022  
 (54) ANTIBODY-PROTAMINE FUSIONS AS TARGETING COMPOUNDS OF A PROTAMINE-BASED NANOPARTICLE  
 (51) Int. Cl.  
**A61K 47/64** ( 2017.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61K 47/69** ( 2017.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )

(87) WO2022/243518  
 (31) 21175340.5 (32) 21.05.21 (33) EP  
 21205455.5 29.10.21 EP  
 21212002.6 02.12.21 EP  
 (43) 24.11.2022  
 (72) BÄUMER, Sebastian; BÄUMER, Nicole; BERDEL, Wolfgang; LENZ, Georg; WITTMANN, Lisa; FAUST, Andreas  
 (74) WRAYS PTY LTD

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA  
 (11) AU-A-2022309839  
 (21) 2022309839 (22) 12.07.2022  
 (54) SYSTEMS FOR MULTI-LEVEL THERMAL MANAGEMENT OF ELECTRONIC DEVICES  
 (51) Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
 (87) WO2023/287764  
 (31) 63/220,720 (32) 12.07.21 (33) US



PCT applications which have entered the National Phase - Name Index cont'd

- (43) 19.01.2023  
(72) SLABY, Jiri; VOGEL, Matthew Stephen; ELLIS, Ford Christopher  
(74) K&L Gates
- 
- (71) BECTON, DICKINSON AND COMPANY  
(11) AU-A-2022300177  
(21) 2022300177 (22) 16.06.2022  
(54) APPARATUS FOR RETAINING AND SEALING SEPTUM IN INSERTION MECHANISM FOR FLUID DELIVERY DEVICE  
(51) Int. Cl.  
A61M 5/158 ( 2006.01 )  
A61M 25/00 ( 2006.01 )  
(87) WO2022/271522  
(31) 63/214,480 (32) 24.06.21 (33) US  
17/838,938 13.06.22 US  
(43) 29.12.2022  
(72) MEJIA-SUAREZ, Laura; SEGIT, Alexander; KUNAPARAJU, Nitish  
(74) Spruson & Ferguson
- 
- (71) BEIJING CONTINENT PHARMACEUTICALS CO., LTD  
(11) AU-A-2022275085  
(21) 2022275085 (22) 16.05.2022  
(54) APPLICATION OF HYDRONIDONE IN PREPARATION OF DRUG FOR TREATING OR PREVENTING CHRONIC HEPATITIS B WITH LIVER FIBROSIS  
(51) Int. Cl.  
A61K 31/44 ( 2006.01 )  
A61P 1/16 ( 2006.01 )  
A61P 31/20 ( 2006.01 )  
(87) WO2022/237910  
(31) 202110531848.7 (32) 14.05.21 (33) CN  
(43) 17.11.2022  
(72) LUO, Ying; MA, Songjiang  
(74) WRAYS PTY LTD
- 
- (71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.  
(11) AU-A-2022350044  
(21) 2022350044 (22) 11.04.2022  
(54) UNMANNED DEVICE CONTROL  
(51) Int. Cl.  
B64D 31/06 ( 2006.01 )  
B64D 27/24 ( 2006.01 )  
(87) WO2023/045301  
(31) 202111106333.9 (32) 22.09.21 (33) CN  
(43) 30.03.2023  
(72) TENG, Xiong; ZHANG, Tianbao; LIU, Baoxu; CHEN, Gang  
(74) FB Rice Pty Ltd
- 
- (71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.  
(11) AU-A-2023207182  
(21) 2023207182 (22) 06.01.2023  
(54) METHOD AND APPARATUS FOR ALLOCATING BEACON CODES IN UNMANNED AERIAL VEHICLE AIRPORT, AND UNMANNED AERIAL VEHICLE LANDING METHOD AND APPARATUS  
(51) Int. Cl.  
B64F 1/20 ( 2006.01 )  
(87) WO2023/134551  
(31) 202210028026.1 (32) 11.01.22 (33) CN  
(43) 20.07.2023  
(72) CAI, Jiancheng; LIU, Xinmin; MAO, Yinian  
(74) FB Rice Pty Ltd
- 
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.  
(11) AU-A-2022279079  
(21) 2022279079 (22) 29.04.2022  
(54) METHOD AND APPARATUS FOR INTERACTING WITH APPLICATION PROGRAM, AND ELECTRONIC DEVICE  
(51) Int. Cl.  
H04N 21/482 ( 2011.01 )  
(87) WO2022/242453  
(31) 202110559456.1 (32) 21.05.21 (33) CN  
(43) 24.11.2022  
(72) GUO, Wanyi; WANG, Yuchen; CAO, Yirui; SONG, Qing; SONG, Licong; WANG, Huaxin; JI, Liyue; YANG, Ze  
(74) Griffith Hack
- 
- (71) BEYOND ENERGY SERVICES AND TECHNOLOGY CORP.  
(11) AU-A-2022306881  
(21) 2022306881 (22) 07.07.2022  
(54) RUNNING AND RETRIEVAL TOOL  
(51) Int. Cl.  
E21B 23/00 ( 2006.01 )  
E21B 23/01 ( 2006.01 )  
(87) WO2023/279192  
(31) 3124148 (32) 09.07.21 (33) CA  
(43) 12.01.2023  
(72) MICHAUD, George James; WILSON, Stewart George; NORVILA, Charles Erle; BROCK, Colin Walter; SKANDS, Jeff  
(74) James & Wells Intellectual Property
- 
- (71) BIOARCTIC AB  
(11) AU-A-2022291255  
(21) 2022291255 (22) 10.06.2022  
(54) BISPECIFIC BINDING MOLECULE  
(51) Int. Cl.  
A61P 25/00 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
C07K 16/18 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
(87) WO2022/258841  
(31) 21179103.3 (32) 11.06.21 (33) EP  
(43) 15.12.2022  
(72) FALK, Ronny; FRESKGÅRD, Per-Ola; HONEK, Ken; SANDERSJÖÖ, Lisa  
(74) FB Rice Pty Ltd
- 
- (71) BIOCITY BIOPHARMACEUTICS CO., LTD.  
(11) AU-A-2022273147  
(21) 2022273147 (22) 12.05.2022  
(54) ANTIBODY CONJUGATE COMPRISING ANTI-P-CADHERIN ANTIBODY AND USES THEREOF  
(51) Int. Cl.  
C07K 16/46 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C12N 15/13 ( 2006.01 )  
(87) WO2022/237874  
(31) PCT/ (32) 13.05.21 (33) CN  
CN2021/093652  
(43) 17.11.2022  
(72) SHEN, Yuhong; LI, Jie; LI, Jing  
(74) FB Rice Pty Ltd
- 
- (71) BIOCRYST PHARMACEUTICALS, INC.  
(11) AU-A-2022283258  
(21) 2022283258 (22) 24.05.2022  
(54) IMIDAZOLE-CONTAINING INHIBITORS OF ALK2 KINASE  
(51) Int. Cl.  
A61K 31/417 ( 2006.01 )  
A61K 31/4184 ( 2006.01 )  
A61K 31/517 ( 2006.01 )  
(87) WO2022/251188  
(31) 63/192,822 (32) 25.05.21 (33) US  
(43) 01.12.2022  
(72) KOTIAN, Pravin L.; BABU, Yarlagadda S.; ZHANG, Weihe; LV, Wei; LU, Peng-Cheng; SPAULDING, Andrew E.; RAMAN, Krishnan  
(74) FB Rice Pty Ltd
- 
- (71) BIOGEN MA INC.  
(11) AU-A-2022291752  
(21) 2022291752 (22) 14.06.2022  
(54) SYNTHETIC PREPARATION FOR DIROXIMEL FUMARATE  
(51) Int. Cl.  
C07D 207/408 ( 2006.01 )  
C07C 69/60 ( 2006.01 )  
(87) WO2022/266082  
(31) 63/210,660 (32) 15.06.21 (33) US  
(43) 22.12.2022  
(72) KWOK, Daw-long, Albert; FEI, Chao; IRDAM, Erwin; WALKER, Donald; GROHMANN, Markus; MOHR, Jens; BUCHER, Janina  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) BIOHM HEALTH LLC  
(11) AU-A-2022293567  
(21) 2022293567 (22) 17.06.2022  
(54) PROBIOTIC COMPOSITIONS FOR ALLEVIATING GASTROINTESTINAL SYMPTOMS IN SUBJECTS WITH A NEUROLOGICAL DISORDER  
(51) Int. Cl.  
A61K 35/745 ( 2015.01 )  
A23L 33/135 ( 2016.01 )  
A61K 9/16 ( 2006.01 )  
A61K 9/19 ( 2006.01 )  
A61K 35/747 ( 2015.01 )  
A61P 1/00 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 31/04 ( 2006.01 )  
A61P 31/10 ( 2006.01 )  
(87) WO2022/266469  
(31) 63/211,967 (32) 17.06.21 (33) US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 22.12.2022  
 (72) GHANNOUM, Afif; HARITAKIS, Michael; FERNALD, Robert  
 (74) Alder IP Pty Ltd
- 
- (71) BIOMX LTD.  
 (11) AU-A-2022272135  
 (21) 2022272135 (22) 12.05.2022  
 (54) STAPHYLOCOCCUS BACTERIOPHAGE AND USES THEREOF  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 35/768** ( 2015.01 )  
**A61P 31/04** ( 2006.01 )  
 (87) WO2022/238947  
 (31) 63/187,484 (32) 12.05.21 (33) US  
 63/216,002 29.06.21 US  
 (43) 17.11.2022  
 (72) ZELCBUCH, Lior Moshe; BUCHSHTAB, Nufar; ELHARAR, Yifat; NICENBOIM, Julian; LIN, Tamar  
 (74) Griffith Hack
- 
- (71) BIONIME CORPORATION  
 (11) AU-A-2022313382  
 (21) 2022313382 (22) 22.07.2022  
 (54) MINIATURIZED BIOSENSOR AND SENSING STRUCTURE THEREOF  
 (51) Int. Cl.  
**G01N 27/26** ( 2006.01 )  
 (87) WO2023/001292  
 (31) 63/224,736 (32) 22.07.21 (33) US  
 (43) 26.01.2023  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; CHEN, Pi-Hsuan; CHEN, Chi-Hao; CHANG, Heng-Chia  
 (74) Golja Haines & Friend
- 
- (71) BIONTECH SE  
 (11) AU-A-2022317263  
 (21) 2022317263 (22) 28.07.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATMENT OF MELANOMA  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2023/006920  
 (31) 63/227,323 (32) 29.07.21 (33) US  
 63/256,377 15.10.21 US  
 (43) 02.02.2023  
 (72) SAHIN, Ugur; JABULOWSKY, Robert A.; SCHWARCK-KOKARAKIS, Doreen; TÜRECI, Özlem  
 (74) FB Rice Pty Ltd
- 
- (71) BIOPOLYMER SWISS AG  
 (11) AU-A-2022296931  
 (21) 2022296931 (22) 20.06.2022  
 (54) HYBRID TURF  
 (51) Int. Cl.  
**E01C 13/08** ( 2006.01 )  
 (87) WO2022/269452  
 (31) 00733/21 (32) 24.06.21 (33) CH
- (43) 29.12.2022  
 (72) TRAVAINI, Fabio; TRAVAINI, Lorenzo; ALBINI, Vincenzo Giovanni  
 (74) Origin Patent and Trade Mark Attorneys
- 
- (71) BIOTHERYX, INC.  
 (11) AU-A-2022292649  
 (21) 2022292649 (22) 15.06.2022  
 (54) SOS1 PROTEIN DEGRADERS, PHARMACEUTICAL COMPOSITIONS THEREOF, AND THEIR THERAPEUTIC APPLICATIONS  
 (51) Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
 (87) WO2022/266248  
 (31) 63/211,326 (32) 16.06.21 (33) US  
 (43) 22.12.2022  
 (72) CHAN, Kyle W.H.; CHOURASIA, Aparajita Hoskote; ERDMAN, Paul E.; FUNG, Leah M.; HECHT, David Aaron; LAM, Imelda; PAPA, Patrick; SCHOOLMEESTERS, Angela; TORRES, Eduardo  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) BLOCK, INC.  
 (11) AU-A-2022303329  
 (21) 2022303329 (22) 30.06.2022  
 (54) SYSTEMS AND METHODS FOR MANAGING CRYPTOCURRENCY  
 (51) Int. Cl.  
**G06F 21/40** ( 2013.01 )  
**G06F 21/32** ( 2013.01 )  
**G06F 21/35** ( 2013.01 )  
**G06F 21/64** ( 2013.01 )  
**H04L 9/00** ( 2022.01 )  
**H04L 9/40** ( 2022.01 )  
**H04W 12/06** ( 2021.01 )  
 (87) WO2023/278792  
 (31) 63/216,969 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) GUISE, Max; RAMACHANDRAN, Shiva; WILLIAMS, Justin; POSNER, Jesse; SCHOOF, Alexander; MECOM, Jordan; AMINPOUR, Arvin; MOYER, Allison; ZHUKOV, Kirill; ROBINSON, David; RYAN, Bradley; LANMAN, Ryan; GROSSMAN, Lindsey  
 (74) FB Rice Pty Ltd
- 
- (71) BLUE BUFFALO ENTERPRISES, INC.  
 (11) AU-A-2022279215  
 (21) 2022279215 (22) 19.05.2022  
 (54) PET FOOD COMPOSITION  
 (51) Int. Cl.  
**A23K 10/16** ( 2016.01 )  
**A23K 20/163** ( 2016.01 )  
**A23K 50/40** ( 2016.01 )  
**A23K 50/42** ( 2016.01 )  
 (87) WO2022/246015  
 (31) 63/191,008 (32) 20.05.21 (33) US
- (43) 24.11.2022  
 (72) FRANTZ, Nolan; PANASEVICH, Matthew  
 (74) FB Rice Pty Ltd
- 
- (71) BLUEPRINT MEDICINES CORPORATION  
 (11) AU-A-2022293861  
 (21) 2022293861 (22) 15.06.2022  
 (54) SUBSTITUTED PYRIMIDINYL-PYRAZOLES AS CDK2 INHIBITORS  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
 (87) WO2022/266190  
 (31) 63/211,426 (32) 16.06.21 (33) US  
 63/327,474 05.04.22 US  
 (43) 22.12.2022  
 (72) RAMSDEN, Philip D.; BIFULCO, JR., Neil; BROOIJMANS, Natasja; PEROLA, Emanuele; VARGAS, Richard; WEN-GLOWSKY, Steven Mark; WILSON, Douglas  
 (74) Spruson & Ferguson
- 
- (71) BLUEPRINT MEDICINES CORPORATION  
 (11) AU-A-2022301047  
 (21) 2022301047 (22) 27.06.2022  
 (54) CDK2 INHIBITORS  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/278326  
 (31) 63/215,901 (32) 28.06.21 (33) US  
 (43) 05.01.2023  
 (72) WILSON, Douglas; BIFULCO, JR., Neil; BROOIJMANS, Natasja; KIM, Joseph L.; PEROLA, Emanuele; RAMSDEN, Philip D.; VARGAS, Richard; WEN-GLOWSKY, Steven Mark  
 (74) Spruson & Ferguson
- 
- (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-A-2022273049  
 (21) 2022273049 (22) 13.05.2022  
 (54) CHIMERIC POLYPEPTIDES AND METHODS OF USE  
 (51) Int. Cl.  
**A61K 35/17** ( 2015.01 )  
 (87) WO2022/241240  
 (31) 63/188,936 (32) 14.05.21 (33) US  
 63/274,765 02.11.21 US  
 (43) 17.11.2022  
 (72) NEELAPU, Sattva S.; LIU, Jingwei; PATCHVA, Sridevi; TANG, Yongfu  
 (74) FB Rice Pty Ltd
- 
- (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-A-2022280063  
 (21) 2022280063 (22) 26.05.2022

PCT applications which have entered the National Phase - Name Index cont'd

- (54) CHIMERIC ANTIGEN RECEPTOR TO TARGET HLA-G-POSITIVE CANCERS  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
 (87) WO2022/251504  
 (31) 63/193,515 (32) 26.05.21 (33) US  
 (43) 01.12.2022  
 (72) REZVANI, Katy; SHPALL, Elizabeth J.; BASAR, Rafet; ACHARYA, Sunil; UPRETY, Nadima; MARIN COSTA, David; ENSLEY, Emily  
 (74) FB Rice Pty Ltd
- 
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; OSE IMMUNOTHERAPEUTICS SA  
 (11) AU-A-2022284373  
 (21) 2022284373 (22) 02.06.2022  
 (54) ANTI-SIRP-ALPHA ANTIBODIES  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2022/254379  
 (31) 63/197,259 (32) 04.06.21 (33) US  
 63/325,828 31.03.22 US  
 63/339,326 06.05.22 US  
 (43) 08.12.2022  
 (72) BOETTCHER, Jark; GUPTA, Pankaj; HABTE, Habtom; HUANG, Yining; KUMAR, Sandeep; PHOENIX, Kathryn; RALPH, Kerry-Leigh; TSANG, Wing Pan Kenny; TROMBETTA, Eduardo Sergio; GUPTA, Priyanka  
 (74) Spruson & Ferguson
- 
- (71) BOLYMEDIA HOLDINGS CO. LTD.  
 (11) AU-A-2021445017  
 (21) 2021445017 (22) 14.05.2021  
 (54) SOLAR ENERGY UTILIZATION DEVICE AND COMBINED STRUCTURE OF SOLAR ENERGY UTILIZATION DEVICE  
 (51) Int. Cl.  
*H02S 40/22* ( 2014.01 )  
*F24S 23/00* ( 2018.01 )  
*H01L 31/054* ( 2014.01 )  
 (87) WO2022/236804  
 (43) 17.11.2022  
 (72) HU, Xiaoping  
 (74) LAMINAR IP PTY LTD
- 
- (71) BOS BALANCE OF STORAGE SYSTEMS AG  
 (11) AU-A-2022285815  
 (21) 2022285815 (22) 26.05.2022  
 (54) ENERGY SYSTEM  
 (51) Int. Cl.  
*H02J 3/32* ( 2006.01 )  
 (87) WO2022/253695  
 (31) 10 2021 113 937.6 (32) 29.05.21 (33) DE  
 (43) 08.12.2022  
 (72) KÜNDIGER, Thomas  
 (74) PIPERS
- 
- (71) BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED  
 (11) AU-A-2022301818  
 (21) 2022301818 (22) 29.06.2022  
 (54) MEDICAL DEVICE HANDLES WITH MULTIPLE DEGREES OF FREEDOM  
 (51) Int. Cl.  
*A61B 17/29* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
 (87) WO2023/275797  
 (31) 63/216,650 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) BHOWMICK, Nabarun; SHARMA, Deepak Kumar; RAUT, Shrikant Vasant  
 (74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC NEUROMODULATION CORPORATION  
 (11) AU-A-2022315275  
 (21) 2022315275 (22) 14.07.2022  
 (54) INTERPOLATION METHODS FOR NEURAL RESPONSES  
 (51) Int. Cl.  
*A61N 1/05* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
 (87) WO2023/004256  
 (31) 63/224,751 (32) 22.07.21 (33) US  
 (43) 26.01.2023  
 (72) STEINKE, G., Karl; COSTELLO, Joseph  
 (74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC NEUROMODULATION CORPORATION  
 (11) AU-A-2022272166  
 (21) 2022272166 (22) 26.04.2022  
 (54) CONFIGURATION OF NEUROSTIMULATION ELECTRODES AND PARAMETERS  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (87) WO2022/240579  
 (31) 63/186,590 (32) 10.05.21 (33) US  
 (43) 17.11.2022  
 (72) MOORE, Lisa Denise; MALEKMOHAMMADI, Mahsa  
 (74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC NEUROMODULATION CORPORATION  
 (11) AU-A-2022274870  
 (21) 2022274870 (22) 26.04.2022  
 (54) REMOTE TITRATION OF NEUROSTIMULATION THERAPY  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (87) WO2022/240580  
 (31) 63/186,596 (32) 10.05.21 (33) US  
 (43) 17.11.2022  
 (72) MOORE, Lisa Denise; MUSTAKOS, Richard  
 (74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
 (11) AU-A-2022301317  
 (21) 2022301317 (22) 14.06.2022
- 
- (54) ARTICULATION CONTROL DEVICE AND METHODS OF USE  
 (51) Int. Cl.  
*A61B 1/005* ( 2006.01 )  
 (87) WO2023/278938  
 (31) 63/217,005 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) WILDER, Evan; POWELL, Sean  
 (74) Spruson & Ferguson
- 
- (71) BP CORPORATION NORTH AMERICA, INC.  
 (11) AU-A-2022303212  
 (21) 2022303212 (22) 29.06.2022  
 (54) REMOVAL OF ORGANIC CHLORIDES FROM RENEWABLE FEEDSTOCKS  
 (51) Int. Cl.  
*C10G 3/00* ( 2006.01 )  
*C10G 19/073* ( 2006.01 )  
*C10G 25/00* ( 2006.01 )  
*C10G 25/05* ( 2006.01 )  
*C11C 1/08* ( 2006.01 )  
 (87) WO2023/278530  
 (31) 63/216,882 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) SUBRAMANI, Velu; ZHANG, Zhaorong; XU, Zhuoran; STEPP, Renzy, Lewis; ABRAHAM, Robert, Cherian; KISPER-SKY, Vincent; THACKER, Kevin; SHABAKER, John  
 (74) Spruson & Ferguson
- 
- (71) BP CORPORATION NORTH AMERICA INC.  
 (11) AU-A-2022300888  
 (21) 2022300888 (22) 29.06.2022  
 (54) CO-PROCESSING OF RENEWABLE FEEDSTOCKS IN PETROLEUM PROCESSING  
 (51) Int. Cl.  
*C10G 3/00* ( 2006.01 )  
*C10G 65/02* ( 2006.01 )  
 (87) WO2023/278531  
 (31) 63/216,896 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) ZIEGELAAR, Paul; SHABAKER, John; SCHMITZ, Christopher; KISPERSKY, Vincent; WELLS, Nigel, Philip  
 (74) Spruson & Ferguson
- 
- (71) BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT  
 (11) AU-A-2021280128  
 (21) 2021280128 (22) 10.05.2021  
 (54) WHEEL HUB ASSEMBLY FOR A VEHICLE WHEEL, AND POLE RING OF AN ABS SENSOR  
 (51) Int. Cl.  
*B60T 8/32* ( 2006.01 )  
*G01P 3/488* ( 2006.01 )  
 (87) WO2021/239181  
 (31) 10 2020 114 052.5 (32) 26.05.20 (33) DE  
 10 2020 130 414.5 18.11.20 DE  
 (43) 02.12.2021  
 (72) SCHLIMBACH, Andreas; SIEBEL, Reiner  
 (74) PHILLIPS ORMONDE FITZPATRICK

PCT applications which have entered the National Phase - Name Index cont'd

- (71) BRETON S.P.A.  
 (11) AU-A-2022311326  
 (21) 2022311326 (22) 13.07.2022  
 (54) ASSEMBLY AND METHOD FOR PROTECTION OF INDUCTION HOBBS AND INDUCTION HOB COMPRISING SUCH PROTECTION ASSEMBLY  
 (51) Int. Cl.  
*H05B 6/06* (2006.01)  
 (87) WO2023/285978  
 (31) 102021000018866 (32) 16.07.21 (33) IT  
 (43) 19.01.2023  
 (72) DONI, Angelo; DUGHIERO, Fabrizio; ZORDAN, Manuel; TONCELLI, Marcello  
 (74) Griffith Hack
- 
- (71) BREVILLE PTY LIMITED  
 (11) AU-A-2022296128  
 (21) 2022296128 (22) 24.06.2022  
 (54) A COFFEE BEAN GRINDING APPARATUS  
 (51) Int. Cl.  
*G01N 33/02* (2006.01)  
*A47J 31/42* (2006.01)  
*A47J 42/44* (2006.01)  
*A47J 42/50* (2006.01)  
 (87) WO2022/266716  
 (31) 2021901928 (32) 25.06.21 (33) AU  
 (43) 29.12.2022  
 (72) WIDANAGAMAGE DON, Lochana Subasekara; PSAROLOGOS, Con  
 (74) GLMR
- 
- (71) BREVILLE PTY LIMITED  
 (11) AU-A-2022300755  
 (21) 2022300755 (22) 10.06.2022  
 (54) STEAM RELEASE MECHANISM FOR AN OVEN  
 (51) Int. Cl.  
*F24C 15/20* (2006.01)  
*A47J 36/38* (2006.01)  
 (87) WO2023/272336  
 (31) 2021901998 (32) 30.06.21 (33) AU  
 (43) 05.01.2023  
 (72) ROCCA, Damian Philip; MAL'CHYKOV, Olexandr  
 (74) GLMR
- 
- (71) BRIGHT PEAK THERAPEUTICS AG  
 (11) AU-A-2022306788  
 (21) 2022306788 (22) 09.07.2022  
 (54) CONJUGATES OF CHECKPOINT INHIBITORS WITH IL-2, AND USES THEREOF  
 (51) Int. Cl.  
*A61K 47/68* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/281480  
 (31) 63/219,985 (32) 09.07.21 (33) US  
 (43) 12.01.2023  
 (72) PATTABIRAMAN, Vijaya Raghavan; KREFT, Bertolt; CARRALOT, Jean-Philippe; ALVAREZ SANCHEZ, Rubén  
 (74) FB Rice Pty Ltd
- 
- (71) BRIGHT PEAK THERAPEUTICS AG  
 (11) AU-A-2022306974  
 (21) 2022306974 (22) 09.07.2022  
 (54) MODIFIED IL-2 POLYPEPTIDES FOR TREATMENT OF INFLAMMATORY AND AUTOIMMUNE DISEASES  
 (51) Int. Cl.  
*C07K 14/55* (2006.01)  
*A61K 38/20* (2006.01)  
*A61K 47/60* (2017.01)  
*A61K 47/68* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/281485  
 (31) 63/219,989 (32) 09.07.21 (33) US  
 63/219,995 09.07.21 US  
 (43) 12.01.2023  
 (72) KREFT, Bertolt; PATTABIRAMAN, Vijaya Raghavan; ALVAREZ SANCHEZ, Rubén; MULLER, Magali; CARRALOT, Jean-Philippe  
 (74) FB Rice Pty Ltd
- 
- (71) BRIGHT PEAK THERAPEUTICS AG  
 (11) AU-A-2022307460  
 (21) 2022307460 (22) 09.07.2022  
 (54) CHECKPOINT INHIBITORS CONJUGATED TO IL-2, AND USES THEREOF  
 (51) Int. Cl.  
*A61K 47/68* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/281479  
 (31) 63/219,981 (32) 09.07.21 (33) US  
 63/219,989 09.07.21 US  
 (43) 12.01.2023  
 (72) PATTABIRAMAN, Vijaya Raghavan; KREFT, Bertolt; CARRALOT, Jean-Philippe; ALVAREZ SANCHEZ, Rubén; MULLER, Magali; ARÉVALO-RUIZ, Matilde  
 (74) FB Rice Pty Ltd
- 
- (71) BRISTOL-MYERS SQUIBB COMPANY  
 (11) AU-A-2022271794  
 (21) 2022271794 (22) 13.05.2022  
 (54) SUBSTITUTED HETEROCYCLIC COMPOUNDS  
 (51) Int. Cl.  
*C07D 401/14* (2006.01)  
*A61K 31/501* (2006.01)  
*A61P 29/00* (2006.01)  
*A61P 37/00* (2006.01)  
*C07D 403/12* (2006.01)  
 (87) WO2022/241171  
 (31) 63/188,498 (32) 14.05.21 (33) US  
 63/318,149 09.03.22 US  
 (43) 17.11.2022  
 (72) SPERGEL, Steven, H.; MOSLIN, Ryan, M.; MERTZMAN, Michael, Edward; TINO, Joseph, A.; POSY, Shoshana, L.; LAKKARAJU, Sirish Kaushik; XIAO, Zili; KEMPSON, James  
 (74) AJ PARK
- 
- (71) BRISTOL-MYERS SQUIBB COMPANY  
 (11) AU-A-2022272725  
 (21) 2022272725 (22) 13.05.2022  
 (54) SUBSTITUTED HETEROCYCLIC COMPOUNDS  
 (51) Int. Cl.
- 
- (71) BUNGE LODERS CROKLAAN B.V.; BUNGE FINLAND OY; WALTER RAU LEBENSMITTELWERKE GMBH  
 (11) AU-A-2022282513  
 (21) 2022282513 (22) 24.05.2022  
 (54) FAT COMPOSITION AND WATER-IN-OIL EMULSION  
 (51) Int. Cl.  
*A23D 7/00* (2006.01)  
*A23D 7/02* (2006.01)  
*A23D 9/00* (2006.01)  
*A23D 9/02* (2006.01)  
*C11C 3/10* (2006.01)  
 (87) WO2022/248490  
 (31) 21175725.7 (32) 25.05.21 (33) EP  
 (43) 01.12.2022  
 (72) DONG, Jiajia; MULDER, Hendrikus; MA, Jun; PIISPA, Eija; Marjatta; SIEKER, Ina  
 (74) Michael Buck IP
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022317598  
 (21) 2022317598 (22) 29.07.2022  
 (54) BATTERY ASSEMBLY, BATTERY PACK AND VEHICLE  
 (51) Int. Cl.  
*H01M 50/289* (2021.01)  
*H01M 50/204* (2021.01)  
*H01M 50/503* (2021.01)  
 (87) WO2023/006064  
 (31) 202121778347.0 (32) 30.07.21 (33) CN  
 (43) 02.02.2023  
 (72) SHU, Yuanmao; WU, Yanfeng; ZHENG, Weixin; LU, Zhipei; SUN, Huajun  
 (74) Integrated IP
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022317611  
 (21) 2022317611 (22) 29.07.2022  
 (54) CHARGING AND SWAPPING SYSTEM FOR DETACHABLE BATTERY PACK  
 (51) Int. Cl.  
*H01M 50/209* (2021.01)  
*H01M 50/244* (2021.01)  
*H01M 50/249* (2021.01)  
 (87) WO2023/006093  
 (31) 202121765703.5 (32) 30.07.21 (33) CN  
 (43) 02.02.2023  
 (72) GUO, Shu  
 (74) GLMR
-

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022334372  
 (21) 2022334372 (22) 16.08.2022  
 (54) SUPERCRITICAL CARBON DIOXIDE CYCLE BASED POWER GENERATION-BRINE LITHIUM EXTRACTION COUPLING SYSTEM  
 (51) Int. Cl.  
**C22B 26/12** ( 2006.01 )  
**F01K 7/32** ( 2006.01 )  
**F01K 25/10** ( 2006.01 )  
 (87) WO2023/024962  
 (31) 202122035573.6 (32) 26.08.21 (33) CN  
 (43) 02.03.2023  
 (72) MA, Yuegeng; LIAN, Junlan; LIN, Hongye  
 (74) GLMR
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022336934  
 (21) 2022336934 (22) 02.09.2022  
 (54) DISTRIBUTOR, CHARGING AND DISTRIBUTING SYSTEM OF VEHICLE, VEHICLE, AND CHARGING PILE  
 (51) Int. Cl.  
**B60L 50/60** ( 2019.01 )  
 (87) WO2023/030485  
 (31) 202111032872.2 (32) 03.09.21 (33) CN  
 (43) 09.03.2023  
 (72) HUANG, Tuodi; XUE, Penghui; LI, Zunjie; LIU, Fen; LIU, Chao  
 (74) Integrated IP
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022338587  
 (21) 2022338587 (22) 17.06.2022  
 (54) LOW-VOLTAGE POWER SUPPLY SYSTEM AND VEHICLE HAVING SAME  
 (51) Int. Cl.  
**H01H 47/32** ( 2006.01 )  
**B60L 50/60** ( 2019.01 )  
 (87) WO2023/029668  
 (31) 202122068389.1 (32) 28.08.21 (33) CN  
 (43) 09.03.2023  
 (72) GUO, Caifang; QI, Axi; LIU, Jian; GAO, Jian; LI, Lele  
 (74) Integrated IP
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022348132  
 (21) 2022348132 (22) 16.09.2022  
 (54) CHARGING PORT DEVICE, OPENING AND CLOSING METHOD, AND VEHICLE  
 (51) Int. Cl.  
**B60L 53/16** ( 2019.01 )  
**B62D 25/24** ( 2006.01 )  
 (87) WO2023/041034  
 (31) 202111087920.8 (32) 16.09.21 (33) CN  
 (43) 23.03.2023  
 (72) ZHANG, Canlin; WANG, Xiangang; LIU, Dongbin; LIANG, Wei  
 (74) GLMR
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022356849  
 (21) 2022356849 (22) 31.08.2022  
 (54) THERMAL MANAGEMENT SYSTEM AND VEHICLE HAVING SAME  
 (51) Int. Cl.  
**B60K 11/04** ( 2006.01 )  
**B60H 1/00** ( 2006.01 )  
**B60H 1/06** ( 2006.01 )  
**B60H 1/14** ( 2006.01 )  
 (87) WO2023/051145  
 (31) 202111161075.4 (32) 30.09.21 (33) CN  
 (43) 06.04.2023  
 (72) YANG, Dongsheng; BAI, Yunhui; ZHANG, Junyan; ZHAO, Shangzhong; TANG, Yifeng  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) BYD COMPANY LIMITED  
 (11) AU-A-2022357874  
 (21) 2022357874 (22) 15.06.2022  
 (54) ELECTRIC MOTOR OVERLOAD PROTECTION METHOD, ELECTRIC MOTOR CONTROLLER, AUTOMOBILE AND STORAGE MEDIUM  
 (51) Int. Cl.  
**H02H 7/085** ( 2006.01 )  
**H02H 7/08** ( 2006.01 )  
**H02P 29/02** ( 2016.01 )  
**H02P 29/024** ( 2016.01 )  
 (87) WO2023/050892  
 (31) 202111152401.5 (32) 29.09.21 (33) CN  
 (43) 06.04.2023  
 (72) WANG, Chunsheng; XU, Boliang; XIONG, Wei; QIN, Tao; CAO, An  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) CALIENT TECHNOLOGIES, INC.  
 (11) AU-A-2022299540  
 (21) 2022299540 (22) 20.06.2022  
 (54) DESIGN AND FABRICATION OF MICRO-MIRRORS WITH REDUCED MOMENT OF INERTIA AND MEMS DEVICES  
 (51) Int. Cl.  
**G02B 26/08** ( 2006.01 )  
**B81B 7/02** ( 2006.01 )  
**B81C 1/00** ( 2006.01 )  
 (87) WO2022/272237  
 (31) 17/807,441 (32) 17.06.22 (33) US  
 63/213,489 22.06.21 US  
 (43) 29.12.2022  
 (72) MILLER, Scott, A.  
 (74) WRAYS PTY LTD
- 
- (71) CAPITAL ONE SERVICES, LLC  
 (11) AU-A-2022292656  
 (21) 2022292656 (22) 16.06.2022  
 (54) SYSTEMS AND METHODS FOR CONTACTLESS CARD COMMUNICATION AND MULTI-DEVICE KEY PAIR CRYPTOGRAPHIC AUTHENTICATION  
 (51) Int. Cl.  
**G06F 21/31** ( 2013.01 )  
**H04L 9/32** ( 2006.01 )  
 (87) WO2022/266283  
 (31) 17/352,181 (32) 18.06.21 (33) US  
 (43) 22.12.2022  
 (72) RULE, Jeffrey; OSBORN, Kevin; LUTZ, Wayne  
 (74) Spruson & Ferguson
- 
- (71) CAPITAL ONE SERVICES, LLC  
 (11) AU-A-2022293469  
 (21) 2022293469 (22) 15.06.2022  
 (54) SYSTEMS AND METHODS FOR CONTACTLESS CARD COMMUNICATION AND KEY PAIR CRYPTOGRAPHIC AUTHENTICATION USING DISTRIBUTED STORAGE  
 (51) Int. Cl.  
**H04L 9/40** ( 2022.01 )  
 (87) WO2022/266199  
 (31) 17/352,143 (32) 18.06.21 (33) US  
 (43) 22.12.2022  
 (72) RULE, Jeffrey; LUTZ, Wayne  
 (74) Spruson & Ferguson
- 
- (71) CAPITAL ONE SERVICES, LLC  
 (11) AU-A-2022297539  
 (21) 2022297539 (22) 24.06.2022  
 (54) CRYPTOGRAPHIC AUTHENTICATION TO CONTROL ACCESS TO STORAGE DEVICES  
 (51) Int. Cl.  
**G06F 21/44** ( 2013.01 )  
**G06F 21/78** ( 2013.01 )  
**H04W 12/069** ( 2021.01 )  
 (87) WO2022/272038  
 (31) 17/358,473 (32) 25.06.21 (33) US  
 (43) 29.12.2022  
 (72) YEE, Bryant; BULGAKOV, Mykhaylo; BERGERON, George  
 (74) GLMR
- 
- (71) CAREFUSION 303, INC.  
 (11) AU-A-2022296423  
 (21) 2022296423 (22) 14.06.2022  
 (54) STABLE IV FLOW REGULATION CLAMP ASSEMBLY  
 (51) Int. Cl.  
**A61M 39/28** ( 2006.01 )  
 (87) WO2022/271493  
 (31) 63/214,589 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) JADHAV, Amarsinh Deeliprao; MALVIYA, Rahul; SANIKOMMU, Narsi Reddy  
 (74) FB Rice Pty Ltd
- 
- (71) CAREFUSION 303, INC.  
 (11) AU-A-2022323009  
 (21) 2022323009 (22) 05.08.2022  
 (54) SYSTEM AND METHOD FOR DETECTION AND CONTROL OF A SYRINGE PUMP EMPTY CONDITION  
 (51) Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
 (87) WO2023/015005  
 (31) 63/230,652 (32) 06.08.21 (33) US  
 (43) 09.02.2023  
 (72) WORKMAN, Michael K.; PAIAM, Reza  
 (74) FB Rice Pty Ltd
- 
- (71) CARGILL, INCORPORATED  
 (11) AU-A-2022291961

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022291961 (22) 17.06.2022  
 (54) SENSORY MODIFIERS FOR MEAT SUBSTITUTE COMPOSITIONS  
 (51) Int. Cl.  
**A23J 3/22** ( 2006.01 )  
**A23L 27/00** ( 2016.01 )  
 (87) WO2022/266667  
 (31) 63/212,381 (32) 18.06.21 (33) US  
 (43) 22.12.2022  
 (72) PURL, Joseph; SARANGAPANI, Rama Krishna; SCHMELZER, Wade Nolan; SULLIVAN, Conor  
 (74) Spruson & Ferguson
- 
- (71) CARGILL, INCORPORATED  
 (11) AU-A-2022292806  
 (21) 2022292806 (22) 17.06.2022  
 (54) SENSORY MODIFIERS FOR PROTEIN COMPOSITIONS  
 (51) Int. Cl.  
**A23L 2/56** ( 2006.01 )  
**A23L 2/66** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A23L 33/185** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
 (87) WO2022/266668  
 (31) 63/212,390 (32) 18.06.21 (33) US  
 (43) 22.12.2022  
 (72) SARANGAPANI, Rama Krishna; SCHMELZER, Wade Nolan  
 (74) Spruson & Ferguson
- 
- (71) CATALOG TECHNOLOGIES, INC.  
 (11) AU-A-2022299498  
 (21) 2022299498 (22) 24.06.2022  
 (54) PROCESSING METHODS FOR NUCLEIC ACID DATA STORAGE  
 (51) Int. Cl.  
**C12Q 1/6806** ( 2018.01 )  
**C12N 15/10** ( 2006.01 )  
**G06N 3/00** ( 2023.01 )  
 (87) WO2022/272068  
 (31) 63/215,223 (32) 25.06.21 (33) US  
 (43) 29.12.2022  
 (72) FLICKINGER, Sarah; KAMBARA, Tracy; LEAKE, Devin; NORSWORTHY, Michael  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) CATERPILLAR INC.  
 (11) AU-A-2022295774  
 (21) 2022295774 (22) 01.06.2022  
 (54) RETAINER SLEEVE WITH AN ANTI-ROTATION FEATURE  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**F16B 21/02** ( 2006.01 )  
 (87) WO2022/265855  
 (31) 17/304,263 (32) 17.06.21 (33) US  
 (43) 22.12.2022  
 (72) WELLS, Corey; SERRURIER, Douglas C.; JURA, Jason  
 (74) Patent Attorney Services
- 
- (71) CENTRO DE INMUNOLOGÍA MOLECULAR  
 (11) AU-A-2022294928  
 (21) 2022294928 (22) 06.06.2022  
 (54) USE OF MONOCLONAL ANTIBODIES AGAINST THE EPIDERMAL GROWTH FACTOR RECEPTOR IN THE TREATMENT OF PATIENTS WITH ACUTE HYPOXAEMIC RESPIRATORY FAILURE  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2022/262879  
 (31) 2021-0046 (32) 14.06.21 (33) CU  
 (43) 22.12.2022  
 (72) CROMBET RAMOS, Tania; RAMOS SUZARTE, Mayra; SAAVEDRA HERNÁNDEZ, Danay; AÑÉ KOURÍ, Ana Laura; ROLANDO, Pérez Rodríguez; DÍAZ LONDRES, Henry; JIMÉNEZ ARMADA, Jorge; LEÓN MONZÓN, Kalet; ABDO CUZA, Anselmo Antonio  
 (74) Zone Law Limited
- 
- (71) CHEMISCHE FABRIK BUDENHEIM KG  
 (11) AU-A-2022317196  
 (21) 2022317196 (22) 22.07.2022  
 (54) NEW FLAME RETARDANT  
 (51) Int. Cl.  
**C09K 21/12** ( 2006.01 )  
**C08K 5/3492** ( 2006.01 )  
 (87) WO2023/006622  
 (31) 10 2021 119 326.5 (32) 26.07.21 (33) DE  
 (43) 02.02.2023  
 (72) FUTTERER, Thomas; GARCIA MARTINEZ, David; MOSCHEL, Sebastian; ROCHHOLZ, Heiko; MOSS, Tobias; ABELE, Bors Cajus  
 (74) Spruson & Ferguson
- 
- (71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.; SHOUYAO HOLDINGS (BEIJING) CO., LTD.; LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2022296552  
 (21) 2022296552 (22) 21.06.2022  
 (54) USE OF PYRROLOPYRIMIDINE COMPOUND AND PHARMACEUTICAL COMPOSITION THEREOF FOR TREATING CHRONIC GRAFT VERSUS HOST DISEASE  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
 (87) WO2022/268083  
 (31) 202110688144.0 (32) 21.06.21 (33) CN  
 (43) 29.12.2022  
 (72) TU, Lifan; ZHANG, Xiquan; WANG, Xunqiang; YU, Ding; HUANG, Jianqiang  
 (74) AJ PARK
- 
- (71) CHITOSE LABORATORY CORP.  
 (11) AU-A-2022312864  
 (21) 2022312864 (22) 15.07.2022  
 (54) SYSTEM FOR INFERRING DYNAMIC STATE OF SYSTEM TO BE MEASURED USING REDOX POTENTIAL  
 (51) Int. Cl.  
**G01N 27/30** ( 2006.01 )  
**G01N 27/26** ( 2006.01 )  
**G01N 27/27** ( 2006.01 )  
**G01N 27/416** ( 2006.01 )  
 (87) WO2023/286864  
 (31) 2021-117114 (32) 15.07.21 (33) JP  
 (43) 19.01.2023  
 (72) SHONO Nobuaki; OKADA Katsunori; TAKASHIMA Masatoshi; KASAHARA Ken; FUJITA Tomohiro  
 (74) LAMINAR IP PTY LTD
- 
- (71) CHOICE B.V.  
 (11) AU-A-2022290769  
 (21) 2022290769 (22) 08.06.2022  
 (54) MEDICAL IMPLANT  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 4/00** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
 (87) WO2022/260516  
 (31) 2028427 (32) 10.06.21 (33) NL  
 (43) 15.12.2022  
 (72) VAN DE GRAAF, Peter; STROETZEL, Jörg Thomas  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) CHRYSALABS INC.  
 (11) AU-A-2022290046  
 (21) 2022290046 (22) 10.06.2022  
 (54) ELECTROCONDUCTIVITY CAPACITIVE SENSOR FOR IN SITU SOIL ANALYSIS  
 (51) Int. Cl.  
**G01V 3/08** ( 2006.01 )  
**G01N 27/22** ( 2006.01 )  
 (87) WO2022/256939  
 (31) 63/202,440 (32) 11.06.21 (33) US  
 (43) 15.12.2022  
 (72) MANGEAT, Frédéric; MANGEAT, Gabriel; MARMETTE, Marie-christine; MICHIELS, Jacques  
 (74) Griffith Hack
- 
- (71) CJ CHEILJEDANG CORPORATION  
 (11) AU-A-2022288838  
 (21) 2022288838 (22) 07.06.2022  
 (54) SUPEROXIDE DISMUTASE 1 VARIANT AND METHOD FOR PRODUCING GLUTATHIONE OR DERIVATIVE THEREOF, USING SAME  
 (51) Int. Cl.  
**C12N 9/02** ( 2006.01 )  
**C12N 15/81** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
 (87) WO2022/260403  
 (31) 10-2021-0075689 (32) 10.06.21 (33) KR  
 (43) 15.12.2022  
 (72) IM, Yeong Eun; HA, Cheol Woong; YANG, Eun Bin; KIM, Yeonsoo  
 (74) WRAYS PTY LTD
-

PCT applications which have entered the National Phase - Name Index cont'd

- (71) CJ CHEILJEDANG CORPORATION  
(11) AU-A-2022288842  
(21) 2022288842 (22) 09.06.2022  
(54) GERANYLGERANYL PYROPHOSPHATE SYNTHASE VARIANT AND TETRATERPENE USING SAME, PRE-CURSOR THEREOF, AND METHOD FOR PRODUCTION OF MATERIAL HAVING TETRATERPENE AS PRE-CURSOR  
(51) Int. Cl.  
C12N 9/10 ( 2006.01 )  
C12N 15/80 ( 2006.01 )  
C12P 5/00 ( 2006.01 )  
(87) WO2022/260455  
(31) 10-2021-0074819 (32) 09.06.21 (33) KR  
(43) 15.12.2022  
(72) LEE, Peter; PARK, Hye Min; HA, Cheol Woong; LEE, Dong Pil  
(74) WRAYS PTY LTD
- 
- (71) CJ CHEILJEDANG CORPORATION  
(11) AU-A-2022302574  
(21) 2022302574 (22) 31.03.2022  
(54) STRAIN FOR PRODUCING HIGHLY CONCENTRATED L-GLUTAMIC ACID, AND L-GLUTAMIC ACID PRODUCTION METHOD USING SAME  
(51) Int. Cl.  
C12N 15/77 ( 2006.01 )  
C12N 9/02 ( 2006.01 )  
C12P 13/14 ( 2006.01 )  
(87) WO2023/277307  
(31) 10-2021-0085738 (32) 30.06.21 (33) KR  
(43) 05.01.2023  
(72) KWON, Nara; BONG, Hyun-Ju; LEE, Jin Nam; LEE, Ah Reum; HEO, Jung Ok  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CLEAN CORE THORIUM ENERGY LLC  
(11) AU-A-2021445518  
(21) 2021445518 (22) 26.08.2021  
(54) THORIUM-BASED FUEL DESIGN FOR PRESSURIZED HEAVY WATER REACTORS  
(51) Int. Cl.  
G21C 3/58 ( 2006.01 )  
G21C 3/32 ( 2006.01 )  
G21C 3/60 ( 2006.01 )  
G21C 3/62 ( 2006.01 )  
(87) WO2022/240432  
(31) 63/186,990 (32) 11.05.21 (33) US  
(43) 17.11.2022  
(72) SHAH, Mehul; MILANY, Rida; SHIRVAN, Koroush  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CLEANFIBER INC.  
(11) AU-A-2022277665  
(21) 2022277665 (22) 18.05.2022  
(54) HYBRID FIRE RETARDANT INSULATION AND METHOD OF MAKING THE SAME  
(51) Int. Cl.  
E04B 1/76 ( 2006.01 )  
C08L 1/02 ( 2006.01 )  
C09K 21/02 ( 2006.01 )
- 
- D06M 11/56 ( 2006.01 )  
D06M 11/80 ( 2006.01 )  
D21C 5/02 ( 2006.01 )  
(87) WO2022/246006  
(31) 63/190,220 (32) 18.05.21 (33) US  
(43) 24.11.2022  
(72) STRIMLING, Jonathan; FISCHER, Curtis  
(74) Griffith Hack
- 
- (71) CNH INDUSTRIAL AMERICA LLC  
(11) AU-A-2022304675  
(21) 2022304675 (22) 30.06.2022  
(54) SYSTEMS AND METHODS FOR CONTROLLING THE HEIGHT OF A HARVESTING IMPLEMENT RELATIVE TO THE GROUND  
(51) Int. Cl.  
A01B 63/00 ( 2006.01 )  
A01D 41/14 ( 2006.01 )  
(87) WO2023/278658  
(31) 63/216,748 (32) 30.06.21 (33) US  
(43) 05.01.2023  
(72) LAUWERYS, Christophe; HUNT, Cory Douglas; MISSOTTEN, Bart M.A.; MARTIN, Jethro; LENAERTS, Bart  
(74) Griffith Hack
- 
- (71) COAGULO MEDICAL TECHNOLOGIES, INC.  
(11) AU-A-2022290277  
(21) 2022290277 (22) 09.06.2022  
(54) MICROCHANNELS WITH ELECTRODE SENSORS  
(51) Int. Cl.  
G01N 27/07 ( 2006.01 )  
G01N 33/48 ( 2006.01 )  
G01N 33/49 ( 2006.01 )  
(87) WO2022/261379  
(31) 63/209,728 (32) 11.06.21 (33) US  
(43) 15.12.2022  
(72) FRYDMAN, Galit H.; MORSE, Justin David; SILVERMAN, Leonid  
(74) AJ PARK
- 
- (71) CODAGENIX INC.  
(11) AU-A-2022307684  
(21) 2022307684 (22) 07.07.2022  
(54) DEOPTIMIZED YELLOW FEVER VIRUS AND METHODS AND USES THEREOF  
(51) Int. Cl.  
A61K 39/12 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
(87) WO2023/283593  
(31) 63/219,256 (32) 07.07.21 (33) US  
63/339,114 06.05.22 US  
(43) 12.01.2023  
(72) COLEMAN, John Robert; MUELLER, Steffen; WANG, Ying; YANG, Chen  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) COGNITIV CORP.  
(11) AU-A-2022292565  
(21) 2022292565 (22) 14.06.2022  
(54) EFFICIENT CROSS-PLATFORM SERVING OF DEEP NEURAL NETWORKS FOR LOW LATENCY APPLICATIONS  
(51) Int. Cl.  
G06N 5/04 ( 2023.01 )  
G06N 3/04 ( 2023.01 )  
G06N 3/02 ( 2006.01 )  
(87) WO2022/266048  
(31) 63/210,635 (32) 15.06.21 (33) US  
(43) 22.12.2022  
(72) ANDALMAN, Aaron  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) COLGATE-PALMOLIVE COMPANY  
(11) AU-A-2022306569  
(21) 2022306569 (22) 29.06.2022  
(54) TOOTH WHITENING KIT AND METHOD OF WHITENING TEETH  
(51) Int. Cl.  
A61Q 11/00 ( 2006.01 )  
A61K 8/22 ( 2006.01 )  
A61K 8/34 ( 2006.01 )  
A61K 8/81 ( 2006.01 )  
(87) WO2023/283084  
(31) 17/370,358 (32) 08.07.21 (33) US  
(43) 12.01.2023  
(72) DAVIES-SMITH, Leighton; STROTSMAN, Hallena  
(74) Spruson & Ferguson
- 
- (71) COLORADO STATE UNIVERSITY RESEARCH FOUNDATION; ATMOSZERO, INC.  
(11) AU-A-2022291952  
(21) 2022291952 (22) 14.06.2022  
(54) AIR SOURCE HEAT PUMP SYSTEM AND METHOD OF USE FOR INDUSTRIAL STEAM GENERATION  
(51) Int. Cl.  
F25B 7/00 ( 2006.01 )  
F22B 1/00 ( 2006.01 )  
F25B 11/04 ( 2006.01 )  
F25B 25/02 ( 2006.01 )  
F25B 27/00 ( 2006.01 )  
F25B 30/02 ( 2006.01 )  
F25B 31/02 ( 2006.01 )  
F25B 9/00 ( 2006.01 )  
(87) WO2022/266622  
(31) 63/211,297 (32) 16.06.21 (33) US  
63/290,784 17.12.21 US  
(43) 22.12.2022  
(72) BANDHAUER, Todd M.; ROBERTS, Nickolas; SALVI, Ashwin; STARK, Addison  
(74) Spruson & Ferguson
- 
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
(11) AU-A-2022297979  
(21) 2022297979 (22) 24.06.2022  
(54) ADAPTER AND WEAR TOOL COMPRISING SAME  
(51) Int. Cl.  
E02F 9/28 ( 2006.01 )  
E21B 10/573 ( 2006.01 )  
E21B 10/62 ( 2006.01 )  
E21C 35/183 ( 2006.01 )  
(87) WO2022/266718

PCT applications which have entered the National Phase - Name Index cont'd

- (31) 2021901922 (32) 25.06.21 (33) AU (51) Int. Cl. **G02B 3/00** ( 2006.01 )  
 (43) 29.12.2022 **B65G 21/06** ( 2006.01 ) **G02C 7/04** ( 2006.01 )  
 (72) CLARK, Peter Graham; HARBERS, **B65G 21/02** ( 2006.01 ) **G02C 7/08** ( 2006.01 )  
 Craig **B65G 21/10** ( 2006.01 ) **G02C 9/00** ( 2006.01 )  
 (74) FB Rice Pty Ltd **B65G 41/00** ( 2006.01 ) **G02C 9/04** ( 2006.01 )
- 
- (71) COMPLEMENT THERAPEUTICS LIMITED (87) WO2023/278620 (81) 63/218,147 (32) 02.07.21 (33) US (87) WO2023/007159  
 (43) 05.01.2023 (43) 02.02.2023 (31) 63/227,381 (32) 30.07.21 (33) US  
 (72) LAWSON, Bradley; JENNINGS, Andrew; PORTER, Brandt (43) 02.02.2023 (43) 02.02.2023  
 (74) PHILLIPS ORMONDE FITZPATRICK (72) CHAMBERLAIN, Paul; SAHA, Sourav; BRADLEY, Arthur; ARUMUGAM, Bas-kar  
 (74) Griffith Hack
- 
- (71) COOPERVISION INTERNATIONAL LIMITED (71) CROSSROADS EXTREMITY SYSTEMS, LLC  
 (11) AU-A-2022317315 (11) AU-A-2022273202  
 (21) 2022317315 (22) 27.07.2022 (21) 2022273202 (22) 10.05.2022  
 (54) FILMS HAVING GRIN ELEMENTS FOR APPLICATION TO SPECTACLES OR OTHER OPHTHALMIC LENSES (54) CAPITAL FRAGMENT GUIDE AND RELATED METHODS  
 (51) Int. Cl. (51) Int. Cl.  
**G02B 1/10** ( 2015.01 ) **A61B 17/15** ( 2006.01 )  
**G02B 3/00** ( 2006.01 ) **A61B 17/17** ( 2006.01 )  
**G02C 7/02** ( 2006.01 ) **A61B 17/72** ( 2006.01 )  
**G02C 7/04** ( 2006.01 ) **A61B 17/56** ( 2006.01 )  
**G02C 7/08** ( 2006.01 ) (87) WO2022/238909  
**G02C 9/00** ( 2006.01 ) (31) 63/186,720 (32) 10.05.21 (33) US  
 (87) WO2023/007158 (43) 17.11.2022  
 (31) 63/227,373 (32) 30.07.21 (33) US (72) BREGMAN, Peter; HOLLIS, Chad; MELKENT, Tony  
 (43) 02.02.2023 (74) Spruson & Ferguson  
 (72) SAHA, Sourav; CHAMBERLAIN, Paul; BRADLEY, Arthur; ARUMUGAM, Bas-kar  
 (74) Griffith Hack
- 
- (71) COOPERVISION INTERNATIONAL LIMITED (71) CYALUME TECHNOLOGIES, INC.  
 (11) AU-A-2022318275 (11) AU-A-2022435099  
 (21) 2022318275 (22) 13.04.2022 (21) 2022435099 (22) 09.06.2022  
 (54) ACQUIRING AND INSPECTING IMAGES OF OPHTHALMIC LENSES (54) PROJECTILE PAYLOAD FOR TRAINING AMMUNITION WITH MULTI-SPECTRAL OUTPUT  
 (51) Int. Cl. (51) Int. Cl.  
**G06V 10/25** ( 2022.01 ) **F42B 12/40** ( 2006.01 )  
**B29D 11/00** ( 2006.01 ) **C09K 11/07** ( 2006.01 )  
**G01M 11/02** ( 2006.01 ) **F21K 2/06** ( 2006.01 )  
**G01N 21/958** ( 2006.01 ) (87) WO2023/140886  
**G06N 3/04** ( 2023.01 ) (31) 63/208,785 (32) 09.06.21 (33) US  
**G06T 7/00** ( 2017.01 ) (43) 27.07.2023  
**G06V 10/28** ( 2022.01 ) (72) LONGO, Joseph, Cosimo; JACOB, Linda, Anne  
**G06V 10/32** ( 2022.01 ) (74) Davies Collison Cave Pty Ltd  
**G06V 10/764** ( 2022.01 )  
**G06V 10/774** ( 2022.01 )  
**G06V 10/82** ( 2022.01 )
- 
- (87) WO2023/007110 (71) CYTIVA BIOPROCESS R&D AB  
 (31) 63/226,419 (32) 28.07.21 (33) US (11) AU-A-2022307735  
 (43) 02.02.2023 (21) 2022307735 (22) 21.06.2022  
 (72) YOSHIDA, Alexandra-Florentina; MCCULLOCH, Kirsty (54) METHOD FOR VIRUS CAPTURE  
 (74) Griffith Hack (51) Int. Cl.  
**B01J 41/04** ( 2017.01 )  
**C12N 7/02** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**H01F 1/00** ( 2006.01 )
- 
- (71) COOPERVISION INTERNATIONAL LIMITED (87) WO2023/280562  
 (11) AU-A-2022318294 (31) 2109864.5 (32) 08.07.21 (33) GB  
 (21) 2022318294 (22) 27.07.2022 (43) 12.01.2023  
 (54) OPHTHALMIC LENSES HAVING A PHOTOPOLYMER LAYER WITH GRIN ELEMENTS (72) MALOISEL, Jean-Luc; LIND, Ola; BYSTROM, Martin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CONVEYOR DYNAMICS, INC. (71) CYTIVA BIOPROCESS R&D AB  
 (11) AU-A-2022304667 (11) AU-A-2022309673  
 (21) 2022304667 (22) 29.06.2022  
 (54) CONVEYOR IDLERS REPLACEMENT SYSTEM



PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022309673 (22) 27.04.2022  
**(54)** A METHOD FOR SEPARATING AD-ENO-ASSOCIATED VIRUS CAPSIDS, COMPOSITIONS OBTAINED BY SAID METHOD AND USES THEREOF  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2023/285011  
**(31)** 2110014.4 (32) 12.07.21 (33) GB  
**(43)** 19.01.2023  
**(72)** MALOISEL, Jean-Luc; HAGNER MCWHIRTER, Asa; LIND, Ola; BLOM, Hans  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** DAEWOONG THERAPEUTICS INC.  
**(11)** AU-A-2022340358  
**(21)** 2022340358 (22) 29.08.2022  
**(54)** PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING DIABETIC EYE DISEASE COMPRISING SGLT-2 INHIBITOR  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/7034** ( 2006.01 )  
**A61K 31/7042** ( 2006.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(87)** WO2023/033483  
**(31)** 10-2021-0117133 (32) 02.09.21 (33) KR  
 10-2022-0107682 26.08.22 KR  
**(43)** 09.03.2023  
**(72)** PARK, Sang Han; KANG, Bok Ki; KIM, Dong Hwan; KANG, Min Hyeong  
**(74)** WRAYS PTY LTD
- 
- (71)** DANA-FARBER CANCER INSTITUTE, INC.; CRIMSON BIOPHARM INC.; ZHAO, J.; KERNS, W.  
**(11)** AU-A-2022297453  
**(21)** 2022297453 (22) 22.06.2022  
**(54)** (1H-PYRROLO[2,3-B]PYRIDIN-1-YL)PYRIMIDIN-2-YL-AMINO-PHENYL--ACRYLAMIDE INHIBITORS OF EGFR FOR USE IN THE TREATMENT OF BRAIN TUMORS  
**(51)** Int. Cl.  
**A61K 31/437** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2022/271861  
**(31)** 63/257,907 (32) 20.10.21 (33) US  
 63/213,301 22.06.21 US  
**(43)** 29.12.2022  
**(72)** ZHAO, Jean; KERNS, William  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** DANA-FARBER CANCER INSTITUTE, INC.  
**(11)** AU-A-2022316195  
**(21)** 2022316195 (22) 18.07.2022
- 
- (54)** TARGETING DOT1L AND SMARCA4/2 FOR THE TREATMENT OF MLLR LEUKEMIA  
**(51)** Int. Cl.  
**A61K 31/7076** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61K 31/7064** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/08** ( 2006.01 )  
**A61K 31/4035** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**(87)** WO2023/004283  
**(31)** 63/223,302 (32) 19.07.21 (33) US  
**(43)** 26.01.2023  
**(72)** Qi, Jun; DAI, Lingling; PERNER, Florian; ARMSTRONG, Scott  
**(74)** Spruson & Ferguson
- 
- (71)** DANIMER IPCO, LLC  
**(11)** AU-A-2022272729  
**(21)** 2022272729 (22) 13.05.2022  
**(54)** POLYESTER IMPACT MODIFIERS  
**(51)** Int. Cl.  
**C08G 63/672** ( 2006.01 )  
**C08L 67/04** ( 2006.01 )  
**(87)** WO2022/241242  
**(31)** 63/188,668 (32) 14.05.21 (33) US  
 17/744,109 13.05.22 US  
**(43)** 17.11.2022  
**(72)** TERWILLEGAR, Ame, Matthew; DURIE, Karson; KUNDU, Mangaldeep  
**(74)** Spruson & Ferguson
- 
- (71)** DAPHNE TECHNOLOGY SA  
**(11)** AU-A-2022311478  
**(21)** 2022311478 (22) 08.07.2022  
**(54)** APPARATUS AND METHOD FOR ELECTRON IRRADIATION SCRUBBING  
**(51)** Int. Cl.  
**H05H 1/24** ( 2006.01 )  
**F01N 3/00** ( 2006.01 )  
**(87)** WO2023/285299  
**(31)** 2110271.0 (32) 16.07.21 (33) GB  
**(43)** 19.01.2023  
**(72)** MICHAN, Juan Mario; RAMSAY, William Jamieson; NEUMAYR, Dominik  
**(74)** Flint Intellectual Property Limited
- 
- (71)** DARBIX LLC  
**(11)** AU-A-2022292569  
**(21)** 2022292569 (22) 14.06.2022  
**(54)** GLP-1 RECEPTOR AGONISTS HAVING IMPROVED PHARMACOLOGICAL AND DRUG DELIVERY PROPERTIES  
**(51)** Int. Cl.  
**A61K 38/08** ( 2019.01 )  
**A61P 25/14** ( 2006.01 )  
**(87)** WO2022/266068  
**(31)** 63/210,321 (32) 14.06.21 (33) US  
**(43)** 22.12.2022  
**(72)** SAWYER, Tomi, K.; AUDIE, Joseph; DILLER, David, J.; GRIBKOFF, Valentin; PENTELUTE, Bradley, L.; SANTIAGO, Solimar, G.; SAWYER, Jonathon, R.; SHRIER, Allison, Ackerman; SWANSON, Jon, T.; GUN-ASEKERA, Dinara, S.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** DEKA PRODUCTS LIMITED PARTNERSHIP  
**(11)** AU-A-2022301116  
**(21)** 2022301116 (22) 30.06.2022  
**(54)** METHODS, APPARATUSES AND SYSTEMS FOR UNATTENDED PACKAGE DELIVERY  
**(51)** Int. Cl.  
**H04L 67/12** ( 2022.01 )  
**G06Q 10/08** ( 2023.01 )  
**G06Q 50/28** ( 2012.01 )  
**H04W 4/024** ( 2018.01 )  
**H04W 4/35** ( 2018.01 )  
**H04W 4/38** ( 2018.01 )  
**H04W 4/40** ( 2018.01 )  
**(87)** WO2023/279044  
**(31)** 63/202,925 (32) 30.06.21 (33) US  
 63/203,180 12.07.21 US  
**(43)** 05.01.2023  
**(72)** LANGENFELD, Christopher C.; WHITNEY, Justin M.; TRAFTON, Spencer; SCHAFFER, Seth; SLATE, Michael J.; VAN DER MERWE, Dirk A.; CHOI, Sooshin; KAMEN, Dean; BEAGLE, Karla; AGOSTA, Eliza; LANGENFELD, John C.  
**(74)** HENRY HUGHES IP LTD
- 
- (71)** DENTSPLY SIRONA INC.; SIRONA DENTAL SYSTEMS GMBH  
**(11)** AU-A-2022310554  
**(21)** 2022310554 (22) 27.06.2022  
**(54)** DEVICE FOR RECEIVING AND FIXING THE COMPONENT CARRIER OF A 3D PRINTER BY UTILIZING EXISTING AXES OF MOTION  
**(51)** Int. Cl.  
**B29C 64/245** ( 2017.01 )  
**B29C 64/129** ( 2017.01 )  
**B29C 64/379** ( 2017.01 )  
**B33Y 10/00** ( 2015.01 )  
**B33Y 30/00** ( 2015.01 )  
**B33Y 40/00** ( 2020.01 )  
**(87)** WO2023/285125  
**(31)** 21184953.4 (32) 12.07.21 (33) EP  
**(43)** 19.01.2023  
**(72)** KAUFMANN, Bernhard; HASENZAHL, Thomas; SCHULZ, Tobias  
**(74)** Patent Attorney Services
- 
- (71)** DEPUY IRELAND UNLIMITED COMPANY  
**(11)** AU-A-2022274156  
**(21)** 2022274156 (22) 11.05.2022  
**(54)** SYSTEM FOR GUIDING A SURGICAL TOOL COMPRISING AN OPERATIVE AXIS WITH RESPECT TO AN ANATOMICAL STRUCTURE  
**(51)** Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )

PCT applications which have entered the National Phase - Name Index cont'd

A61B 34/20 ( 2016.01 )  
**(87)** WO2022/238454  
**(31)** 21305611.2 **(32)** 11.05.21 **(33)** EP  
**(43)** 17.11.2022  
**(72)** GIRARDEAU-MONTAUT, Daniel; DEMANGET, Nicolas; HUNT, Christopher  
**(74)** Spruson & Ferguson

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**(71)** DEPUY SYNTHES PRODUCTS, INC.  
**(11)** AU-A-2022271570  
**(21)** 2022271570 **(22)** 10.05.2022  
**(54)** SURGICAL IMPACTING TOOL INTERFACES  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 17/92** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**B25D 17/00** ( 2006.01 )  
**B25D 17/08** ( 2006.01 )  
**(87)** WO2022/238897  
**(31)** 17/319,700 **(32)** 13.05.21 **(33)** US  
**(43)** 17.11.2022  
**(72)** PEDICINI, Christopher  
**(74)** Spruson & Ferguson

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**(71)** DEPUY SYNTHES PRODUCTS, INC.  
**(11)** AU-A-2022275213  
**(21)** 2022275213 **(22)** 05.05.2022  
**(54)** DATA MODULES FOR SURGICAL INSTRUMENTS  
**(51)** Int. Cl.  
**A61B 90/90** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
**(87)** WO2022/238826  
**(31)** 17/316,203 **(32)** 10.05.21 **(33)** US  
**(43)** 17.11.2022  
**(72)** NARDUCCI, David S.; EDWARDS, Jon; WALLACE, Matthew S.; OROZCO-KIRKMAN, Claudia; BEAUSSE, Cedric  
**(74)** Spruson & Ferguson

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**(71)** DETNET SOUTH AFRICA (PTY) LTD  
**(11)** AU-A-2022297627  
**(21)** 2022297627 **(22)** 15.06.2022  
**(54)** VELOCITY OF DETONATION MEASUREMENT  
**(51)** Int. Cl.  
**F42D 1/055** ( 2006.01 )  
**F42D 5/02** ( 2006.01 )  
**(87)** WO2022/272316  
**(31)** 2021/04220 **(32)** 21.06.21 **(33)** ZA  
 2022/06186 03.06.22 ZA  
**(43)** 29.12.2022  
**(72)** KRUGER, Michiel Jacobus; YATES, Marinus; MAURISSENS, Daniel August Julien Louis; PETTED, Brian E.  
**(74)** GLMR

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**(71)** DETNET SOUTH AFRICA (PTY) LTD  
**(11)** AU-A-2022299106  
**(21)** 2022299106 **(22)** 15.06.2022  
**(54)** BLAST CONFIRMATION  
**(51)** Int. Cl.  
**F42D 1/055** ( 2006.01 )

**F42D 5/02** ( 2006.01 )  
**(87)** WO2022/272315  
**(31)** 2021/04220 **(32)** 21.06.21 **(33)** ZA  
 2022/06185 03.06.22 ZA  
**(43)** 29.12.2022  
**(72)** KRUGER, Michiel Jacobus; YATES, Marinus; MAURISSENS, Daniel August Julien Louis; PETTED, Brian E.  
**(74)** GLMR

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**(71)** DEUTSCHE TELEKOM AG  
**(11)** AU-A-2022309979  
**(21)** 2022309979 **(22)** 14.07.2022  
**(54)** METHOD FOR TRAFFIC MANAGEMENT IN A WIRELESS NETWORK SYSTEM  
**(51)** Int. Cl.  
**H04W 28/12** ( 2009.01 )  
**H04W 8/22** ( 2009.01 )  
**H04W 28/02** ( 2009.01 )  
**H04W 4/70** ( 2018.01 )  
**(87)** WO2023/285612  
**(31)** 21185815.4 **(32)** 15.07.21 **(33)** EP  
**(43)** 19.01.2023  
**(72)** OPITZ, Johannes  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** DEXCOM, INC.  
**(11)** AU-A-2022275754  
**(21)** 2022275754 **(22)** 11.05.2022  
**(54)** USING CONTINUOUS BIOMETRIC INFORMATION MONITORING FOR SECURITY  
**(51)** Int. Cl.  
**H04L 9/40** ( 2022.01 )  
**A61B 5/145** ( 2006.01 )  
**(87)** WO2022/245609  
**(31)** 63/189,418 **(32)** 17.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** HALL, Thomas; PAL, Andrew Attila; JOHNSON, Matthew Lawrence; SALAMEH, Issa S.; EFIGENIO, Christopher; TYLER, Michael  
**(74)** FB Rice Pty Ltd

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**(71)** DEXCOM, INC.  
**(11)** AU-A-2022277320  
**(21)** 2022277320 **(22)** 17.05.2022  
**(54)** DATA-STREAM BRIDGING FOR SENSOR TRANSITIONS  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**(87)** WO2022/245763  
**(31)** 63/189,429 **(32)** 17.05.21 **(33)** US  
 63/231,502 10.08.21 US  
**(43)** 24.11.2022  
**(72)** JEPSON, Lauren H.; HEINTZMAN, Nathaniel D.; VAN DER LINDEN, Joost Herman; KAMATH, Apurv U.; HARLEY-TROCHIMCZYK, Anna C.; CRABTREE, Vincent P.; WEST, Benjamin E.; KEMPKEY, Mark D.; KIM, Kyoung-Ho; GADD, Craig Thomas; WHITLEY, Svetlana; WELLS, Maria NB; POPP, Christopher M.; REINHARDT, Andrew M.  
**(74)** FB Rice Pty Ltd

**(71)** DISCGENICS, INC.  
**(11)** AU-A-2022291834  
**(21)** 2022291834 **(22)** 15.06.2022  
**(54)** NOVEL METHODS FOR PRODUCTION OF THERAPEUTIC MAMMALIAN CELLS AND CELL SPHERES AND COMPOSITIONS OF SAME  
**(51)** Int. Cl.  
**C12N 5/073** ( 2010.01 )  
**A61K 35/12** ( 2015.01 )  
**A61K 35/32** ( 2015.01 )  
**(87)** WO2022/266262  
**(31)** 63/210,859 **(32)** 15.06.21 **(33)** US  
 63/219,067 07.07.21 US  
**(43)** 22.12.2022  
**(72)** SILVERMAN, Lara; RODRIGUEZ-GRANROSE, Daniel; HEATON, Will; TANDESKI, Terry; ZURAWSKI, Jeff; FARHANG, Niloofar; ERICKSON, Isaac; SCULL, Erin; FOLEY, Kevin  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** DNA GENOTEK INC.  
**(11)** AU-A-2022291168  
**(21)** 2022291168 **(22)** 08.06.2022  
**(54)** LOW PH COMPOSITION AND METHOD FOR STABILIZING NUCLEIC ACIDS IN BIOLOGICAL SAMPLES  
**(51)** Int. Cl.  
**C12Q 1/6806** ( 2018.01 )  
**C12N 15/10** ( 2006.01 )  
**(87)** WO2022/256930  
**(31)** 63/208,212 **(32)** 08.06.21 **(33)** US  
**(43)** 15.12.2022  
**(72)** LE FRANCOIS, Brice Georges; MIKALAUSKAS, Alaya; RAY, Bitapi; IWA-SIOW, Rafal Michal  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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**(71)** DONALD DANFORTH PLANT SCIENCE CENTER  
**(11)** AU-A-2022292802  
**(21)** 2022292802 **(22)** 16.06.2022  
**(54)** MODIFIED ANTIMICROBIAL PEPTIDES  
**(51)** Int. Cl.  
**A01N 63/50** ( 2020.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2022/266648  
**(31)** 63/202,559 **(32)** 16.06.21 **(33)** US  
 63/365,928 06.06.22 US  
**(43)** 22.12.2022  
**(72)** SHAH, Dilip M.; TETORYA, Meenakshi  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** DOSHI, H.A.; PUTHENVEETIL KUNJUKRISHNA MENON, R.  
**(11)** AU-A-2022301619  
**(21)** 2022301619 **(22)** 29.06.2022  
**(54)** A SOLID BIO-PESTICIDAL COMPOSITION COMPRISING OF ELEMENTAL SULPHUR AND AZADIRACTIN  
**(51)** Int. Cl.  
**A01N 59/00** ( 2006.01 )  
**A01N 43/00** ( 2006.01 )  
**C01B 17/04** ( 2006.01 )  
**(87)** WO2023/275789  
**(31)** 202121029049 **(32)** 29.06.21 **(33)** IN

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 05.01.2023  
 (72) DOSHI, Hiteshkumar Anilkant; PUTHENVEETIL KUNJUKRISHNA MENON, Ramdas  
 (74) Arceo IP
- 
- (71) DYN0 THERAPEUTICS, INC.  
 (11) AU-A-2022283898  
 (21) 2022283898 (22) 02.06.2022  
 (54) CAPSID VARIANTS AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (87) WO2022/256561  
 (31) 63/196,558 (32) 03.06.21 (33) US  
 63/342,405 16.05.22 US  
 (43) 08.12.2022  
 (72) LAPAN, Sylvain; LEVITIN, Hanna; WHEELLOCK, Lauren  
 (74) FB Rice Pty Ltd
- 
- (71) DYN0 THERAPEUTICS, INC.  
 (11) AU-A-2022284870  
 (21) 2022284870 (22) 02.06.2022  
 (54) CAPSID VARIANTS AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
**C07K 14/005** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
 (87) WO2022/256557  
 (31) 63/196,554 (32) 03.06.21 (33) US  
 63/331,627 15.04.22 US  
 63/342,455 16.05.22 US  
 (43) 08.12.2022  
 (72) LAPAN, Sylvain; LEVITIN, Hanna; WHEELLOCK, Lauren  
 (74) FB Rice Pty Ltd
- 
- (71) ECOCHEM INTERNATIONAL NV  
 (11) AU-A-2022278485  
 (21) 2022278485 (22) 17.05.2022  
 (54) FIRE RETARDANT COMPOSITION FOR NATURAL FIBER PRODUCTS  
 (51) Int. Cl.  
**C09K 21/02** ( 2006.01 )  
**C08K 5/00** ( 2006.01 )  
**C09K 21/04** ( 2006.01 )  
**C09K 21/10** ( 2006.01 )  
**C09K 21/12** ( 2006.01 )  
 (87) WO2022/243332  
 (31) BE2021/5394 (32) 17.05.21 (33) BE  
 (43) 24.11.2022  
 (72) DAESELEIRE, Pieter  
 (74) Adams Pluck
- 
- (71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)  
 (11) AU-A-2022277646  
 (21) 2022277646 (22) 20.05.2022  
 (54) A PAN-CANCER CLASSIFICATION BASED ON FMRP PATHWAY ACTIV-
- ITY THAT INFORMS DIFFERENTIAL PROGNOSIS AND THERAPEUTIC RESPONSES  
 (51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
 (87) WO2022/243550  
 (31) 63/191,377 (32) 21.05.21 (33) US  
 (43) 24.11.2022  
 (72) SAQAFI, Sadeq; HANAHAHAN, Douglas  
 (74) Collison & Co
- 
- (71) EDELWEISS IMMUNE INC  
 (11) AU-A-2022281461  
 (21) 2022281461 (22) 25.05.2022  
 (54) C-X-C MOTIF CHEMOKINE RECEPTOR 6 (CXCR6) BINDING MOLECULES, AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2022/251853  
 (31) 63/193,060 (32) 25.05.21 (33) US  
 (43) 01.12.2022  
 (72) HOU, Lifei; REMOLD-O'DONNELL, Eileen  
 (74) Spruson & Ferguson
- 
- (71) EDWARDS LIFESCIENCES CORPORATION  
 (11) AU-A-2022302067  
 (21) 2022302067 (22) 30.06.2022  
 (54) HEART VALVE REPAIR DEVICES AND DELIVERY DEVICES THEREFOR  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (87) WO2023/278663  
 (31) 63/217,622 (32) 01.07.21 (33) US  
 63/278,037 10.11.21 US  
 63/308,940 10.02.22 US  
 (43) 05.01.2023  
 (72) FRESCHAUF, Lauren R.; OBERWISE, Eric Michael; STEARNS, Grant Matthew; OKOS, Chris J.; HOFFER, Eran; NAWALAKHE, Rupesh Gajanan; PAWAR, Sandip Vasant; DELGADO, Sergio; ELTAL, Munir Hicham  
 (74) Spruson & Ferguson
- 
- (71) EISAI R&D MANAGEMENT CO., LTD.  
 (11) AU-A-2022307687  
 (21) 2022307687 (22) 08.07.2022  
 (54) BIOMARKERS FOR ALZHEIMER'S DISEASE TREATMENT  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (87) WO2023/283650  
 (31) 63/263,928 (32) 11.11.21 (33) US  
 63/264,551 24.11.21 US  
 63/306,028 02.02.22 US  
 63/269,372 15.03.22 US  
 63/364,618 12.05.22 US  
 63/220,434 09.07.21 US  
 63/203,444 22.07.21 US  
 63/263,255 29.10.21 US
- 
- (43) 12.01.2023  
 (72) SWANSON, Chad; KOYAMA, Akihiko; KANEKIYO, Michio; IRIZARRY, Michael; KRAMER, Lynn; KAPLOW, June; VERBEL, David; DHADDA, Shobha; SACHDEV, Pallavi; REYDERMAN, Larisa; HAYATO, Seiichi; LANDRY, Ishani; GORDON, Robert  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ELANCO TIERGESUNDHEIT AG; BAYER ANIMAL HEALTH GMBH  
 (11) AU-A-2022292908  
 (21) 2022292908 (22) 15.06.2022  
 (54) ISOXAZOLINE PESTICIDES  
 (51) Int. Cl.  
**C07D 261/04** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
 (87) WO2022/263573  
 (31) 63/211,478 (32) 16.06.21 (33) US  
 (43) 22.12.2022  
 (72) DUCRAY, Pierre; RAGEOT, Denise; TURBERG, Andreas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ELECTRICAL ENGINEERING SOLUTIONS PTY LTD  
 (11) AU-A-2022296124  
 (21) 2022296124 (22) 29.04.2022  
 (54) MULTI-DROP POE NETWORK FOR POWER DISTRIBUTION AND COMMUNICATION  
 (51) Int. Cl.  
**H05B 47/185** ( 2020.01 )  
**H01R 13/52** ( 2006.01 )  
**H01R 24/64** ( 2011.01 )  
**H01R 25/00** ( 2006.01 )  
**H02B 1/52** ( 2006.01 )  
**H02J 9/06** ( 2006.01 )  
**H02M 7/21** ( 2006.01 )  
**H04L 12/10** ( 2006.01 )  
**H04L 12/40** ( 2006.01 )  
**H04Q 1/02** ( 2006.01 )  
 (87) WO2022/266696  
 (31) 2021901864 (32) 21.06.21 (33) AU  
 2021902644 23.08.21 AU  
 2021107006 24.08.21 AU  
 (43) 29.12.2022  
 (72) BOEMI, Norman Samuel; BULL, David John; BULL, James  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) ELECTROLUX APPLIANCES AKTIEBOLAG  
 (11) AU-A-2022307734  
 (21) 2022307734 (22) 15.06.2022  
 (54) REFRIGERATION APPLIANCE  
 (51) Int. Cl.  
**F25D 21/14** ( 2006.01 )  
**F25D 23/00** ( 2006.01 )  
 (87) WO2023/280543  
 (31) 21184693.6 (32) 09.07.21 (33) EP  
 (43) 12.01.2023  
 (72) CONTE, Stefano; GROTT0, Sergio  
 (74) Halfords IP

PCT applications which have entered the National Phase - Name Index cont'd

- (71) ELECTROSEEP INC.  
 (11) AU-A-2022283841  
 (21) 2022283841 (22) 17.05.2022  
 (54) REMOVAL OF HEAT STABLE AMINE SALTS FROM LIQUID STREAMS AND RELATED PROCESSES  
 (51) Int. Cl.  
*C02F 1/469* ( 2023.01 )  
*B01D 61/42* ( 2006.01 )  
*B01J 47/12* ( 2017.01 )  
*B01J 49/07* ( 2017.01 )  
*B01J 49/20* ( 2017.01 )  
*B01J 49/40* ( 2017.01 )  
*C02F 1/46* ( 2023.01 )  
*C25B 1/04* ( 2021.01 )  
 (87) WO2022/251949  
 (31) 63/195,261 (32) 01.06.21 (33) US  
 (43) 08.12.2022  
 (72) PARISI, Paul  
 (74) Griffith Hack
- 
- (71) ELEMENT SIX (UK) LIMITED  
 (11) AU-A-2022276355  
 (21) 2022276355 (22) 19.05.2022  
 (54) METHOD OF MINING A ROCK FORMATION USING A DISC CUTTER AND A ROCK BREAKER TOOL  
 (51) Int. Cl.  
*E21C 27/12* ( 2006.01 )  
*B28D 1/04* ( 2006.01 )  
*B28D 1/22* ( 2006.01 )  
*E21C 37/04* ( 2006.01 )  
*E21C 37/22* ( 2006.01 )  
 (87) WO2022/243408  
 (31) 2107150.1 (32) 19.05.21 (33) GB  
 (43) 24.11.2022  
 (72) LU, Shuo; SARIDIKMEN, Habib  
 (74) Griffith Hack
- 
- (71) ELI LILLY AND COMPANY  
 (11) AU-A-2022297443  
 (21) 2022297443 (22) 22.06.2022  
 (54) NOVEL RNA THERAPEUTICS AND USES THEREOF  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 47/54* ( 2017.01 )  
*C12N 15/87* ( 2006.01 )  
*A61P 3/06* ( 2006.01 )  
 (87) WO2022/271808  
 (31) 63/214,555 (32) 24.06.21 (33) US  
 63/214,584 24.06.21 US  
 (43) 29.12.2022  
 (72) BELLINGER, Melissa, Ann; BEYER, Thomas, Patrick; CHENG, Christine, Chih-Tao; EGGEN, MariJean; LACKNER, Gregory, Lawrence; MILES, Rebecca, Ruth; WANG, Jibo  
 (74) WRAYS PTY LTD
- 
- (71) ELTORQUE AS  
 (11) AU-A-2022293232  
 (21) 2022293232 (22) 17.06.2022  
 (54) MULTI PLATE RELUCTANCE MOTOR  
 (51) Int. Cl.  
*H02K 37/08* ( 2006.01 )  
*H02K 1/14* ( 2006.01 )  
*H02K 1/24* ( 2006.01 )  
*H02K 5/167* ( 2006.01 )
- 
- H02K 5/173* ( 2006.01 )  
*H02K 19/10* ( 2006.01 )  
 (87) WO2022/265519  
 (31) 20210788 (32) 17.06.21 (33) NO  
 (43) 22.12.2022  
 (72) BRENNVALL, Jon Eirik  
 (74) Spruson & Ferguson
- 
- (71) EMPIRICO INC.  
 (11) AU-A-2022291743  
 (21) 2022291743 (22) 14.06.2022  
 (54) TREATMENT OF MST1 RELATED DISEASES AND DISORDERS  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
 (87) WO2022/266037  
 (31) 63/211,364 (32) 16.06.21 (33) US  
 (43) 22.12.2022  
 (72) GOTTESMAN, Omri; BRUSE, Shannon; BUSKE, Paul; CAJES, Brian; JAKUBOSKY, David; KLEINSTEIN, Sarah; LEWIS, David; ROZEMA, David; VEKICH, John  
 (74) FB Rice Pty Ltd
- 
- (71) ENERGY VAULT, INC.  
 (11) AU-A-2022306858  
 (21) 2022306858 (22) 06.07.2022  
 (54) LIFT DRIVE SYSTEM FOR ENERGY STORAGE AND DELIVERY SYSTEM  
 (51) Int. Cl.  
*F03G 3/00* ( 2006.01 )  
*B66B 1/30* ( 2006.01 )  
*B66B 1/34* ( 2006.01 )  
*H02J 15/00* ( 2006.01 )  
 (87) WO2023/283258  
 (31) 63/203,070 (32) 07.07.21 (33) US  
 (43) 12.01.2023  
 (72) PEDRETTI, Andrea  
 (74) FB Rice Pty Ltd
- 
- (71) ENERVENUE INC.  
 (11) AU-A-2022300384  
 (21) 2022300384 (22) 24.06.2022  
 (54) ELECTRODE FOR METAL HYDROGEN BATTERY AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
*H01M 4/80* ( 2006.01 )  
*H01M 4/02* ( 2006.01 )  
*H01M 4/04* ( 2006.01 )  
*H01M 4/66* ( 2006.01 )  
*H01M 4/86* ( 2006.01 )  
*H01M 4/88* ( 2006.01 )  
*H01M 4/90* ( 2006.01 )  
*H01M 10/34* ( 2006.01 )  
*H01M 10/38* ( 2006.01 )  
*H01M 12/02* ( 2006.01 )  
*H01M 12/08* ( 2006.01 )  
 (87) WO2022/272041  
 (31) 63/214,514 (32) 24.06.21 (33) US  
 17/847,591 23.06.22 US  
 (43) 29.12.2022  
 (72) ZU, Ge; WU, Yingying; ZHU, Jingyi; KENNEY, Michael J.; KESHAVARZ, Majid  
 (74) Spruson & Ferguson
- 
- (71) ENI S.P.A.; BASF SE  
 (11) AU-A-2022305031  
 (21) 2022305031 (22) 27.06.2022  
 (54) A PROCESS FOR THE CONVERSION OF GLYCEROL TO PROPANOLS  
 (51) Int. Cl.  
*C07C 29/60* ( 2006.01 )  
*C07C 29/80* ( 2006.01 )  
*C07C 29/84* ( 2006.01 )  
*C07C 31/08* ( 2006.01 )  
*C07C 31/10* ( 2006.01 )  
 (87) WO2023/275712  
 (31) 10202100016859 (32) 28.06.21 (33) IT  
 (43) 05.01.2023  
 (72) FILIPPINI, Giacomo; FIORI, Gianluca; PASINI, Thomas; PELLEGRINI, Laura Annamaria; MADER, Steffen; LINKE, Stephanie Sybille; KOTREL, Stefan; HEIDEMANN, Thomas; KUNSMANN-KEITEL, Dagmar Pascale  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ENRICHMENT SYSTEMS LLC  
 (11) AU-A-2022291708  
 (21) 2022291708 (22) 09.06.2022  
 (54) SYSTEM AND METHOD FOR ENRICHING A LIQUID WITH GAS-BUBBLES  
 (51) Int. Cl.  
*A01G 31/00* ( 2018.01 )  
*B01F 23/2373* ( 2022.01 )  
*B01F 25/10* ( 2022.01 )  
*B01F 25/30* ( 2022.01 )  
*C02F 1/72* ( 2023.01 )  
 (87) WO2022/265917  
 (31) 17/348,707 (32) 15.06.21 (33) US  
 17/744,561 13.05.22 US  
 (43) 22.12.2022  
 (72) HAMLER, Jerome Charles; SWEETEN, Jack; O'NEAL, Rex; ELLIOTT, Jacob Henry  
 (74) WRAYS PTY LTD
- 
- (71) ENTRADA THERAPEUTICS, INC.  
 (11) AU-A-2022271873  
 (21) 2022271873 (22) 09.05.2022  
 (54) COMPOSITIONS AND METHODS FOR MODULATING TISSUE DISTRIBUTION OF INTRACELLULAR THERAPEUTICS  
 (51) Int. Cl.  
*A61K 47/64* ( 2017.01 )  
*C07K 7/64* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
 (87) WO2022/241408  
 (31) 63/186,664 (32) 10.05.21 (33) US  
 63/214,085 23.06.21 US  
 63/239,671 01.09.21 US  
 63/290,960 17.12.21 US  
 63/298,565 11.01.22 US  
 63/268,577 25.02.22 US  
 63/362,295 31.03.22 US  
 (43) 17.11.2022  
 (72) QIAN, Ziqing; DOUGHERTY, Patrick; KHEIRABADI, Mahboubeh; LIU, Haoming; SHEN, Xiulong  
 (74) Spruson & Ferguson

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) EPICENTRX, INC.  
 (11) AU-A-2022294071  
 (21) 2022294071 (22) 16.06.2022  
 (54) ORGANONITRO AND SULFOXYAL-KYL ORGANONITRO COMPOUNDS FOR USE IN TREATING MEDICAL DISORDERS  
 (51) Int. Cl.  
 A61K 31/397 ( 2006.01 )  
 A61K 31/04 ( 2006.01 )  
 A61P 39/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2022/266365  
 (31) 63/211,329 (32) 16.06.21 (33) US  
 63/225,249 23.07.21 US  
 (43) 22.12.2022  
 (72) ORONSKY, Bryan T.; CAROEN, Scott; REID, Tony R.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) EPICRISPR BIOTECHNOLOGIES, INC.  
 (11) AU-A-2022293494  
 (21) 2022293494 (22) 16.06.2022  
 (54) SYSTEMS AND METHODS FOR REGULATING ABERRANT GENE EXPRESSIONS  
 (51) Int. Cl.  
 A61K 38/46 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C12N 15/00 ( 2006.01 )  
 A61P 21/00 ( 2006.01 )  
 (87) WO2022/266324  
 (31) 63/211,791 (32) 17.06.21 (33) US  
 (43) 22.12.2022  
 (72) COLLIN DE L'HORTET, Alexandra Sylvie; TSOA, Rosemarie Wenting; ADHIKARI, Abhinav; BOREGOWDA, Sidharaju; HART, Daniel O.; GAINOUS, Thomas Blair; CAROSSO, Giovanni; YANG, Xiao; DALEY, Timothy; LUONG, Thao Nguyen Vu; LIU, Yanxia; KO, Tengyu; SALZMAN, Amber Ruth  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) EPI-MINDER PTY LTD  
 (11) AU-A-2022272580  
 (21) 2022272580 (22) 11.05.2022  
 (54) ANESTHETIC TUNNELING TOOL  
 (51) Int. Cl.  
 A61M 25/01 ( 2006.01 )  
 A61P 23/02 ( 2006.01 )  
 (87) WO2022/236369  
 (31) 63/188,558 (32) 14.05.21 (33) US  
 (43) 17.11.2022  
 (72) HEASMAN, John Michael; HOARE, Rohan; CAMERON, Tracy Lee  
 (74) FB Rice Pty Ltd
- 
- (71) EQUISTAR CHEMICALS, LP  
 (11) AU-A-2022287919  
 (21) 2022287919 (22) 08.06.2022
- 
- (54) BLENDS OF VIRGIN HDPE AND POST CONSUMER RECYCLATE HDPE AND METHODS THEREOF  
 (51) Int. Cl.  
 B32B 27/06 ( 2006.01 )  
 C08J 5/18 ( 2006.01 )  
 C08L 23/06 ( 2006.01 )  
 (87) WO2022/261238  
 (31) 63/208,684 (32) 09.06.21 (33) US  
 (43) 15.12.2022  
 (72) BREESE, Ryan, D.  
 (74) AJ PARK
- 
- (71) ERASCA, INC.  
 (11) AU-A-2022298795  
 (21) 2022298795 (22) 23.06.2022  
 (54) ERK1/2 AND KRAS G12C INHIBITORS COMBINATION THERAPY  
 (51) Int. Cl.  
 A61K 31/506 ( 2006.01 )  
 A61K 31/519 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2022/271923  
 (31) 63/214,767 (32) 24.06.21 (33) US  
 63/277,548 09.11.21 US  
 63/283,034 24.11.21 US  
 63/321,609 18.03.22 US  
 (43) 29.12.2022  
 (72) SHOEMAKER, Robert Field; LEW, Erin Denise; LIN, Wei; ZHANG, Jingchuan; OH, Joanne  
 (74) Spruson & Ferguson
- 
- (71) ERASCA, INC.  
 (11) AU-A-2022299193  
 (21) 2022299193 (22) 23.06.2022  
 (54) ERK1/2 AND EGFR INHIBITORS COMBINATION THERAPY  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 A61K 31/506 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 (87) WO2022/271907  
 (31) 63/214,765 (32) 24.06.21 (33) US  
 63/236,635 24.08.21 US  
 63/277,547 09.11.21 US  
 63/279,877 16.11.21 US  
 63/321,605 18.03.22 US  
 (43) 29.12.2022  
 (72) SHOEMAKER, Robert Field; LEW, Erin Denise; LIN, Wei; BRAIL, Leslie Harris; MARTIN, Leenus; ZHANG, Jingchuan; OH, Joanne  
 (74) Spruson & Ferguson
- 
- (71) ERTMS SOLUTIONS  
 (11) AU-A-2022295024  
 (21) 2022295024 (22) 09.06.2022  
 (54) MONITORING THE ELECTRICAL SIGNAL BETWEEN AN ETCS LINESIDE ELECTRICAL UNIT AND ITS TRACKSIDE BALISE IN A RAILWAY ENVIRONMENT  
 (51) Int. Cl.  
 B61L 3/12 ( 2006.01 )  
 B61L 27/20 ( 2022.01 )  
 B61L 27/53 ( 2022.01 )  
 (87) WO2022/263281
- 
- (31) 21179687.5 (32) 16.06.21 (33) EP  
 (43) 22.12.2022  
 (72) FERNANDES, Emmanuel  
 (74) Madderns Pty Ltd
- 
- (71) ETHERNA IMMUNOTHERAPIES NV  
 (11) AU-A-2022279563  
 (21) 2022279563 (22) 25.05.2022  
 (54) METHODS FOR STORING MRNA COMPOSITIONS  
 (51) Int. Cl.  
 A01N 1/00 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )  
 (87) WO2022/248566  
 (31) 21175871.9 (32) 26.05.21 (33) EP  
 (43) 01.12.2022  
 (72) CHALLIS, Phillip; BAUER, Lubos  
 (74) Collison & Co
- 
- (71) ETHERNA IMMUNOTHERAPIES NV  
 (11) AU-A-2022282559  
 (21) 2022282559 (22) 25.05.2022  
 (54) METHOD TO REDUCE DOUBLE STRANDED RNA BY-PRODUCT FORMATION  
 (51) Int. Cl.  
 C12Q 1/6865 ( 2018.01 )  
 (87) WO2022/248565  
 (31) 21175889.1 (32) 26.05.21 (33) EP  
 (43) 01.12.2022  
 (72) CHALLIS, Phillip; BAUER, Lubos  
 (74) Collison & Co
- 
- (71) EVERSEEN LIMITED  
 (11) AU-A-2023266209  
 (21) 2023266209 (22) 01.05.2023  
 (54) SYSTEM AND METHOD FOR ADAPTIVE ORCHESTRATED PROCESS PARALLELIZATION  
 (51) Int. Cl.  
 G06F 16/332 ( 2019.01 )  
 G06F 16/783 ( 2019.01 )  
 G06F 16/787 ( 2019.01 )  
 G06F 16/9032 ( 2019.01 )  
 G06V 10/764 ( 2022.01 )  
 (87) WO2023/214293  
 (31) 63/338,262 (32) 04.05.22 (33) US  
 (43) 09.11.2023  
 (72) O'HERLIHY, Alan; CIUBOTARU, Bogdan; HARTNETT, Margaret; ALLEN, Joe  
 (74) James & Wells Intellectual Property
- 
- (71) EVOBEND GMBH  
 (11) AU-A-2022306084  
 (21) 2022306084 (22) 28.06.2022  
 (54) PROCESSING MACHINE, WORKPIECE TABLE AND METHOD FOR PROCESSING A WORKPIECE  
 (51) Int. Cl.  
 B21D 43/14 ( 2006.01 )  
 B21D 5/04 ( 2006.01 )  
 B21D 43/00 ( 2006.01 )  
 (87) WO2023/280635  
 (31) 10 2021 117 488.0 (32) 07.07.21 (33) DE

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 12.01.2023  
 (72) DUSCHER, Nikolaus Franz  
 (74) DAVIS IP PTY LTD
- 
- (71) F. HOFFMANN-LA ROCHE AG  
 (11) AU-A-2022307657  
 (21) 2022307657 (22) 30.06.2022  
 (54) ANALYTE SENSOR AND METHOD FOR MANUFACTURING AN ANALYTE SENSOR  
 (51) Int. Cl.  
**A61B 5/1486** ( 2006.01 )  
 (87) WO2023/283096  
 (31) 63/218,510 (32) 06.07.21 (33) US  
 21183849.5 06.07.21 EP  
 (43) 12.01.2023  
 (72) SLIOZBERG, Kirill; STECK, Alexander  
 (74) Spruson & Ferguson
- 
- (71) FIELDWORK ROBOTICS LIMITED  
 (11) AU-A-2022295058  
 (21) 2022295058 (22) 14.06.2022  
 (54) AN END-EFFECTOR  
 (51) Int. Cl.  
**A01D 46/30** ( 2006.01 )  
**A01D 46/00** ( 2006.01 )  
**A01D 46/24** ( 2006.01 )  
**B25J 15/00** ( 2006.01 )  
 (87) WO2022/263456  
 (31) 2108460.3 (32) 14.06.21 (33) GB  
 (43) 22.12.2022  
 (72) SAUERWALD, Thomas; PULLE, Chris Fernando; BODKIN, Troy; WHITEAR, Dan  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) FIGENE, LLC  
 (11) AU-A-2022281340  
 (21) 2022281340 (22) 25.05.2022  
 (54) METHODS AND COMPOSITIONS FOR ALOPECIA TREATMENT USING FIBROBLASTS AND FIBROBLAST-DERIVED PRODUCTS  
 (51) Int. Cl.  
**A61P 17/14** ( 2006.01 )  
**A61K 8/64** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61Q 7/00** ( 2006.01 )  
 (87) WO2022/251277  
 (31) 63/193,403 (32) 26.05.21 (33) US  
 (43) 01.12.2022  
 (72) ICHIM, Thomas; O'HEERON, Pete  
 (74) FB Rice Pty Ltd
- 
- (71) FINAL OFFER LLC  
 (11) AU-A-2022276550  
 (21) 2022276550 (22) 21.05.2022  
 (54) METHOD AND SYSTEM FOR A BID MANAGEMENT PLATFORM FOR FACILITATING PROPERTY TRANSACTIONS  
 (51) Int. Cl.  
**G06Q 30/08** ( 2012.01 )  
**G06Q 30/06** ( 2023.01 )  
**G06Q 50/16** ( 2012.01 )
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2022300800  
 (21) 2022300800 (22) 01.07.2022  
 (54) MASK ASSEMBLIES FOR RESPIRATORY THERAPY  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )  
 (87) WO2023/277708  
 (31) 63/202,988 (32) 02.07.21 (33) US  
 63/218,431 05.07.21 US  
 63/293,305 23.12.21 US  
 (43) 05.01.2023  
 (72) TOMLINSON, Mark Richard; TEBBUTT, Adam Alexander; FREESTONE, Paul Mathew; HAMMER, Jeroen; SPEAR, Tony William; STEPHENSON, Matthew Roger; O'BRIEN, Katie  
 (74) AJ PARK
- 
- (71) FLAGSHIP PIONEERING INNOVATIONS VII, LLC  
 (11) AU-A-2022291370  
 (21) 2022291370 (22) 07.06.2022  
 (54) COMPOSITIONS AND METHODS FOR TARGETED DELIVERY OF THERAPEUTIC AGENTS  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
 (87) WO2022/261136  
 (31) 63/197,928 (32) 07.06.21 (33) US  
 (43) 15.12.2022  
 (72) ROTHSCILDS, Adrienne, Marie; PLUGIS, Nicholas, McCartney; NICOD, Charlotte, Marie; MARSHALL, Stephen; KAHVEJIAN, Avak; ECHELARD, Yann, Paul Guy Régis; AFEYAN, Noubar, Boghos; AFEYAN, Raffi; CARLSON, Scott, Moore; KOHAR, Vivek; BLOM, Daniel  
 (74) Spruson & Ferguson
- 
- (71) FLAWLESS HOLDINGS LIMITED  
 (11) AU-A-2022281500  
 (21) 2022281500 (22) 26.05.2022  
 (54) MODIFICATION OF OBJECTS IN FILM  
 (51) Int. Cl.  
**G06T 11/60** ( 2006.01 )  
**G06T 13/20** ( 2011.01 )  
 (87) WO2022/248863  
 (31) 63/193,553 (32) 26.05.21 (33) US  
 63/203,354 19.07.21 US  
 17/561,356 23.12.21 US
- 
- (43) 01.12.2022  
 (72) MANN, Scott; KIM, Hyeongwoo; DANISCHEVSKY, Sean; HALL, Rob; SCULLION, Gary Myles  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) FLEXIBLE STEEL LACING COMPANY  
 (11) AU-A-2022288086  
 (21) 2022288086 (22) 10.06.2022  
 (54) REMOVABLE CARTRIDGE CONVEYOR BELT CLEANER  
 (51) Int. Cl.  
**B65G 45/12** ( 2006.01 )  
**B65G 45/00** ( 2006.01 )  
**B65G 45/10** ( 2006.01 )  
 (87) WO2022/261444  
 (31) 17/344,226 (32) 10.06.21 (33) US  
 (43) 15.12.2022  
 (72) SNOW, Joseph; WOOD, Brian  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) FORTEPHEST LTD  
 (11) AU-A-2022309257  
 (21) 2022309257 (22) 12.07.2022  
 (54) NOVEL DERIVATIVES OF NON-CODED AMINO ACIDS AND THEIR USE AS HERBICIDES  
 (51) Int. Cl.  
**A01N 43/00** ( 2006.01 )  
**A01N 43/10** ( 2006.01 )  
**A01N 43/28** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/78** ( 2006.01 )  
**C07D 213/16** ( 2006.01 )  
**C07D 213/44** ( 2006.01 )  
**C07D 213/54** ( 2006.01 )  
**C07D 213/61** ( 2006.01 )  
**C07D 277/24** ( 2006.01 )  
**C07D 277/30** ( 2006.01 )  
**C07D 333/06** ( 2006.01 )  
**C07D 333/24** ( 2006.01 )  
**C07D 333/28** ( 2006.01 )  
 (87) WO2023/286057  
 (31) 63/203,169 (32) 12.07.21 (33) US  
 (43) 19.01.2023  
 (72) KOZAK, Alex; SHAPIRO, Israel  
 (74) WRAYS PTY LTD
- 
- (71) FOUNDATION MEDICINE, INC.  
 (11) AU-A-2022299105  
 (21) 2022299105 (22) 24.06.2022  
 (54) SYSTEM AND METHOD OF CLASSIFYING HOMOLOGOUS REPAIR DEFICIENCY  
 (51) Int. Cl.  
**G16B 20/10** ( 2019.01 )  
**C12Q 1/6886** ( 2018.01 )  
**G06F 17/18** ( 2006.01 )  
**G16B 20/20** ( 2019.01 )  
**G16B 40/20** ( 2019.01 )  
 (87) WO2022/272310  
 (31) 63/215,281 (32) 25.06.21 (33) US  
 (43) 29.12.2022  
 (72) SOKOL, Ethan; MOORE, Jay; NEWBERG, Justin; JIN, Dexter; CHEN, Kuei-Ting  
 (74) FB Rice Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

- (71) FPI FIREPLACE PRODUCTS INTERNATIONAL LTD.  
(11) AU-A-2022297731  
(21) 2022297731 (22) 22.06.2022  
(54) FIRE SYSTEM FOR A GAS FIRE-PLACE  
(51) Int. Cl.  
**F23C 5/00** ( 2006.01 )  
**F23D 14/84** ( 2006.01 )
- (87) WO2022/269521  
(31) 63/214,166 (32) 23.06.21 (33) US  
(43) 29.12.2022  
(72) MILLS, Julian; JACKSON, Grady  
(74) FB Rice Pty Ltd
- 
- (71) FRITO-LAY NORTH AMERICA, INC.  
(11) AU-A-2022307036  
(21) 2022307036 (22) 13.06.2022  
(54) IMPELLERS FOR CUTTING MACHINES AND CUTTING MACHINES EQUIPPED WITH IMPELLERS  
(51) Int. Cl.  
**B26D 7/06** ( 2006.01 )  
**B26D 1/03** ( 2006.01 )
- (87) WO2023/283025  
(31) 17/370,270 (32) 08.07.21 (33) US  
(43) 12.01.2023  
(72) BARBER, Keith A.; GANN, Rebecca G.; HICKS, Betsy M.  
(74) James & Wells Intellectual Property
- 
- (71) FRONTHILL INDUSTRIES PTY LTD  
(11) AU-A-2021269744  
(21) 2021269744 (22) 13.05.2021  
(54) STRIKING TRAINING APPARATUS  
(51) Int. Cl.  
**A63B 69/20** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**A63B 69/34** ( 2006.01 )
- (87) WO2021/226676  
(43) 18.11.2021  
(72) RODITIS, George  
(74) IP Guardian Pty Ltd
- 
- (71) FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA DE SANTIAGO DE COMPOSTELA (FIDIS); SERVIZO GALEGO DE SAÚDE; CONSORCIO CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED (CIBER); UNIVERSIDADE DE SANTIAGO DE COMPOSTELA; UNIVERSIDAD DE VALLADOLID; PRONOKAL HEALTH GROUP S.L.  
(11) AU-A-2022277801  
(21) 2022277801 (22) 20.05.2022  
(54) METHOD FOR MONITORING OR PREDICTING WHETHER A PATIENT SUFFERING FROM OBESITY IS RESPONDING OR WILL RESPOND TO A VERY-LOW-CALORIE KETOGENIC DIET (VLCKD)  
(51) Int. Cl.  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )
- (87) WO2022/243492  
(31) 21382469.1 (32) 21.05.21 (33) EP
- (43) 24.11.2022  
(72) CRUJEIRAS MARTÍNEZ, Ana Belén; CASANUEVA FREIJO, Felipe; GONZÁLEZ IZQUIERDO, Andrea; DE LUIS ROMAN, Daniel Antonio; NÚÑEZ, Maitane; SAJOUX, Ignacio  
(74) Spruson & Ferguson
- 
- (71) FURUKAWA ELECTRIC CO.,LTD.  
(11) AU-A-2022278243  
(21) 2022278243 (22) 17.05.2022  
(54) TROUGH, METHOD FOR FIXING CABLE TO TROUGH STRUCTURE, STRUCTURE FOR FIXING CABLE TO TROUGH STRUCTURE, STRUCTURE FOR FIXING TROUGH LID TO TROUGH STRUCTURE, AND METAL FITTING FOR FIXING TROUGH LID  
(51) Int. Cl.  
**H02G 9/04** ( 2006.01 )  
**H02G 1/06** ( 2006.01 )
- (87) WO2022/244762  
(31) 2021-083288 (32) 17.05.21 (33) JP  
(43) 24.11.2022  
(72) HORI, Takashi; KOZAWA, Satoshi  
(74) Spruson & Ferguson
- 
- (71) FUTURE MEDICINE CO., LTD.  
(11) AU-A-2022287865  
(21) 2022287865 (22) 31.05.2022  
(54) NUCLEOSIDE DERIVATIVE HAVING MULTI-TARGET KINASE INHIBITORY ACTIVITY AND PHARMACEUTICAL COMPOSITION FOR PREVENTING AND TREATING CANCER COMPRISING SAME  
(51) Int. Cl.  
**C07H 19/167** ( 2006.01 )  
**A61K 31/7064** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )
- (87) WO2022/260336  
(31) 10-2021-0073914 (32) 08.06.21 (33) KR  
(43) 15.12.2022  
(72) JEONG, Lak Shin; LEE, Sang Kook; TRIPATHI, Sushil Kumar; MASHELKAR, Karishma K.; SUNG, Ki Su; YUM, Yun A; KWON, Jee Youn  
(74) FB Rice Pty Ltd
- 
- (71) GALVANIZE THERAPEUTICS, INC.  
(11) AU-A-2022288851  
(21) 2022288851 (22) 04.02.2022  
(54) INDUCED EXTRAVASATION BY ENERGY DELIVERY TO TISSUE  
(51) Int. Cl.  
**A61N 1/00** ( 2006.01 )
- (87) WO2022/260723  
(31) 63/209,335 (32) 10.06.21 (33) US  
PCT/ 04.08.21 US  
US2021/044469  
(43) 15.12.2022  
(72) NEAL, Robert E., II.; O'BRIEN, Timothy J.; PASTORI, Chiara  
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) GE GRID GMBH  
(11) AU-A-2022290514  
(21) 2022290514 (22) 07.06.2022  
(54) SYSTEMS AND METHODS FOR CONTROL OF POWER GENERATION ASSETS  
(51) Int. Cl.  
**H02J 13/00** ( 2006.01 )  
**H02J 3/38** ( 2006.01 )  
**H02J 3/48** ( 2006.01 )  
**H02J 3/50** ( 2006.01 )
- (87) WO2022/261082  
(31) 17/341,828 (32) 08.06.21 (33) US  
(43) 15.12.2022  
(72) HART, Patrick Hammel; KOSUTH, Charles Joseph; MOOSVI, Alina Fatima  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GELION TECHNOLOGIES PTY LTD  
(11) AU-A-2022288762  
(21) 2022288762 (22) 12.04.2022  
(54) SEPARATION OF BASE METALS  
(51) Int. Cl.  
**B01J 20/32** ( 2006.01 )  
**B01D 15/26** ( 2006.01 )  
**B01D 15/38** ( 2006.01 )  
**B01J 20/286** ( 2006.01 )  
**B01J 20/289** ( 2006.01 )  
**B01J 45/00** ( 2006.01 )  
**C22B 3/00** ( 2006.01 )
- (87) WO2022/258939  
(31) 2108373.8 (32) 11.06.21 (33) GB  
(43) 15.12.2022  
(72) MARIN FLORIDO, Daniel; O'SHAUGHNESSY, Paul Noel; STEVENS, James  
(74) Spruson & Ferguson
- 
- (71) GENEFIRST LIMITED; FU, G.  
(11) AU-A-2022294211  
(21) 2022294211 (22) 14.06.2022  
(54) METHODS, COMPOSITIONS, AND KITS FOR PREPARING SEQUENCING LIBRARY  
(51) Int. Cl.  
**C12Q 1/6848** ( 2018.01 )  
**C12N 15/10** ( 2006.01 )
- (87) WO2022/263807  
(31) 2108427.2 (32) 14.06.21 (33) GB  
(43) 22.12.2022  
(72) FU, Guoliang; DUNWELL, Thomas  
(74) Davies Collison Cave Pty Ltd
- 
- (71) GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG  
(11) AU-A-2022303488  
(21) 2022303488 (22) 28.06.2022  
(54) SYNTHESIS OF A BIS-MESYLATE SALT OF 4-AMINO-N-(1-((3-CHLORO-2-FLUOROPHENYL)AMINO)-6-METHYL-ISOQUINOLIN-5-YL)THIENO[3,2-D]PYRIMIDINE-7-CARBOXAMIDE AND INTERMEDIATES THERETO  
(51) Int. Cl.  
**C07D 495/04** ( 2006.01 )
- (87) WO2023/278981  
(31) PCT/ (32) 30.06.21 (33) CN  
CN2021/103873

PCT applications which have entered the National Phase - Name Index cont'd

(43) 05.01.2023  
 (72) GOSELIN, Francis; KOENIG, Stefan G.; MERCADO-MARIN, Eduardo V.; STUMPF, Andreas; ZELL, Daniel; ZHANG, Haiming; BACHMANN, Stephan; CARRERA, Diane Elizabeth; DALZIEL, Michael Euan; GE, Yonghui; ZHANG, Jie; BIGLER, Raphael; FINET, Laure Elisabeth Simone; MONDIERE, Regis Jean Georges; NAKAGAWA, Yuki  
 (74) Griffith Hack

(71) GENERAL MILLS, INC.  
 (11) AU-A-2022274874  
 (21) 2022274874 (22) 05.05.2022  
 (54) CONFECTIONARY WITH IMPROVED OPACITY  
 (51) Int. Cl.  
 A23G 3/42 ( 2006.01 )  
 A23G 3/34 ( 2006.01 )  
 A23G 3/36 ( 2006.01 )  
 A23G 3/40 ( 2006.01 )  
 A23L 5/41 ( 2016.01 )  
 (87) WO2022/240648  
 (31) 63/188,739 (32) 14.05.21 (33) US  
 (43) 17.11.2022  
 (72) DOMINGUES, David, J.; LI, Ruiqi; VEMULAPALLI, Vani  
 (74) FB Rice Pty Ltd

(71) GENTEX CORPORATION  
 (11) AU-A-2022308350  
 (21) 2022308350 (22) 06.07.2022  
 (54) ANTI-CONDENSATION PROTECTIVE EYEWEAR  
 (51) Int. Cl.  
 G02C 7/02 ( 2006.01 )  
 A62B 18/02 ( 2006.01 )  
 (87) WO2023/283219  
 (31) 63/219,130 (32) 07.07.21 (33) US  
 (43) 12.01.2023  
 (72) YU, Haiping; WORTHINGTON, Taylor  
 (74) Spruson & Ferguson

(71) GEOMATRIX, LLC  
 (11) AU-A-2022296432  
 (21) 2022296432 (22) 17.06.2022  
 (54) LAYERED CAPILLARY WETTING  
 (51) Int. Cl.  
 B01D 24/04 ( 2006.01 )  
 B32B 5/16 ( 2006.01 )  
 B32B 7/02 ( 2019.01 )  
 C02F 1/28 ( 2023.01 )  
 C02F 9/00 ( 2023.01 )  
 (87) WO2022/271538  
 (31) 63/213,563 (32) 22.06.21 (33) US  
 17/746,741 17.05.22 US  
 (43) 29.12.2022  
 (72) POTTS, David, A.  
 (74) Spruson & Ferguson

(71) GI CELL, INC.  
 (11) AU-A-2022274645  
 (21) 2022274645 (22) 13.05.2022  
 (54) COMPOSITION FOR NK CELL CRYO-PRESERVATION, AND CRYOP-

RESERVATION FORMULATION COM-  
 PRISING SAME  
 (51) Int. Cl.  
 A01N 1/02 ( 2006.01 )  
 C12N 1/02 ( 2006.01 )  
 C12N 5/0783 ( 2010.01 )  
 (87) WO2022/240240  
 (31) 10-2021-0062683 (32) 14.05.21 (33) KR  
 (43) 17.11.2022  
 (72) JANG, Myung Ho; HONG, Chun-Pyo; KO, Dongwoo; KU, Jongbeom; KIM, Dong-Hwan  
 (74) FB Rice Pty Ltd

(71) GILEAD SCIENCES, INC.  
 (11) AU-A-2022297373  
 (21) 2022297373 (22) 21.06.2022  
 (54) DIACYLGLYCEROL KINASE MODU-LATING COMPOUNDS  
 (51) Int. Cl.  
 C07D 239/95 ( 2006.01 )  
 A61K 31/517 ( 2006.01 )  
 A61P 31/18 ( 2006.01 )  
 A61P 31/20 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 35/04 ( 2006.01 )  
 C07B 59/00 ( 2006.01 )  
 C07D 401/04 ( 2006.01 )  
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 C07D 401/14 ( 2006.01 )  
 C07D 403/04 ( 2006.01 )  
 C07D 403/12 ( 2006.01 )  
 C07D 405/12 ( 2006.01 )  
 C07D 413/04 ( 2006.01 )  
 C07D 413/14 ( 2006.01 )  
 C07D 417/12 ( 2006.01 )  
 C07D 471/04 ( 2006.01 )  
 C07D 487/08 ( 2006.01 )

(87) WO2022/271677  
 (31) 63/213,893 (32) 23.06.21 (33) US  
 (43) 29.12.2022  
 (72) GRAUPE, Michael; GUERRERO, Juan A.; HOLMBO, Stephen D.; JACOBSEN, Jesse M.; KOBAYASHI, Tetsuya; PATEL, Leena B.; WEAVER, Heath A.; XU, Jie; YEUNG, Suet C.  
 (74) FPA Patent Attorneys Pty Ltd

(71) GIVAUDAN SA  
 (11) AU-A-2022312165  
 (21) 2022312165 (22) 15.07.2022  
 (54) IMPROVEMENTS IN OR RELATED TO ORGANIC COMPOUNDS  
 (51) Int. Cl.  
 C08B 37/08 ( 2006.01 )  
 A61K 8/73 ( 2006.01 )  
 A61Q 3/00 ( 2006.01 )  
 A61Q 5/12 ( 2006.01 )  
 C08L 5/08 ( 2006.01 )  
 (87) WO2023/285663  
 (31) 2110211.6 (32) 15.07.21 (33) GB  
 (43) 19.01.2023  
 (72) JOSET, Nathalie; ALBRECHT, Nathalie; BRUNNER, Gerhard; LOVCHIK, Martin; MEUNIER, Marie; REYNAUD, Romain; SCANDOLERA, Amandine  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) GLENMARK SPECIALTY S.A.  
 (11) AU-A-2022305807  
 (21) 2022305807 (22) 06.07.2022  
 (54) PYRIMIDINE COMPOUNDS FOR USE AS MAP4K1 INHIBITORS  
 (51) Int. Cl.  
 C07F 9/53 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2023/281417  
 (31) 202121030204 (32) 06.07.21 (33) IN  
 (43) 12.01.2023  
 (72) IYER, Pravin; DAS, Sanjib; CHIN-NAPATTU, Murugan; CHAUDHARI, Sachin; SAINI, Jagmohan; MANDADI, Sravan; GOWDA, Nagaraj; DAHALE, Dnyaneshwar; PATIL, Sandip; KADLAG, Nanasaheb; MISRA, Chandrasekhar; PANGARE, Priyanka  
 (74) Pangaea IP Consultants

(71) GLOBAL BIOLIFE INC.  
 (11) AU-A-2022293645  
 (21) 2022293645 (22) 10.06.2022  
 (54) METHOD AND COMPOSITION FOR PREVENTING AND TREATING VIRAL INFECTIONS  
 (51) Int. Cl.  
 C07D 311/30 ( 2006.01 )  
 A61K 8/60 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 31/16 ( 2006.01 )  
 A61K 39/215 ( 2006.01 )  
 (87) WO2022/265925  
 (31) 17/346,602 (32) 14.06.21 (33) US  
 (43) 22.12.2022  
 (72) THOMPSON, Daryl, L.  
 (74) Clark Intellectual Property Pty Ltd

(71) GLOBE (JIANGSU) CO., LTD.  
 (11) AU-A-2022288493  
 (21) 2022288493 (22) 10.06.2022  
 (54) ELECTRIC ALL-TERRAIN VEHICLE AND VEHICLE BRAKING CONTROL METHOD  
 (51) Int. Cl.  
 B60K 17/28 ( 2006.01 )  
 B62K 5/01 ( 2013.01 )  
 B62K 7/02 ( 2006.01 )  
 (87) WO2022/258033  
 (31) 202110653232.7 (32) 11.06.21 (33) CN  
 202110653234.6 11.06.21 CN  
 202110654545.4 11.06.21 CN  
 202110654571.7 11.06.21 CN  
 202121438815.X 25.06.21 CN  
 202121439126.0 25.06.21 CN  
 202121321592.9 11.06.21 CN  
 202121329868.8 11.06.21 CN  
 202121322358.8 11.06.21 CN  
 202121321467.8 11.06.21 CN  
 202121315661.5 11.06.21 CN  
 202121316087.5 11.06.21 CN  
 202121316067.8 11.06.21 CN  
 202121314967.9 11.06.21 CN  
 202121321613.7 11.06.21 CN  
 (43) 15.12.2022  
 (72) WEI, Qunli; ZHU, Fei; XUE, Jiafu; DING, Min; DING, Shiyuan; WU, Baogui; XU, Yueyue  
 (74) Madderns Pty Ltd



PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) GLYCOS BIOMEDICAL LTD  
 (11) AU-A-2022273186  
 (21) 2022273186 (22) 16.05.2022  
 (54) MEDIUM MOLECULAR WEIGHT HEP-  
 ARIN FOR USE IN THE TREATMENT  
 OF ENDOTHELIOPATHY  
 (51) Int. Cl.  
**A61K 31/727** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2022/238587  
 (31) 2106972.9 (32) 14.05.21 (33) GB  
 (43) 17.11.2022  
 (72) BHOGAL, Pervinder Singh  
 (74) FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD
- 
- (71) GOLDWIND SCIENCE & TECHNO-  
 LOGY CO., LTD.  
 (11) AU-A-2022349295  
 (21) 2022349295 (22) 31.03.2022  
 (54) SUPPORT APPARATUS FOR SHAFT  
 SYSTEM, AND WIND TURBINE  
 (51) Int. Cl.  
**F03D 80/70** ( 2016.01 )  
**F03D 80/00** ( 2016.01 )  
**F16C 19/24** ( 2006.01 )  
**F16C 35/06** ( 2006.01 )  
**F16H 57/021** ( 2012.01 )  
 (87) WO2023/045294  
 (31) 202111128270.7 (32) 26.09.21 (33) CN  
 (43) 30.03.2023  
 (72) YANG, Yuliang; LI, Qian; LI, Huixun  
 (74) Madderns Pty Ltd
- 
- (71) GOOGLE LLC  
 (11) AU-A-2022301178  
 (21) 2022301178 (22) 28.06.2022  
 (54) PERFORMING UNBIASED FERMI-  
 ONIC QUANTUM MONTE CARLO  
 CALCULATIONS USING QUANTUM  
 COMPUTERS AND SHADOW TOMO-  
 GRAPHY  
 (51) Int. Cl.  
**G06N 10/60** ( 2022.01 )  
**G06N 5/00** ( 2023.01 )  
 (87) WO2023/278462  
 (31) 63/215,842 (32) 28.06.21 (33) US  
 (43) 05.01.2023  
 (72) HUGGINS, William; LEE, Joonho; BAB-  
 BUSH, Ryan  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) GOOGLE LLC  
 (11) AU-A-2022328309  
 (21) 2022328309 (22) 05.08.2022  
 (54) USER INTERFACES FOR SURFA-  
 CING WEB BROWSER HISTORY  
 DATA  
 (51) Int. Cl.  
**G06F 16/955** ( 2019.01 )  
 (87) WO2023/019089  
 (31) 63/260,164 (32) 11.08.21 (33) US
- 
- (43) 16.02.2023  
 (72) YUSHKINA, Yana; CHANG, Sophie;  
 CROUSE, Michael Blair; AHMADI, Mo-  
 hamad Hasan; LI, Tommy Chendong;  
 HOVANESIAN, Manuk Armen; DON-  
 NELLY, Justin Gabriel; BANSAL, Tarun;  
 POR, John Oliver; SCHUBSDA, Lukas  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) GRADIENT DENERVATION TECHNO-  
 LOGIES SAS  
 (11) AU-A-2022299655  
 (21) 2022299655 (22) 23.06.2022  
 (54) SYSTEMS FOR APPLYING ENERGY  
 TO DENERVATE A PULMONARY  
 ARTERY  
 (51) Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
**A61N 7/00** ( 2006.01 )  
**A61N 7/02** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
 (87) WO2022/269545  
 (31) 21305873 (32) 24.06.21 (33) EP  
 (43) 29.12.2022  
 (72) AMAOUA, David; GRASSE, Martin;  
 MISCHO, Chiara; CANNON, William;  
 MAXWELL, Adam Douglas  
 (74) HENRY HUGHES IP LTD
- 
- (71) GRAPHIC PACKAGING INTERNA-  
 TIONAL, LLC  
 (11) AU-A-2022308661  
 (21) 2022308661 (22) 07.07.2022  
 (54) CARRIER FOR CONTAINERS  
 (51) Int. Cl.  
**B65D 71/42** ( 2006.01 )  
**B65D 71/70** ( 2006.01 )  
 (87) WO2023/283293  
 (31) 63/203,882 (32) 03.08.21 (33) US  
 63/219,648 08.07.21 US  
 (43) 12.01.2023  
 (72) HICKS, Douglas R.; MAY, Kevin T.;  
 SPIVEY, Raymond R.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GRAPHIC PACKAGING INTERNA-  
 TIONAL, LLC  
 (11) AU-A-2022310194  
 (21) 2022310194 (22) 14.07.2022  
 (54) CARRIER FOR CONTAINERS  
 (51) Int. Cl.  
**B65D 71/44** ( 2006.01 )  
**B65D 71/70** ( 2006.01 )  
 (87) WO2023/287949  
 (31) 63/260,881 (32) 03.09.21 (33) US  
 63/222,225 15.07.21 US  
 (43) 19.01.2023  
 (72) THOMPSON, Jon  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GRIPPLE LIMITED  
 (11) AU-A-2022301605  
 (21) 2022301605 (22) 24.06.2022  
 (54) CONNECTING APPARATUS AND  
 SUSPENSION ASSEMBLY
- 
- (51) Int. Cl.  
**F16B 37/08** ( 2006.01 )  
 (87) WO2023/275688  
 (31) 2109262.2 (32) 28.06.21 (33) GB  
 2109264.8 28.06.21 GB  
 2209226.6 23.06.22 GB  
 2209230.8 23.06.22 GB  
 (43) 05.01.2023  
 (72) DAVIS, Simon; WHITE, Samuel; SUN-  
 DERLAND, Oliver  
 (74) Spruson & Ferguson
- 
- (71) GRIPPLE LIMITED  
 (11) AU-A-2022303478  
 (21) 2022303478 (22) 24.06.2022  
 (54) CONNECTING APPARATUS AND  
 SUSPENSION ASSEMBLY  
 (51) Int. Cl.  
**F16B 2/14** ( 2006.01 )  
 (87) WO2023/275689  
 (31) 2109262.2 (32) 28.06.21 (33) GB  
 2109264.8 28.06.21 GB  
 2209226.6 23.06.22 GB  
 2209230.8 23.06.22 GB  
 (43) 05.01.2023  
 (72) DAVIS, Simon; WHITE, Samuel; SUN-  
 DERLAND, Oliver  
 (74) Spruson & Ferguson
- 
- (71) GRIPPLE LIMITED  
 (11) AU-A-2022306256  
 (21) 2022306256 (22) 04.07.2022  
 (54) ANCHOR ASSEMBLY  
 (51) Int. Cl.  
**F16B 13/08** ( 2006.01 )  
**E04B 1/41** ( 2006.01 )  
**E04B 9/18** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
 (87) WO2023/281374  
 (31) 2109800.9 (32) 07.07.21 (33) GB  
 2209364.5 27.06.22 GB  
 (43) 12.01.2023  
 (72) WHITE, Samuel  
 (74) Spruson & Ferguson
- 
- (71) GRIPPLE LIMITED  
 (11) AU-A-2022315038  
 (21) 2022315038 (22) 14.07.2022  
 (54) SUSPENSION ASSEMBLY  
 (51) Int. Cl.  
**B60M 1/23** ( 2006.01 )  
**B60M 1/24** ( 2006.01 )  
**E04B 9/18** ( 2006.01 )  
**F16L 3/11** ( 2006.01 )  
 (87) WO2023/002309  
 (31) 2110316.3 (32) 19.07.21 (33) GB  
 2204338.4 28.03.22 GB  
 2210130.7 11.07.22 GB  
 (43) 26.01.2023  
 (72) BARNES, Samuel  
 (74) Spruson & Ferguson
- 
- (71) GRUBER, P.; IMPEKOVEN, C.  
 (11) AU-A-2022266595  
 (21) 2022266595 (22) 26.04.2022

PCT applications which have entered the National Phase - Name Index cont'd

(54) SYSTEMS AND METHODS FOR AUTOMATIC CARBON INTENSITY CALCULATION AND TRACKING  
 (51) Int. Cl.  
*G06Q 10/06* ( 2023.01 )  
*G06Q 50/28* ( 2012.01 )  
 (87) WO2022/232162  
 (31) 63/180,309 (32) 27.04.21 (33) US  
 (43) 03.11.2022  
 (72) GRUBER, Patrick; IMPEKOVEN, Christoph  
 (74) Acacia Law

(71) GRZ TECHNOLOGIES SA  
 (11) AU-A-2022324666  
 (21) 2022324666 (22) 02.08.2022  
 (54) AB2 TYPE-BASED HYDROGEN STORAGE ALLOYS, METHODS OF PREPARATION AND USES THEREOF  
 (51) Int. Cl.  
*B22F 1/068* ( 2022.01 )  
*B22F 9/08* ( 2006.01 )  
*C22C 1/03* ( 2006.01 )  
*C22C 1/04* ( 2023.01 )  
*C22C 14/00* ( 2006.01 )  
*C22C 19/00* ( 2006.01 )  
 (87) WO2023/012135  
 (31) 21189513.1 (32) 03.08.21 (33) EP  
 (43) 09.02.2023  
 (72) SUN, Tai; GALLANDAT, Noris  
 (74) Madderns Pty Ltd

(71) HAIN, R.J.M.  
 (11) AU-A-2022279661  
 (21) 2022279661 (22) 13.05.2022  
 (54) SYSTEM AND METHOD FOR PROOF OF VIEW VIA BLOCKCHAIN  
 (51) Int. Cl.  
*H04L 9/00* ( 2022.01 )  
*G06F 21/64* ( 2013.01 )  
*G06Q 20/38* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )  
*G06Q 30/02* ( 2023.01 )  
*H04N 21/24* ( 2011.01 )  
*H04N 21/442* ( 2011.01 )  
 (87) WO2022/248965  
 (31) 17/328,695 (32) 24.05.21 (33) US  
 (43) 01.12.2022  
 (72) HAIN, Robert James Mark  
 (74) Eagar & Associates Pty Ltd

(71) HALLIBURTON ENERGY SERVICES, INC.  
 (11) AU-A-2021459597  
 (21) 2021459597 (22) 03.08.2021  
 (54) SLIP RING EMPLOYING RADIALLY OFFSET SLOT  
 (51) Int. Cl.  
*E21B 33/129* ( 2006.01 )  
*E21B 23/01* ( 2006.01 )  
*E21B 23/06* ( 2006.01 )  
 (87) WO2023/014349  
 (31) 17/392,564 (32) 03.08.21 (33) US  
 (43) 09.02.2023  
 (72) MOORE, Bruce Alan; COTO, Pompilio  
 (74) Spruson & Ferguson

(71) HALTER USA INC  
 (11) AU-A-2022278706  
 (21) 2022278706 (22) 17.05.2022  
 (54) SYSTEM AND METHOD FOR APPLYING AMENDMENT  
 (51) Int. Cl.  
*A01C 21/00* ( 2006.01 )  
*A01K 11/00* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*G06F 16/29* ( 2019.01 )  
*G06N 20/00* ( 2019.01 )  
*G06Q 10/06* ( 2023.01 )  
*G06Q 50/02* ( 2012.01 )  
 (87) WO2022/243852  
 (31) 2021901464 (32) 17.05.21 (33) AU  
 2021221482 24.08.21 AU  
 2022900436 24.02.22 AU  
 (43) 24.11.2022  
 (72) TRAYNOR, Aaron John; CROWHURST, Steve; DE SOUZA GARBIATTI, Carlos Eduardo  
 (74) AJ PARK

(71) HALTER USA INC  
 (11) AU-A-2022311277  
 (21) 2022311277 (22) 18.07.2022  
 (54) APPARATUS FOR LOCATIONAL CONTROL OF ANIMAL VOIDING AND METHOD THEREFOR  
 (51) Int. Cl.  
*A01K 11/00* ( 2006.01 )  
*A01K 15/02* ( 2006.01 )  
*A01K 27/00* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*G08B 23/00* ( 2006.01 )  
*G08B 25/01* ( 2006.01 )  
*G08B 31/00* ( 2006.01 )  
 (87) WO2023/287307  
 (31) 2021104227 (32) 16.07.21 (33) AU  
 (43) 19.01.2023  
 (72) PIGGOTT, Craig; HEARN, Daniel; CROWHURST, Steve  
 (74) Origin Patent and Trade Mark Attorneys

(71) HANGZHOU GLUBIO PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2022289605  
 (21) 2022289605 (22) 06.06.2022  
 (54) ISOINDOLINONE COMPOUNDS, AND USES THEREOF  
 (51) Int. Cl.  
*C07D 401/04* ( 2006.01 )  
*A61K 31/445* ( 2006.01 )  
*A61K 31/454* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2022/257897  
 (31) PCT/ CN2021/099003 (32) 08.06.21 (33) CN  
 PCT/ 29.03.22 CN  
 CN2022/083853  
 (43) 15.12.2022  
 (72) FU, Liqiang; KONG, Linglong; XIA, Yifeng  
 (74) Griffith Hack

(71) HARPOON THERAPEUTICS, INC.  
 (11) AU-A-2022286407  
 (21) 2022286407 (22) 02.06.2022

(54) DLL3 TARGETING TRISPECIFIC PROTEINS AND METHODS OF USE  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (87) WO2022/256500  
 (31) 63/196,619 (32) 03.06.21 (33) US  
 63/288,939 13.12.21 US  
 63/345,150 24.05.22 US  
 (43) 08.12.2022  
 (72) WESCHE, Holger; SUN, Liping  
 (74) FB Rice Pty Ltd

(71) HAULOTTE GROUP  
 (11) AU-A-2022292081  
 (21) 2022292081 (22) 14.06.2022  
 (54) CONTROL CONSOLE FOR A PERSONNEL-LIFTING MACHINE, AND PERSONNEL-LIFTING MACHINE COMPRISING SUCH A CONTROL CONSOLE  
 (51) Int. Cl.  
*B66F 9/075* ( 2006.01 )  
*B66F 11/04* ( 2006.01 )  
 (87) WO2022/263455  
 (31) FR2106326 (32) 15.06.21 (33) FR  
 (43) 22.12.2022  
 (72) DITTUS, Sebastian; GRANJON, Thierry; ROLAND, Baptiste  
 (74) Michael Buck IP

(71) HEADLOK PTY LTD  
 (11) AU-A-2022297909  
 (21) 2022297909 (22) 22.06.2022  
 (54) SAFETY HELMET  
 (51) Int. Cl.  
*E05B 37/02* ( 2006.01 )  
*A42B 3/04* ( 2006.01 )  
*B62H 5/00* ( 2006.01 )  
*B62J 11/24* ( 2020.01 )  
*E05B 71/00* ( 2006.01 )  
*E05B 73/00* ( 2006.01 )  
 (87) WO2022/266709  
 (31) 2021901872 (32) 22.06.21 (33) AU  
 2021221713 25.08.21 AU  
 (43) 29.12.2022  
 (72) COTTON, Lisa, Jane; MATTHEWS-FREDERICK, Mark; TOLLEY, Davis; TANIDA, Mamoru; MARSHALL, Graeme  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HEARABLES 3D PTY LTD  
 (11) AU-A-2022306016  
 (21) 2022306016 (22) 07.07.2022  
 (54) METHOD, PROGRAM, AND SYSTEM FOR 3D SCANNING  
 (51) Int. Cl.  
*G06N 20/00* ( 2019.01 )  
*G06N 3/02* ( 2006.01 )  
*G06T 7/33* ( 2017.01 )  
*G06T 7/50* ( 2017.01 )  
*G06T 17/00* ( 2006.01 )  
*H04R 25/02* ( 2006.01 )  
 (87) WO2023/279163  
 (31) 2021902067 (32) 07.07.21 (33) AU

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 12.01.2023  
 (72) KINSELLA, Dr Philip; SHILTON, Anthony  
 (74) FB Rice Pty Ltd
- 
- (71) HEED LIMITED  
 (11) AU-A-2022300630  
 (21) 2022300630 (22) 23.06.2022  
 (54) MONITORING AND ALERT SYSTEM  
 (51) Int. Cl.  
*G01F 23/00* ( 2022.01 )  
*E03F 7/00* ( 2006.01 )  
*G01M 3/16* ( 2006.01 )  
*G08B 23/00* ( 2006.01 )  
*G08B 25/10* ( 2006.01 )  
*G08B 27/00* ( 2006.01 )
- (87) WO2023/277704  
 (31) 777813 (32) 01.07.21 (33) NZ  
 789174 13.06.22 NZ  
 (43) 05.01.2023  
 (72) FROEHLKE, Martin; ELLIOTT, Philip James  
 (74) James & Wells Intellectual Property
- 
- (71) HEMITEC FINLAND OY  
 (11) AU-A-2022308696  
 (21) 2022308696 (22) 10.05.2022  
 (54) DEVICE FOR INTRAMEDULLARY NAILING OF THE TIBIA  
 (51) Int. Cl.  
*A61B 17/17* ( 2006.01 )  
*A61B 17/64* ( 2006.01 )  
*A61B 17/66* ( 2006.01 )  
*A61B 17/88* ( 2006.01 )
- (87) WO2023/281324  
 (31) 20215797 (32) 08.07.21 (33) FI  
 (43) 12.01.2023  
 (72) HYTTINEN, Mika  
 (74) Alder IP Pty Ltd
- 
- (71) HEXO OPERATIONS INC.  
 (11) AU-A-2022274709  
 (21) 2022274709 (22) 12.05.2022  
 (54) EXTRUDED HASHISH PRODUCT AND INDUSTRIAL PROCESS FOR MAKING SAME  
 (51) Int. Cl.  
*A61K 36/185* ( 2006.01 )  
*A23L 33/105* ( 2016.01 )  
*A23P 30/20* ( 2016.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/05* ( 2006.01 )  
*A61K 31/192* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*C07C 39/19* ( 2006.01 )  
*C07C 65/19* ( 2006.01 )  
*C07D 311/80* ( 2006.01 )
- (87) WO2022/236426  
 (31) 63/187,760 (32) 12.05.21 (33) US  
 (43) 17.11.2022  
 (72) SAVARD, Jamie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) HINGE HEALTH, INC.  
 (11) AU-A-2021446498  
 (21) 2021446498 (22) 27.07.2021  
 (54) POSE PARSERS
- (51) Int. Cl.  
*G06N 3/02* ( 2006.01 )
- (87) WO2022/243739  
 (31) 63/191,538 (32) 21.05.21 (33) US  
 (43) 24.11.2022  
 (72) RAMACHANDRA, Bharathkumar; KRUSZEWSKI, Paul Anthony  
 (74) RnB IP Pty Ltd
- 
- (71) HIT TEKK PTY LTD  
 (11) AU-A-2022275581  
 (21) 2022275581 (22) 18.05.2022  
 (54) A SENSOR-ENABLED PLATFORM CONFIGURED TO MEASURE ATHLETIC ACTIVITY  
 (51) Int. Cl.  
*A63B 21/055* ( 2006.01 )  
*A63B 21/06* ( 2006.01 )  
*A63B 24/00* ( 2006.01 )  
*A63B 71/06* ( 2006.01 )  
*G06F 17/18* ( 2006.01 )
- (87) WO2022/241516  
 (31) 2021901479 (32) 18.05.21 (33) AU  
 2021221661 25.08.21 AU  
 2021903980 09.12.21 AU  
 2022900585 10.03.22 AU  
 (43) 24.11.2022  
 (72) GRAHAM, Mat; WARD, Matthew  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
- 
- (71) HODGE, G.L.  
 (11) AU-A-2022283810  
 (21) 2022283810 (22) 01.06.2022  
 (54) CONNECTION WELDING FOR AUTOMATED STERILE CONNECTION AND FLUID TRANSFER  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*A61M 39/14* ( 2006.01 )  
*B29C 65/00* ( 2006.01 )  
*C12M 1/12* ( 2006.01 )
- (87) WO2022/256404  
 (31) 63/196,029 (32) 02.06.21 (33) US  
 21193324.7 26.08.21 EP  
 (43) 08.12.2022  
 (72) HODGE, Geoffrey L.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HODGE, G.L.  
 (11) AU-A-2022288614  
 (21) 2022288614 (22) 07.06.2022  
 (54) CELL CULTURE VESSEL FOR USE IN MANUFACTURING CELL PRODUCTS  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 1/02* ( 2006.01 )  
*C12M 1/36* ( 2006.01 )  
*C12M 3/00* ( 2006.01 )
- (87) WO2022/261041  
 (31) 21193332.0 (32) 26.08.21 (33) EP  
 63/197,665 07.06.21 US  
 (43) 15.12.2022  
 (72) HODGE, Geoffrey, L.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HODGE, G.L.  
 (11) AU-A-2022325789  
 (21) 2022325789 (22) 11.08.2022  
 (54) SYSTEMS AND METHODS FOR MANUFACTURING CELLS  
 (51) Int. Cl.  
*C12M 1/12* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12M 1/36* ( 2006.01 )
- (87) WO2023/018902  
 (31) 63/231,994 (32) 11.08.21 (33) US  
 (43) 16.02.2023  
 (72) HODGE, Geoffrey L.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HOWMET AEROSPACE INC.  
 (11) AU-A-2021455608  
 (21) 2021455608 (22) 14.07.2021  
 (54) VEHICLE WHEEL HUB COVER, VEHICLE WHEEL, POWERED VEHICLE, AND METHOD OF MANUFACTURE  
 (51) Int. Cl.  
*B60B 7/08* ( 2006.01 )  
*B60B 7/00* ( 2006.01 )  
*B60B 7/02* ( 2006.01 )  
*B60B 7/06* ( 2006.01 )
- (87) WO2023/287414  
 (43) 19.01.2023  
 (72) MASON, Douglas, P.; WALLACE, Spencer  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) HOWMET AEROSPACE INC.  
 (11) AU-A-2022310666  
 (21) 2022310666 (22) 05.07.2022  
 (54) VEHICLE WHEELS AND METHODS OF USE  
 (51) Int. Cl.  
*B60B 21/10* ( 2006.01 )
- (87) WO2023/288170  
 (31) 17/375,460 (32) 14.07.21 (33) US  
 (43) 19.01.2023  
 (72) MASON, Douglas P.; WALLACE, Spencer; SUTADJI, Michael  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022289943  
 (21) 2022289943 (22) 25.05.2022  
 (54) METHOD FOR DETERMINING TRANSMIT POWER IN WIRELESS LOCAL AREA NETWORK, AND RELATED APPARATUS  
 (51) Int. Cl.  
*H04W 52/18* ( 2009.01 )
- (87) WO2022/257768  
 (31) 202110657250.2 (32) 11.06.21 (33) CN  
 (43) 15.12.2022  
 (72) HU, Mengshi; YU, Jian; GAN, Ming  
 (74) Halfords IP
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022292679  
 (21) 2022292679 (22) 14.06.2022

PCT applications which have entered the National Phase - Name Index cont'd

- (54) METHODS AND SYSTEMS FOR WI-FI SENSING ANNOUNCEMENT  
 (51) Int. Cl.  
**H04W 84/12** ( 2009.01 )  
 (87) WO2022/262706  
 (31) 63/210,184 (32) 14.06.21 (33) US  
 17/836,921 09.06.22 US  
 (43) 22.12.2022  
 (72) SUH, Jung Hoon; XIN, Yan; ABOUL-MAGD, Osama; AU, Kwok Shum  
 (74) Halfords IP
- 
- (71) HUBRO THERAPEUTICS AS  
 (11) AU-A-2022308403  
 (21) 2022308403 (22) 11.07.2022  
 (54) A Primer  
 (51) Int. Cl.  
**C12Q 1/6827** ( 2018.01 )  
**C12Q 1/6858** ( 2018.01 )  
 (87) WO2023/281117  
 (31) 21184877.5 (32) 09.07.21 (33) EP  
 2205105.6 07.04.22 GB  
 (43) 12.01.2023  
 (72) ERIKSEN, Henrik; ERIKSEN, Jon Amund  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HUMAN ENGINEERING CO., LTD.; WASEDA UNIVERSITY; SHINSHU UNIVERSITY; Q'SFIX CO., LTD.  
 (11) AU-A-2021448510  
 (21) 2021448510 (22) 04.06.2021  
 (54) DETERMINATION DEVICE, DETERMINATION METHOD, AND PROGRAM  
 (51) Int. Cl.  
**A61B 10/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
 (87) WO2022/254707  
 (43) 08.12.2022  
 (72) SOTA Takayuki; NAKAMURA Atsushi; MURATA Ayaka; KOGA Hiroshi; MINAGAWA Akane  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) HUNG, M.  
 (11) AU-A-2022277246  
 (21) 2022277246 (22) 17.05.2022  
 (54) VACCINE, USE THEREOF AND CANCER VACCINE COCKTAIL  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
 (87) WO2022/242652  
 (31) 63/189,861 (32) 18.05.21 (33) US  
 63/308,568 10.02.22 US  
 (43) 24.11.2022  
 (72) CHAO, Kun-San; HUANG, Kevin Chih-Yang; CHIANG, Shu-Fen  
 (74) Halfords IP
- 
- (71) HYBRIT DEVELOPMENT AB  
 (11) AU-A-2022308811  
 (21) 2022308811 (22) 04.07.2022  
 (54) IRON BRIQUETTES
- (51) Int. Cl.  
**C21B 13/00** ( 2006.01 )  
**C21B 13/14** ( 2006.01 )  
**C22B 1/242** ( 2006.01 )  
**C22B 1/244** ( 2006.01 )  
 (87) WO2023/282824  
 (31) 2150893-2 (32) 07.07.21 (33) SE  
 (43) 12.01.2023  
 (72) KOJOLA, Niklas; SICHEN, Du; HUSS, Joar; VICKERFELDT, Amanda; PEI, Martin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) I4F LICENSING NV  
 (11) AU-A-2022315518  
 (21) 2022315518 (22) 19.07.2022  
 (54) MULTI-PURPOSE TILE SYSTEM, TILE COVERING, AND TILE  
 (51) Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**E04F 15/10** ( 2006.01 )  
 (87) WO2023/001834  
 (31) 2028776 (32) 19.07.21 (33) NL  
 (43) 26.01.2023  
 (72) BOUCKÉ, Eddy Alberic; DEVOS, Pieter Renaat Karel  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) IASIS MOLECULAR SCIENCES, INC.; VACHON, D.J.; VACHON, M.R.  
 (11) AU-A-2022273510  
 (21) 2022273510 (22) 07.05.2022  
 (54) ANTIMICROBIAL AND BIOLOGICALLY ACTIVE POLYMER COMPOSITES AND RELATED METHODS, MATERIALS, COATINGS AND DEVICES  
 (51) Int. Cl.  
**C09D 5/14** ( 2006.01 )  
**A01N 25/10** ( 2006.01 )  
**A01N 59/20** ( 2006.01 )  
**A61L 15/18** ( 2006.01 )  
**A61L 15/42** ( 2006.01 )  
 (87) WO2022/240705  
 (31) 63/316,398 (32) 03.03.22 (33) US  
 63/186,173 09.05.21 US  
 (43) 17.11.2022  
 (72) VACHON, David, John; VACHON, Mark Robert  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) IBMSOL CO., LTD.  
 (11) AU-A-2022292366  
 (21) 2022292366 (22) 10.06.2022  
 (54) PLASMA GENERATION DEVICE FOR UTERINE CERVIX  
 (51) Int. Cl.  
**A61N 1/44** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**H05H 1/24** ( 2006.01 )  
**H05H 1/34** ( 2006.01 )  
 (87) WO2022/265302  
 (31) 10-2021-0078303 (32) 16.06.21 (33) KR  
 (43) 22.12.2022  
 (72) KWON, Byung Su; KIM, Hee Kyung  
 (74) LAMINAR IP PTY LTD
- 
- (71) ICU MEDICAL, INC.  
 (11) AU-A-2022296590  
 (21) 2022296590 (22) 22.06.2022  
 (54) INFUSION PUMP TOUCHSCREEN WITH FALSE TOUCH REJECTION  
 (51) Int. Cl.  
**G06F 3/041** ( 2006.01 )  
**G06F 3/0488** ( 2022.01 )  
 (87) WO2022/271879  
 (31) 63/214,678 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) HAN, Seung Jin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) IDENTIGEN LIMITED  
 (11) AU-A-2022312691  
 (21) 2022312691 (22) 13.07.2022  
 (54) AN AUTOMATED SYSTEM FOR COLLECTING TISSUE SAMPLES, AND CORRESPONDING METHOD AND COMPUTER-READABLE MEDIUM  
 (51) Int. Cl.  
**G01N 1/02** ( 2006.01 )  
**G01N 1/04** ( 2006.01 )  
**G01N 35/00** ( 2006.01 )  
 (87) WO2023/285519  
 (31) 17/374,265 (32) 13.07.21 (33) US  
 (43) 19.01.2023  
 (72) THOMAS, David Robert; MEGHEN, Ciaran; PETERS, Gregory Alan; DOUGLAS, Amy Johanna; GALBRAITH, Robert; WATSON, Ryan Michael  
 (74) Spruson & Ferguson
- 
- (71) IKAROVEC LIMITED  
 (11) AU-A-2022294194  
 (21) 2022294194 (22) 17.06.2022  
 (54) RETINAL DISORDERS  
 (51) Int. Cl.  
**C07K 14/71** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
 (87) WO2022/263844  
 (31) 2108760.6 (32) 18.06.21 (33) GB  
 2204234.5 25.03.22 GB  
 (43) 22.12.2022  
 (72) WIDDOWSON, Peter; BINLEY, Katie  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) IKAROVEC LIMITED  
 (11) AU-A-2022295135  
 (21) 2022295135 (22) 17.06.2022  
 (54) RETINAL DISORDERS  
 (51) Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**C07K 14/81** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
 (87) WO2022/263841  
 (31) 2108759.8 (32) 18.06.21 (33) GB  
 2204231.1 25.03.22 GB  
 (43) 22.12.2022  
 (72) WIDDOWSON, Peter; BINLEY, Katie  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ILLINOIS TOOL WORKS INC.  
 (11) AU-A-2022300979  
 (21) 2022300979 (22) 30.06.2022

PCT applications which have entered the National Phase - Name Index cont'd

- (54) AUTOMOTIVE GRAPHENE SURFACE TREATMENT COMPOSITION AND PROCESS FOR USE THEREOF
- (51) Int. Cl.  
**C09D 5/02** ( 2006.01 )  
**C09D 7/61** ( 2018.01 )  
**C09D 183/00** ( 2006.01 )  
**C09D 183/06** ( 2006.01 )  
**C09G 1/04** ( 2006.01 )
- (87) WO2023/278706
- (31) 63/217,345 (32) 01.07.21 (33) US  
 17/854,608 30.06.22 US
- (43) 05.01.2023
- (72) HUANG, Tsao-Chin, Clarence; ESCOTO, John, Isidoro
- (74) Davies Collison Cave Pty Ltd
- 
- (71) ILLINOIS TOOL WORKS INC.  
 (11) AU-A-2022303332  
 (21) 2022303332 (22) 01.07.2022
- (54) SOLVENT BASED AUTOMOTIVE GRAPHENE SURFACE TREATMENT- AND PROCESS FOR USE THEREOF
- (51) Int. Cl.  
**C08K 3/04** ( 2006.01 )  
**C09D 183/04** ( 2006.01 )
- (87) WO2023/278813
- (31) 63/217,365 (32) 01.07.21 (33) US  
 17/855,834 01.07.22 US
- (43) 05.01.2023
- (72) HUANG, Tsao-Chin Clarence; ESCOTO, JR., John Isidoro
- (74) Davies Collison Cave Pty Ltd
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2022296802  
 (21) 2022296802 (22) 24.06.2022
- (54) LINEAR FOURIER FIDUCIAL
- (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )
- (87) WO2022/269033
- (31) 63/215,152 (32) 25.06.21 (33) US  
 63/216,898 30.06.21 US  
 17/592,895 04.02.22 US
- (43) 29.12.2022
- (72) NAREID, Helge
- (74) WRAYS PTY LTD
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2022297521  
 (21) 2022297521 (22) 23.06.2022
- (54) METHODS AND COMPOSITIONS FOR COMBINATORIAL INDEXING OF BEAD-BASED NUCLEIC ACIDS
- (51) Int. Cl.  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6834** ( 2018.01 )  
**G01N 33/543** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/6816** ( 2018.01 )
- (87) WO2022/271954
- (31) 63/214,693 (32) 24.06.21 (33) US  
 (43) 29.12.2022
- (72) MANZO, Andrea; BROWN, Colin; NORBERG, Steven; HARRINGTON, Timothy
- (74) Spruson & Ferguson
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2022331421  
 (21) 2022331421 (22) 16.08.2022
- (54) METHODS AND COMPOSITIONS FOR IDENTIFYING METHYLATED CYTOSINES
- (51) Int. Cl.  
**C12Q 1/6806** ( 2018.01 )  
**C07C 245/00** ( 2006.01 )  
**C12Q 1/6869** ( 2018.01 )
- (87) WO2023/023500
- (31) 63/234,183 (32) 17.08.21 (33) US  
 (43) 23.02.2023
- (72) BROWN, Colin; LIU, Xiaohai; WU, Xiaolin; BRUSTAD, Eric; SHULTZBERGER, Sarah E.
- (74) Spruson & Ferguson
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2022333075  
 (21) 2022333075 (22) 23.08.2022
- (54) METHODS AND COMPOSITIONS FOR DETECTING GENOMIC METHYLATION
- (51) Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C12P 19/34** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6827** ( 2018.01 )  
**C12Q 1/6855** ( 2018.01 )
- (87) WO2023/028478
- (31) 63/237,297 (32) 26.08.21 (33) US  
 (43) 02.03.2023
- (72) DESANTIS, Grace; KENNEDY, Andrew; STEEMERS, Frank J.
- (74) Spruson & Ferguson
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2023208743  
 (21) 2023208743 (22) 18.01.2023
- (54) METHODS OF DETECTING METHYL-CYTOSINE AND HYDROXYMETHYL-CYTOSINE BY SEQUENCING
- (51) Int. Cl.  
**C12Q 1/6806** ( 2018.01 )
- (87) WO2023/141154
- (31) 63/301,370 (32) 20.01.22 (33) US  
 (43) 27.07.2023
- (72) WU, Xiaolin; FRANCAIS, Antoine; LIU, Xiaohai
- (74) Spruson & Ferguson
- 
- (71) ILLUMINA, INC.  
 (11) AU-A-2023248405  
 (21) 2023248405 (22) 07.04.2023
- (54) ALTERED CYTIDINE DEAMINASES AND METHODS OF USE
- (51) Int. Cl.  
**C12N 9/78** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )
- (87) WO2023/196572
- (31) 63/328,444 (32) 07.04.22 (33) US  
 63/350,068 08.06.22 US
- (43) 12.10.2023
- (72) TOH, Dewei Joel; BEH, Leslie Yee Ming; TAN, Shu Ting; TRACZYK, Anna; NIRANTAR, Saurabh; BRUSTAD, Eric; GHOMI, Hamed Tabatabaei; FAHMI, Zahra; RAVICHANDRAPRABHU, Lekha; BROWN, Colin; BUSBY, Kayla; GROSS, Stephen; KARADEEMA, Rebekah; LAM, Huy; MATHONET, Pascale; SHULTZBERGER, Sarah E.; TZ-ENG, Kathleen; YUNGHANS, Allison Kathleen
- (74) RNB IP PTY LTD
- 
- (71) IMMUNOSIS PTY LTD  
 (11) AU-A-2022325908  
 (21) 2022325908 (22) 11.08.2022
- (54) METHODS FOR DETERMINING SECONDARY IMMUNODEFICIENCY
- (51) Int. Cl.  
**C12Q 1/6827** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**G06N 20/00** ( 2019.01 )  
**G16H 10/00** ( 2018.01 )  
**G16H 50/50** ( 2018.01 )
- (87) WO2023/015353
- (31) 2021902493 (32) 11.08.21 (33) AU  
 (43) 16.02.2023
- (72) GREEN, Simon; COCKS, Benjamin; GAIL, Emma
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) IMS TRADING, LLC  
 (11) AU-A-2022314801  
 (21) 2022314801 (22) 21.07.2022
- (54) CORN COB PET CHEW
- (51) Int. Cl.  
**A23K 10/30** ( 2016.01 )  
**A23K 10/26** ( 2016.01 )  
**A23K 50/42** ( 2016.01 )
- (87) WO2023/004388
- (31) 63/203,420 (32) 22.07.21 (33) US  
 (43) 26.01.2023
- (72) AXELROD, Glen S.; GAJRIA, Ajay
- (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) INNOMOTICS GMBH  
 (11) AU-A-2021456362  
 (21) 2021456362 (22) 16.07.2021
- (54) CELL BASED MULTILEVEL CONVERTER WITH MULTIPLE OPERATING MODES AND ASSOCIATED CONTROL METHOD
- (51) Int. Cl.  
**H02M 1/00** ( 2007.01 )  
**H02M 7/483** ( 2007.01 )  
**H02M 7/487** ( 2007.01 )  
**H02M 7/49** ( 2007.01 )
- (87) WO2023/287424
- (43) 19.01.2023
- (72) MIHALACHE, Liviu
- (74) Spruson & Ferguson
- 
- (71) INNOVSTONE THERAPEUTICS LIMITED  
 (11) AU-A-2022271927  
 (21) 2022271927 (22) 12.05.2022
- (54) COMPOUND HAVING ANTI-TUMOR ACTIVITY AND USE THEREOF
- (51) Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- C07D 401/14** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 217/00** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**(87)** WO2022/237858  
**(31)** 202110521548.0 **(32)** 13.05.21 **(33)** CN  
**(43)** 17.11.2022  
**(72)** SONG, Yunlong; XU, Wenqing; KOU, Hongyan; MU, Yongzhao; DANG, Qun; LI, Pan; YIN, Zhou; MA, Jianbin; FU, Xiaodan; CAI, Xin; LI, Yan  
**(74)** Churchill Attorneys
- 
- (71)** INSTITUTE OF MATERIA  
MEDICA ,CHINESE ACADEMY OF  
MEDICAL SCIENCES  
**(11)** AU-A-2022289203  
**(21)** 2022289203 **(22)** 10.06.2022  
**(54)** PYRROLE ACYL PIPERYLHY-  
DRAZINE COMPOUND AND USE  
THEREOF  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/54** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**(87)** WO2022/258038  
**(31)** 202110656714.8 **(32)** 11.06.21 **(33)** CN  
**(43)** 15.12.2022  
**(72)** WU, Song; ZHANG, Wenxuan; ZHAO, Xintong; YANG, Qingyun; FENG, Jing; ZHANG, Jie; ZHANG, Chi; HAN, Zunsheng; LI, Tianlei; XIA, Jie; ZHANG, Kun; LIU, Bo; SHAO, Huihui; WANG, Yue; HU, Yuhua; LUO, Xinyu; ZHANG, Hanyilan; LIAN, Xu; ZHU, Zihao  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** INTEGRA MISSION CRITICAL, LLC  
**(11)** AU-A-2022296694  
**(21)** 2022296694 **(22)** 22.06.2022  
**(54)** SYSTEMS AND METHODS FOR  
COOLING IN POWER DISTRIBUTION  
CENTERS  
**(51)** Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**H02J 1/04** ( 2006.01 )  
**H05K 7/18** ( 2006.01 )  
**H02J 9/00** ( 2006.01 )  
**H02J 9/06** ( 2006.01 )  
**(87)** WO2022/272273  
**(31)** 63/213,416 **(32)** 22.06.21 **(33)** US  
17/845,845 21.06.22 US  
**(43)** 29.12.2022  
**(72)** NEUMAN, Thomas; KOLAR, John; MACNEILL, Gregory; MUSILLI, JR., John A.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** INTEGRATED PLASTICS PTY LIMITED  
**(11)** AU-A-2022274706  
**(21)** 2022274706 **(22)** 12.05.2022  
**(54)** CONTINUOUS STRETCH BLOW  
MOULDING SYSTEM APPLIED TO  
SPECIFIED INTEGRAL HANDLE PET  
PREFORM AND CONTAINER STRUCTURES
- (51)** Int. Cl.  
**B29B 11/08** ( 2006.01 )  
**B29B 11/14** ( 2006.01 )  
**B29C 49/00** ( 2006.01 )  
**B29C 49/08** ( 2006.01 )  
**B29C 49/28** ( 2006.01 )  
**B29C 49/42** ( 2006.01 )  
**B29C 49/48** ( 2006.01 )  
**B29C 49/64** ( 2006.01 )  
**B29K 67/00** ( 2006.01 )  
**B29L 23/00** ( 2006.01 )  
**B29L 31/00** ( 2006.01 )  
**(87)** WO2022/236375  
**(31)** 2021901404 **(32)** 12.05.21 **(33)** AU  
2021901405 12.05.21 AU  
2021901414 12.05.21 AU  
2021903599 10.11.21 AU  
PCT/ 28.03.22 AU  
AU2022/050280  
**(43)** 17.11.2022  
**(72)** MELLEEN, Nick  
**(74)** Wallington-Dummer
- 
- (71)** INTERDIGITAL PATENT HOLDINGS, INC.  
**(11)** AU-A-2022289708  
**(21)** 2022289708 **(22)** 07.06.2022  
**(54)** ENHANCED CHANNEL SOUNDING  
REPORTS FOR WLAN SYSTEMS  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04B 17/309** ( 2015.01 )  
**H04L 25/02** ( 2006.01 )  
**(87)** WO2022/261104  
**(31)** 63/197,796 **(32)** 07.06.21 **(33)** US  
63/218,764 06.07.21 US  
63/223,724 20.07.21 US  
63/279,487 15.11.21 US  
**(43)** 15.12.2022  
**(72)** LIN, Zinan; LOU, Hanqing; SAAD, Mahmoud; WANG, Xiaofei; YANG, Rui  
**(74)** Spruson & Ferguson
- 
- (71)** INVENTIO AG  
**(11)** AU-A-2022292024  
**(21)** 2022292024 **(22)** 01.06.2022  
**(54)** PEOPLE-TRANSPORTING SYSTEM  
HAVING A GUIDE MEANS IN THE  
ENTRY REGIONS  
**(51)** Int. Cl.  
**B66B 31/00** ( 2006.01 )  
**B66B 23/00** ( 2006.01 )  
**B66B 29/08** ( 2006.01 )  
**(87)** WO2022/263170  
**(31)** 21179815.2 **(32)** 16.06.21 **(33)** EP  
**(43)** 22.12.2022  
**(72)** WAGENLEITNER, Georg; GÖRCS, Stefan; KLEWEIN, Gerhard  
**(74)** Griffith Hack
- 
- (71)** IONCTURA SA  
**(11)** AU-A-2022290378  
**(21)** 2022290378 **(22)** 08.06.2022  
**(54)** AUTOTAXIN (ATX) INHIBITOR FOR  
THE TREATMENT OF PANCREATIC  
CANCER  
**(51)** Int. Cl.  
**A61K 31/337** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )
- A61K 31/444** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2022/258693  
**(31)** 2108245.8 **(32)** 09.06.21 **(33)** GB  
**(43)** 15.12.2022  
**(72)** JOHNSON, Zoë; DEKEN, Marcel; LAHN, Michael; MELISI, Davide  
**(74)** FB Rice Pty Ltd
- 
- (71)** IONTRA INC  
**(11)** AU-A-2022301001  
**(21)** 2022301001 **(22)** 01.07.2022  
**(54)** SYSTEMS AND METHODS FOR IMPEDANCE MEASUREMENT OF A BATTERY CELL  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**(87)** WO2023/278861  
**(31)** 63/217,660 **(32)** 01.07.21 **(33)** US  
**(43)** 05.01.2023  
**(72)** KONOPKA, Daniel A.; HOWLETT III, John Richard  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** IPG PHOTONICS CORPORATION  
**(11)** AU-A-2022293580  
**(21)** 2022293580 **(22)** 20.06.2022  
**(54)** MATERIAL PROCESSING FUNCTIONALITY IN HANDHELD LASER SYSTEM  
**(51)** Int. Cl.  
**B23K 26/14** ( 2014.01 )  
**B23K 26/21** ( 2014.01 )  
**B23K 26/34** ( 2014.01 )  
**B23K 26/354** ( 2014.01 )  
**B23K 26/70** ( 2014.01 )  
**(87)** WO2022/266534  
**(31)** 63/212,290 **(32)** 18.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** LY, Nam; MARKUSHOV, Lurii; GRAPOV, Yuri; MONVELDT, Sergey; NOVIKOV, Sergei  
**(74)** RnB IP Pty Ltd
- 
- (71)** IPG PHOTONICS CORPORATION  
**(11)** AU-A-2022294104  
**(21)** 2022294104 **(22)** 20.06.2022  
**(54)** CLEANING FUNCTIONALITY IN HANDHELD LASER SYSTEM  
**(51)** Int. Cl.  
**B08B 7/00** ( 2006.01 )  
**B05B 15/50** ( 2018.01 )  
**(87)** WO2022/266530  
**(31)** 63/212,280 **(32)** 18.06.21 **(33)** US  
63/242,175 09.09.21 US  
**(43)** 22.12.2022  
**(72)** MARKUSHOV, Lurii; GRAPOV, Yuri; LY, Nam; NOVIKOV, Sergei  
**(74)** RnB IP Pty Ltd
- 
- (71)** ISOBIONICS B.V.  
**(11)** AU-A-2022307419  
**(21)** 2022307419 **(22)** 30.06.2022

PCT applications which have entered the National Phase - Name Index cont'd

- (54) RECOMBINANT MANUFACTURE OF C-20 TERPENOID ALCOHOLS  
 PCT/ 17.06.21 CN MAN, Kathryn Elizabeth; PIETSCH, Eva Christine; PHILIPPAR, Ulrike;
- (51) Int. Cl. PCT/ 11.04.22 CN VERHULST, Tinne Ann J; BHOGAL, Balpreet; SUN, Yu; CAI, Wei; DAI, Xuedong; QUEROLLE, Olivier Alexis Georges; THURING, Johannes Wilhelmus J.; LIU, Yingtao; LIU, Lianzhu; XU, Yanping; FU, Liqiang; LI, Ming; FANG, Lichao; DENG, Xiangjun; NG, Alicia Tee Fuay; DARVILLE, Nicolas Freddy J; PANDE, Vineet  
**(74)** Spruson & Ferguson
- (54) WO2023/280677  
 (31) 21184067.3 (32) 06.07.21 (33) EP  
 (43) 12.01.2023  
 (72) BEEKWILDER, Martinus Julius; STYLES, Matthew Quinn; BOSCH, Hendrik Jan; VOS, Aurin Minnert; VAN HOUWELINGEN, Adele Margaretha Maria Liduina  
**(74)** Griffith Hack
- (71) ISP INVESTMENTS LLC  
 (11) AU-A-2022295962  
 (21) 2022295962 (22) 15.06.2022  
 (54) SUSPENDING POLYMER COMPOSITION AND METHOD OF USE THERE-OF  
 (51) Int. Cl.  
**A61Q 5/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**C11D 3/22** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
 (87) WO2022/266161  
 (31) 63/211,201 (32) 16.06.21 (33) US  
 (43) 22.12.2022  
 (72) KROON, Gijbert; NUUTINEN, Tuttu Maria; FEIJ, Eric-Jan de  
**(74)** Spruson & Ferguson
- (71) JANSSEN BIOTECH, INC.  
 (11) AU-A-2022273326  
 (21) 2022273326 (22) 11.05.2022  
 (54) METHODS AND COMPOSITIONS FOR MONITORING THE TREATMENT OF RELAPSED AND/OR REFRACTORY MULTIPLE MYELOMA  
 (51) Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (87) WO2022/241430  
 (31) 63/187,344 (32) 11.05.21 (33) US  
 (43) 17.11.2022  
 (72) PILLARISSETTI, Kodandaram; GIRGIS, Suzette; GOLDBERG, Jenna; WANG LIN, Shun, Xin  
**(74)** Spruson & Ferguson
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022271993  
 (21) 2022271993 (22) 09.05.2022  
 (54) COMBINATION THERAPIES  
 (51) Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2022/237719  
 (31) PCT/ (32) 11.05.21 (33) CN  
 CN2021/093036  
 PCT/ 17.06.21 CN  
 CN2021/100522
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022272692  
 (21) 2022272692 (22) 06.05.2022  
 (54) SUBSTITUTED SPIRO DERIVATIVES  
 (51) Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
 (87) WO2022/237626  
 (31) PCT/ (32) 08.05.21 (33) CN  
 CN2021/092256  
 (43) 17.11.2022  
 (72) QUEROLLE, Olivier Alexis Georges; DAI, Xuedong; CAI, Wei; THURING, Johannes Wilhelmus J.; FANG, Lichao; LI, Ming; LIU, Lianzhu; LIU, Yingtao; QIN, Luoheng; WU, Jianping; XU, Yanping; ANGIBAUD, Patrick René; COLOMBEL, Hélène France Solange; PILATTE, Isabelle Noëlle Constance; PONCELET, Virginie Sophie; KRAMER, Carsten Sven; PANDE, Vineet  
**(74)** Spruson & Ferguson
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022274071  
 (21) 2022274071 (22) 09.05.2022  
 (54) COMBINATION THERAPIES  
 (51) Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2022/237720  
 (31) PCT/ (32) 11.05.21 (33) CN  
 CN2021/093036  
 PCT/ 17.06.21 CN  
 CN2021/100523  
 PCT/ 11.04.22 CN  
 CN2022/086004  
 (43) 17.11.2022  
 (72) DASKALAKIS, Nikki; GUTTKE, Christina Diane; KWON, Min Chul; FERRANTE, Lucille Angela; PACK-
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022275192  
 (21) 2022275192 (22) 06.05.2022  
 (54) SUBSTITUTED SPIRO DERIVATIVES  
 (51) Int. Cl.  
**C07D 487/10** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 491/04** ( 2006.01 )  
**C07D 491/08** ( 2006.01 )  
**C07D 491/10** ( 2006.01 )  
**C07D 495/10** ( 2006.01 )  
**C07D 498/10** ( 2006.01 )  
 (87) WO2022/237627  
 (31) PCT/ (32) 08.05.21 (33) CN  
 CN2021/092257  
 (43) 17.11.2022  
 (72) QUEROLLE, Olivier Alexis Georges; DAI, Xuedong; CAI, Wei; THURING, Johannes Wilhelmus J.; FANG, Lichao; LI, Ming; LIU, Lianzhu; LIU, Yingtao; QIN, Luoheng; WU, Jianping; XU, Yanping; ANGIBAUD, Patrick René; COLOMBEL, Hélène France Solange; PILATTE, Isabelle Noëlle Constance; PONCELET, Virginie Sophie; KRAMER, Carsten Sven; PANDE, Vineet; DENG, Xiangjun  
**(74)** Spruson & Ferguson
- (71) KIMBERLY-CLARK WORLDWIDE, INC.  
 (11) AU-A-2021445582  
 (21) 2021445582 (22) 14.05.2021  
 (54) FLEXIBLE POLYMER PACKAGING WITH INCREASED RIGIDITY  
 (51) Int. Cl.  
**A47K 10/32** ( 2006.01 )  
**B65D 83/08** ( 2006.01 )  
 (87) WO2022/240417  
 (43) 17.11.2022  
 (72) HOKANSON, Brandon M.; KRUEGER, Nicholas D.  
**(74)** Spruson & Ferguson
- (71) KIMBERLY-CLARK WORLDWIDE, INC.  
 (11) AU-A-2021447046  
 (21) 2021447046 (22) 26.05.2021  
 (54) FILMS AND METHODS FOR CUTTING OR PERFORATING A WEB WITH A LASER  
 (51) Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- A61F 13/53** ( 2006.01 )  
**A61L 15/60** ( 2006.01 )  
**B23K 26/00** ( 2014.01 )  
**B26D 7/14** ( 2006.01 )  
**B26F 1/31** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**(87)** WO2022/250661  
**(43)** 01.12.2022  
**(72)** ZHOU, Peiguang; THOMPSON, Wade R.; KAUL, Vikram  
**(74)** Spruson & Ferguson
- 
- (71)** KIMBERLY-CLARK WORLDWIDE, INC.  
**(11)** AU-A-2021447435  
**(21)** 2021447435 **(22)** 28.05.2021  
**(54)** OPTIMIZATION OF A HALOPHILIC PHB DEPOLYMERASE FOR INDUSTRIAL APPLICATIONS  
**(51)** Int. Cl.  
**C12N 9/18** ( 2006.01 )  
**B09B 3/00** ( 2022.01 )  
**(87)** WO2022/250694  
**(43)** 01.12.2022  
**(72)** QUIRK, Stephen  
**(74)** Spruson & Ferguson
- 
- (71)** KIMBERLY-CLARK WORLDWIDE, INC.  
**(11)** AU-A-2022280785  
**(21)** 2022280785 **(22)** 24.05.2022  
**(54)** METHODS AND SYSTEMS FOR SINGLE-STEP DECONTAMINATION AND ENZYMATIC DEGRADATION OF BIO-BASED POLYMERS  
**(51)** Int. Cl.  
**C08J 11/10** ( 2006.01 )  
**C12N 9/18** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**(87)** WO2022/251209  
**(31)** 63/194,487 **(32)** 28.05.21 **(33)** US  
**(43)** 01.12.2022  
**(72)** QUIRK, Stephen; KOENIG, David W.  
**(74)** Spruson & Ferguson
- 
- (71)** KIMURA, K.  
**(11)** AU-A-2022292324  
**(21)** 2022292324 **(22)** 14.06.2022  
**(54)** VIDEO-FORMING DEVICE AND VIDEO-FORMING METHOD  
**(51)** Int. Cl.  
**G01N 22/02** ( 2006.01 )  
**A61B 5/0507** ( 2021.01 )  
**G01N 21/17** ( 2006.01 )  
**G01N 21/3581** ( 2014.01 )  
**G01N 22/00** ( 2006.01 )  
**G01S 13/89** ( 2006.01 )  
**G03B 42/00** ( 2021.01 )  
**G03B 42/06** ( 2021.01 )  
**(87)** WO2022/265017  
**(31)** 2021-100909 **(32)** 17.06.21 **(33)** JP  
**(43)** 22.12.2022  
**(72)** KIMURA, Kenjiro; KIMURA, Noriaki; KIMURA, Fumitoshi  
**(74)** Griffith Hack
- 
- (71)** KONINKLIJKE DOUWE EGBERTS B.V.  
**(11)** AU-A-2022292084  
**(21)** 2022292084 **(22)** 14.06.2022  
**(54)** A METHOD FOR THE MANUFACTURE OF A FOAMING COFFEE POWDER AND COFFEE POWDER RESULTING THEREFROM  
**(51)** Int. Cl.  
**A23F 5/32** ( 2006.01 )  
**A23F 5/28** ( 2006.01 )  
**(87)** WO2022/263470  
**(31)** 2108784.6 **(32)** 18.06.21 **(33)** GB  
**(43)** 22.12.2022  
**(72)** CORROCHANO, Borja Roman; HENSON, Sian; DUHIG, Cameron  
**(74)** Griffith Hack
- 
- (71)** KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; UBIX THERAPEUTICS, INC.  
**(11)** AU-A-2022297176  
**(21)** 2022297176 **(22)** 24.06.2022  
**(54)** NOVEL BIFUNCTIONAL HETEROCYCLIC COMPOUND HAVING BTK DEGRADATION FUNCTION VIA UBIQUITIN PROTEASOME PATHWAY, AND USE THEREOF  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2022/270994  
**(31)** 10-2021-0083326 **(32)** 25.06.21 **(33)** KR  
 10-2022-0077174 23.06.22 KR  
**(43)** 29.12.2022  
**(72)** KIM, Pil Ho; CHO, Sung Yun; HA, Jae Du; PARK, Chi Hoon; HWANG, Jong Yeon; KIM, Hyun Jin; LEE, Song Hee; LIM, Ye Seul; KIM, Han Wool; YOO, Sun Mi; SUH, Beom Seon; PARK, Ji Youn; RYU, Je Ho; AHN, Jung Min; MOON, Hee Jung; LEE, Ho Hyun  
**(74)** Collison & Co
- 
- (71)** KRAFT FOODS GROUP BRANDS LLC  
**(11)** AU-A-2022291391  
**(21)** 2022291391 **(22)** 10.06.2022  
**(54)** PLANT-BASED CREAM CHEESE PRODUCT AND METHOD OF MAKING A PLANT-BASED CREAM CHEESE PRODUCT  
**(51)** Int. Cl.  
**A23C 20/00** ( 2006.01 )  
**A23C 19/076** ( 2006.01 )  
**A23C 19/09** ( 2006.01 )  
**A23C 20/02** ( 2021.01 )  
**A23D 9/00** ( 2006.01 )  
**A23J 3/16** ( 2006.01 )  
**(87)** WO2022/261450  
**(31)** 63/209,838 **(32)** 11.06.21 **(33)** US  
**(43)** 15.12.2022  
**(72)** GORIS, Madeline Erickson; MCPHERSON, Andrew E.; SAKURAI, Jennifer; THYEN, Andrea  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** KYMAB LIMITED  
**(11)** AU-A-2022276349  
**(21)** 2022276349 **(22)** 18.05.2022  
**(54)** USES OF ANTI-ICOS ANTIBODIES  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2022/243378  
**(31)** 63/190,016 **(32)** 18.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** SAINSON, Richard Charles Alfred; HOLMES, Rosalind  
**(74)** Griffith Hack
- 
- (71)** LACTIGA, INC.  
**(11)** AU-A-2022278041  
**(21)** 2022278041 **(22)** 20.05.2022  
**(54)** POLYCLONAL ANTIBODIES TO TREAT RESPIRATORY SYNCYTIAL VIRUS  
**(51)** Int. Cl.  
**A61K 39/42** ( 2006.01 )  
**A61K 9/72** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07K 16/04** ( 2006.01 )  
**C07K 16/10** ( 2006.01 )  
**(87)** WO2022/243979  
**(31)** 63/190,893 **(32)** 20.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** MANE, Viraj; MEHTA, Rikin  
**(74)** LAMINAR IP PTY LTD
- 
- (71)** LAMB WESTON, INC.  
**(11)** AU-A-2022278542  
**(21)** 2022278542 **(22)** 13.05.2022  
**(54)** GLUTEN-FREE FLEXIBLE VEGETABLE HASH-BASED FOOD PRODUCT  
**(51)** Int. Cl.  
**A23L 7/10** ( 2016.01 )  
**A23D 9/00** ( 2006.01 )  
**A23L 3/365** ( 2006.01 )  
**A23L 19/10** ( 2016.01 )  
**A23L 19/12** ( 2016.01 )  
**A23L 29/212** ( 2016.01 )  
**A23L 29/269** ( 2016.01 )  
**(87)** WO2022/245662  
**(31)** 63/189,365 **(32)** 17.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** BERMUDEZ-AGUIRRE, Luz, Daniela  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** LANDIS+GYR TECHNOLOGY, INC.  
**(11)** AU-A-2022302965  
**(21)** 2022302965 **(22)** 06.06.2022  
**(54)** SERVICE LOCATION ANOMALIES  
**(51)** Int. Cl.  
**H02J 3/00** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**(87)** WO2023/278102  
**(31)** 63/216,375 **(32)** 29.06.21 **(33)** US  
 17/732,788 29.04.22 US  
**(43)** 05.01.2023  
**(72)** GARZA, Carlos Iga  
**(74)** Davies Collison Cave Pty Ltd



PCT applications which have entered the National Phase - Name Index cont'd

- (71) LAWRENCE LIVERMORE NATIONAL SECURITY, LLC; THE PENN STATE RESEARCH FOUNDATION  
(11) AU-A-2022293684  
(21) 2022293684 (22) 14.06.2022  
(54) COMPOSITIONS COMPRISING PROTEINS AND METHODS OF USE THEREOF FOR RARE EARTH ELEMENT SEPARATION  
(51) Int. Cl.  
C22B 59/00 (2006.01)  
C22B 3/44 (2006.01)  
C22C 28/00 (2006.01)  
(87) WO2022/266120  
(31) 63/210,311 (32) 14.06.21 (33) US  
(43) 22.12.2022  
(72) PARK, Dan Mcfarland; DEBLONDE, Gauthier; DONG, Ziyi; JIAO, Yongqin; MATTOCKS, Joseph Anthony; CO-TRUVO, Joseph Alfred  
(74) Spruson & Ferguson
- 
- (71) LDN PHARMA LIMITED  
(11) AU-A-2022296903  
(21) 2022296903 (22) 23.06.2022  
(54) TREATMENT FOR AUTOIMMUNE DISEASES  
(51) Int. Cl.  
A61K 31/485 (2006.01)  
A61K 31/05 (2006.01)  
A61K 31/4045 (2006.01)  
A61K 31/593 (2006.01)  
A61K 45/06 (2006.01)  
A61P 37/00 (2006.01)  
(87) WO2022/269267  
(31) 2109021.2 (32) 23.06.21 (33) GB  
(43) 29.12.2022  
(72) LIU, Wai; THOMPSON, Ian; HOOD, Francis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LDN PHARMA LIMITED  
(11) AU-A-2022297794  
(21) 2022297794 (22) 23.06.2022  
(54) NALTREXONE FOR BOOSTING THE THERAPEUTIC UTILITY OF 5-HT RECEPTOR AGONISTS  
(51) Int. Cl.  
A61K 9/20 (2006.01)  
A61K 31/485 (2006.01)  
A61K 31/593 (2006.01)  
A61K 45/06 (2006.01)  
A61P 1/00 (2006.01)  
A61P 25/28 (2006.01)  
A61P 37/00 (2006.01)  
(87) WO2022/269264  
(31) 2109018.8 (32) 23.06.21 (33) GB  
(43) 29.12.2022  
(72) LIU, Wai; THOMPSON, Ian; HOOD, Francis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LDN PHARMA LIMITED  
(11) AU-A-2022299464  
(21) 2022299464 (22) 23.06.2022  
(54) NALTREXONE FOR IMPROVING THE EFFECTIVENESS OF 5-HT RECEPTOR SUBTYPE 2A, 2B OR 2C AGONISTS  
(51) Int. Cl.  
A61K 31/485 (2006.01)  
A61K 31/135 (2006.01)  
A61K 31/36 (2006.01)  
A61K 31/48 (2006.01)  
A61K 31/675 (2006.01)  
A61K 45/06 (2006.01)  
A61P 25/28 (2006.01)  
(87) WO2022/269266  
(31) 2109022.0 (32) 23.06.21 (33) GB  
(43) 29.12.2022  
(72) LIU, Wai; THOMPSON, Ian; HOOD, Francis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LDN PHARMA LIMITED  
(11) AU-A-2022299608  
(21) 2022299608 (22) 23.06.2022  
(54) COMPOSITIONS COMPRISING AN AGONIST OF 5-HYDROXYTRYPTAMINE (5-HT) RECEPTOR SUBTYPE 3  
(51) Int. Cl.  
A61K 31/485 (2006.01)  
A61K 31/4045 (2006.01)  
A61K 31/48 (2006.01)  
A61K 31/55 (2006.01)  
A61K 31/675 (2006.01)  
A61K 45/06 (2006.01)  
A61P 25/26 (2006.01)  
A61P 25/28 (2006.01)  
(87) WO2022/269265  
(31) 2109023.8 (32) 23.06.21 (33) GB  
(43) 29.12.2022  
(72) LIU, Wai; THOMPSON, Ian; HOOD, Francis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LENOVO (SINGAPORE) PTE. LTD.  
(11) AU-A-2021456833  
(21) 2021456833 (22) 24.08.2021  
(54) MODEL TRAINING USING FEDERATED LEARNING  
(51) Int. Cl.  
G06N 20/00 (2019.01)  
(87) WO2023/001393  
(31) 20210100488 (32) 20.07.21 (33) GR  
(43) 26.01.2023  
(72) KARAMPATIS, Dimitrios; VAISHNAVI, Ishan  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2022292414  
(21) 2022292414 (22) 17.06.2022  
(54) ORAL FORMULATION CONTAINING 1-(3-CYANO-1-ISOPROPYL-INDOL-5-YL)PYRAZOLE-4-CARBOXYLIC ACID  
(51) Int. Cl.  
A61K 9/20 (2006.01)  
A61K 31/4152 (2006.01)  
(87) WO2022/265442  
(31) 10-2021-0078801 (32) 17.06.21 (33) KR  
(43) 22.12.2022  
(72) YOO, Seok Cheol; JANG, Joomyung; KIM, Ree Sun; SEO, Jin A  
(74) Griffith Hack
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2022294728  
(21) 2022294728 (22) 15.06.2022  
(54) PHARMACEUTICAL COMPOSITION COMPRISING 1-(3-CYANO-1-ISOPROPYL-INDOL-5-YL)PYRAZOLE-4-CARBOXYLIC ACID  
(51) Int. Cl.  
A61K 31/4155 (2006.01)  
A61P 19/06 (2006.01)  
(87) WO2022/265378  
(31) 10-2021-0077709 (32) 15.06.21 (33) KR  
(43) 22.12.2022  
(72) LEE, Jieun; GWAK, Heemin; SHIN, Seong Hye; MIN, Ji Young; KIM, Min Hee; KIM, Junyu; SEO, Jung Youn; MUN, June Sik  
(74) Griffith Hack
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2022304491  
(21) 2022304491 (22) 01.07.2022  
(54) METHOD FOR PREPARING XANTHINE OXIDASE INHIBITOR  
(51) Int. Cl.  
C07D 403/04 (2006.01)  
A61K 31/4155 (2006.01)  
(87) WO2023/277660  
(31) 10-2021-0087049 (32) 02.07.21 (33) KR  
(43) 05.01.2023  
(72) LEE, Seok Ju; JEONG, Hui Rak; HAM, Jin Ok; SHIN, Doo Sup  
(74) FB Rice Pty Ltd
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023238190  
(21) 2023238190 (22) 27.02.2023  
(54) POLYLACTIDE RESIN COMPOSITION WITH EXCELLENT CRYSTALLINITY, AND PREPARATION METHOD THEREFOR  
(51) Int. Cl.  
C08K 5/00 (2006.01)  
C08K 5/11 (2006.01)  
C08K 5/3432 (2006.01)  
C08L 67/04 (2006.01)  
(87) WO2023/182686  
(31) 10-2022-0035552 (32) 22.03.22 (33) KR  
(43) 28.09.2023  
(72) CHO, Jeong Hun; AN, Yujin; SUNG, Minchang; OH, Wan Kyu  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2022300667  
(21) 2022300667 (22) 09.06.2022  
(54) INTERFACE AND LAUNDRY TREATING APPARATUS INCLUDING INTERFACE  
(51) Int. Cl.  
D06F 34/34 (2020.01)  
D06F 34/05 (2020.01)  
D06F 34/08 (2020.01)  
D06F 34/30 (2020.01)  
D06F 34/32 (2020.01)  
D06F 37/40 (2006.01)  
D06F 37/42 (2006.01)  
(87) WO2023/277379  
(31) 10-2021-0083903 (32) 28.06.21 (33) KR

PCT applications which have entered the National Phase - Name Index cont'd

(43) 05.01.2023  
 (72) LEE, Hyunseung; LEE, Kyuchul; JIN, Yulgi; KIM, Hansol  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022300672  
 (21) 2022300672 (22) 14.06.2022  
 (54) LAUNDRY TREATING APPARATUS  
 (51) Int. Cl.

*D06F 34/34* ( 2020.01 )  
*D06F 34/05* ( 2020.01 )  
*D06F 34/30* ( 2020.01 )  
*D06F 34/32* ( 2020.01 )

(87) WO2023/277398  
 (31) 10-2021-0084037 (32) 28.06.21 (33) KR  
 (43) 05.01.2023  
 (72) CHUNG, Sangin; JUNG, Hyemi; SEO, Kyunghye  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022302585

(21) 2022302585 (22) 09.06.2022  
 (54) INTERFACE AND CLOTHING TREATMENT APPARATUS EQUIPPED WITH INTERFACE

(51) Int. Cl.  
*D06F 34/34* ( 2020.01 )  
*D06F 34/05* ( 2020.01 )  
*D06F 34/08* ( 2020.01 )  
*D06F 34/30* ( 2020.01 )  
*D06F 34/32* ( 2020.01 )  
*D06F 37/42* ( 2006.01 )

(87) WO2023/277378  
 (31) 10-2021-0083902 (32) 28.06.21 (33) KR  
 (43) 05.01.2023  
 (72) LEE, Hyunseung; LEE, Kyuchul  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.

(11) AU-A-2022304418  
 (21) 2022304418 (22) 14.06.2022  
 (54) LAUNDRY TREATING APPARATUS  
 (51) Int. Cl.

*D06F 34/30* ( 2020.01 )  
*D06F 34/05* ( 2020.01 )  
*D06F 34/32* ( 2020.01 )  
*D06F 34/34* ( 2020.01 )

(87) WO2023/277402  
 (31) 10-2021-0084024 (32) 28.06.21 (33) KR  
 (43) 05.01.2023  
 (72) KIM, Jungchul; CHUNG, Sangin; JUNG, Eunsoo  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.

(11) AU-A-2022305403  
 (21) 2022305403 (22) 13.06.2022  
 (54) INTERFACE AND CLOTHES PROCESSING APPARATUS COMPRISING INTERFACE

(51) Int. Cl.  
*D06F 34/28* ( 2020.01 )  
*D06F 34/05* ( 2020.01 )  
*D06F 34/08* ( 2020.01 )  
*D06F 34/14* ( 2020.01 )

*D06F 34/30* ( 2020.01 )  
*D06F 34/32* ( 2020.01 )  
*D06F 34/34* ( 2020.01 )  
*D06F 58/32* ( 2020.01 )

(87) WO2023/277389  
 (31) 10-2021-0083904 (32) 28.06.21 (33) KR  
 (43) 05.01.2023  
 (72) LEE, Hyunseung; LEE, Kyuchul; JIN, Yulgi; SHIN, Joongil  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.

(11) AU-A-2022305405  
 (21) 2022305405 (22) 14.06.2022  
 (54) LAUNDRY PROCESSING APPARATUS

(51) Int. Cl.  
*D06F 39/02* ( 2006.01 )

(87) WO2023/277399  
 (31) 10-2021-0084019 (32) 28.06.21 (33) KR  
 (43) 05.01.2023  
 (72) JUNG, Sungwoon  
 (74) FB Rice Pty Ltd

(71) LG ENERGY SOLUTION, LTD.

(11) AU-A-2022360924  
 (21) 2022360924 (22) 16.09.2022  
 (54) BATTERY PACK WITH IMPROVED SAFETY

(51) Int. Cl.  
*H01M 50/375* ( 2021.01 )  
*H01M 50/211* ( 2021.01 )  
*H01M 50/249* ( 2021.01 )  
*H01M 50/251* ( 2021.01 )  
*H01M 50/358* ( 2021.01 )

(87) WO2023/058927  
 (31) 10-2021-0132742 (32) 06.10.21 (33) KR  
 (43) 13.04.2023  
 (72) JO, Sang-Hyun; KIM, Seung-Hyun; OH, Young-Hoo; OK, Seung-Min; CHO, Young-Bum; HONG, Sung-Goen  
 (74) FB Rice Pty Ltd

(71) LIFEEDIT THERAPEUTICS, INC.

(11) AU-A-2022290278  
 (21) 2022290278 (22) 10.06.2022  
 (54) RNA POLYMERASE III PROMOTERS AND METHODS OF USE

(51) Int. Cl.  
*C12N 9/22* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
*C12Q 1/6865* ( 2018.01 )

(87) WO2022/261394  
 (31) 63/209,660 (32) 11.06.21 (33) US  
 (43) 15.12.2022  
 (72) BOWEN, Tyson D.; CRAWLEY, Alexandra Briner; ELICH, Tedd D.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) LIFETIME PRODUCTS, INC.

(11) AU-A-2022295828  
 (21) 2022295828 (22) 13.06.2022  
 (54) LOCKING MECHANISM FOR A FOLDING TABLE

(51) Int. Cl.  
*A47B 3/083* ( 2006.01 )  
*A47B 3/087* ( 2006.01 )

(87) WO2022/266011  
 (31) 17/348,505 (32) 15.06.21 (33) US  
 (43) 22.12.2022  
 (72) OLSEN, Brian  
 (74) Griffith Hack

(71) LNT SOLUTIONS LIMITED; CONSUS ANT STATIONARY CUTTING SOLUTIONS GMBH

(11) AU-A-2022289139  
 (21) 2022289139 (22) 09.06.2022  
 (54) TRAIN AND METHOD OF CLEANING A RAILHEAD

(51) Int. Cl.  
*B24C 3/06* ( 2006.01 )  
*B08B 3/02* ( 2006.01 )  
*B24C 3/32* ( 2006.01 )  
*B24C 7/00* ( 2006.01 )  
*B24C 11/00* ( 2006.01 )  
*E01B 31/18* ( 2006.01 )  
*E01H 8/10* ( 2006.01 )

(87) WO2022/258973  
 (31) 2108336.5 (32) 10.06.21 (33) GB  
 2117743.1 08.12.21 GB  
 (43) 15.12.2022  
 (72) BALL, Tanya; LINDE, Marco  
 (74) Madderns Pty Ltd

(71) LOAM BIO PTY LTD

(11) AU-A-2022317557  
 (21) 2022317557 (22) 02.08.2022  
 (54) METHODS FOR THE REDUCTION OF METHANE PRODUCTION IN RUMINANTS  
 (51) Int. Cl.  
*A23K 10/18* ( 2016.01 )  
*A61K 36/062* ( 2006.01 )  
*C12N 9/08* ( 2006.01 )

(87) WO2023/009899  
 (31) 2021902354 (32) 30.07.21 (33) AU  
 (43) 02.02.2023

(72) CHAUDHURY, Abed; PACO, Karen; AYLIFFE, Michael Anthony; LOAN, Thomas David; LUO, Ming; YANG, Tristan

(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) LSI SOLUTIONS, INC.

(11) AU-A-2022297420  
 (21) 2022297420 (22) 21.06.2022  
 (54) SURGICAL INSTRUMENT GUIDE ASSEMBLY  
 (51) Int. Cl.  
*A61M 39/02* ( 2006.01 )  
*A61B 17/34* ( 2006.01 )

(87) WO2022/271691  
 (31) 63/278,549 (32) 12.11.21 (33) US  
 63/213,285 22.06.21 US  
 63/288,166 10.12.21 US

(43) 29.12.2022  
 (72) SAUER, Jude, S.  
 (74) Halfords IP

PCT applications which have entered the National Phase - Name Index cont'd

- (71) LUPIN ATLANTIS HOLDINGS SA  
(11) AU-A-2022288145  
(21) 2022288145 (22) 10.06.2022  
(54) EXTENDED-RELEASE COMPOSITIONS OF MEXILETINE FOR ORAL ADMINISTRATION  
(51) Int. Cl.  
A61K 31/138 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 9/14 ( 2006.01 )  
A61K 9/50 ( 2006.01 )  
A61K 47/02 ( 2006.01 )  
A61K 47/14 ( 2017.01 )  
A61K 47/26 ( 2006.01 )  
A61K 47/36 ( 2006.01 )  
A61K 47/38 ( 2006.01 )  
A61P 21/00 ( 2006.01 )  
(87) WO2022/258842  
(31) 202131026198 (32) 11.06.21 (33) IN  
(43) 15.12.2022  
(72) CHANDRAN, Sajeew; BANBALE, Hemant Bhaurao; JOSHI, Dipak Dattatray; BHAMARE, Shailesh; AVACHAT, Makarand Krishnakumar  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MARTINEZ FRANCO, F.J.  
(11) AU-A-2022277652  
(21) 2022277652 (22) 16.05.2022  
(54) MOVEMENT SYSTEM FOR A MOBILE ROOF  
(51) Int. Cl.  
E04B 7/16 ( 2006.01 )  
E04B 1/342 ( 2006.01 )  
E04F 10/04 ( 2006.01 )  
E04H 15/58 ( 2006.01 )  
(87) WO2022/243580  
(31) U-202100231 (32) 17.05.21 (33) ES  
(43) 24.11.2022  
(72) MARTINEZ FRANCO, Francisco Javier  
(74) Alder IP Pty Ltd
- 
- (71) MASCHINENFABRIK REINHAUSEN GMBH  
(11) AU-A-2022281895  
(21) 2022281895 (22) 09.05.2022  
(54) METHOD AND SYSTEM FOR OPERATING A CONTROL TRANSFORMER  
(51) Int. Cl.  
H02P 13/06 ( 2006.01 )  
H01F 29/02 ( 2006.01 )  
H02J 3/18 ( 2006.01 )  
(87) WO2022/248197  
(31) 10 2021 113 821.3 (32) 28.05.21 (33) DE  
(43) 01.12.2022  
(72) HAMMER, Christian; BIERINGER, Alfred; VIELHAUER, Armin  
(74) HENRY HUGHES IP LTD
- 
- (71) MASCULL, E.J.; MASCULL, R.T.  
(11) AU-A-2022286714  
(21) 2022286714 (22) 20.05.2022  
(54) LOCKING MECHANISM  
(51) Int. Cl.  
A61G 5/08 ( 2006.01 )  
A47C 7/40 ( 2006.01 )  
A47C 7/54 ( 2006.01 )  
A61G 5/10 ( 2006.01 )
- A61G 5/12 ( 2006.01 )  
E05D 3/06 ( 2006.01 )  
E05D 11/10 ( 2006.01 )  
(87) WO2022/254279  
(31) 2021901621 (32) 31.05.21 (33) AU  
(43) 08.12.2022  
(72) PATEL, Anil Raman; MEDICH, William Zachary; PLUMMER, Samuel Wallace  
(74) James & Wells Intellectual Property
- 
- (71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.  
(11) AU-A-2022292114  
(21) 2022292114 (22) 16.06.2022  
(54) SYNTHESIS OF VINYLATED HYDROXY ESTERS WITH APPLICABILITY IN SIGNAL ENHANCED MAGNETIC RESONANCE IMAGING  
(51) Int. Cl.  
C07C 69/68 ( 2006.01 )  
C07B 59/00 ( 2006.01 )  
C07C 67/307 ( 2006.01 )  
C07C 67/31 ( 2006.01 )  
C07C 201/12 ( 2006.01 )  
C07C 205/34 ( 2006.01 )  
C07C 271/22 ( 2006.01 )  
(87) WO2022/263620  
(31) 21180465.3 (32) 18.06.21 (33) EP  
(43) 22.12.2022  
(72) GLÖGGLER, Stefan; KORCHAK, Sergey; JATAP, Anil P.; SAUL, Philip; MOLL, Denis  
(74) Gestalt Law Pty Ltd
- 
- (71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.  
(11) AU-A-2022294057  
(21) 2022294057 (22) 16.06.2022  
(54) VINYLATED KETO ESTERS WITH APPLICABILITY IN SIGNAL ENHANCED MAGNETIC RESONANCE IMAGING AND SYNTHESIS THEREOF  
(51) Int. Cl.  
C07C 69/716 ( 2006.01 )  
C07B 59/00 ( 2006.01 )  
C07D 319/06 ( 2006.01 )  
(87) WO2022/263619  
(31) 21180463.8 (32) 18.06.21 (33) EP  
(43) 22.12.2022  
(72) GLÖGGLER, Stefan; KORCHAK, Sergey; JATAP, Anil P.; SAUL, Philip; MOLL, Denis  
(74) Gestalt Law Pty Ltd
- 
- (71) MAXWELL BIOSCIENCES, INC.  
(11) AU-A-2022311863  
(21) 2022311863 (22) 27.06.2022  
(54) SUBSTRATES MODIFIED WITH PEPTOID-LOADED MICROGELS FOR RESISTANCE TO BACTERIAL COLONIZATION  
(51) Int. Cl.  
A61L 27/34 ( 2006.01 )  
A01N 25/04 ( 2006.01 )  
A01N 25/10 ( 2006.01 )  
C07K 7/08 ( 2006.01 )  
C07K 7/50 ( 2006.01 )
- A61K 38/03 ( 2006.01 )  
A61K 38/12 ( 2006.01 )  
A61P 31/00 ( 2006.01 )  
(87) WO2023/287570  
(31) 63/214,782 (32) 25.06.21 (33) US  
(43) 19.01.2023  
(72) ZHAO, Wenhan; BARRON, Annelise; LIBERA, Matthew  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH  
(11) AU-A-2022277697  
(21) 2022277697 (22) 19.05.2022  
(54) SARS-COV-2 POLYPEPTIDES  
(51) Int. Cl.  
A61K 39/215 ( 2006.01 )  
A61K 39/39 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
C07K 14/165 ( 2006.01 )  
C12N 15/50 ( 2006.01 )  
(87) WO2022/246084  
(31) 63/190,964 (32) 20.05.21 (33) US  
63/341,771 13.05.22 US  
(43) 24.11.2022  
(72) POLAND, Gregory A.; OVSYANNIKOVA, Inna G.; KENNEDY, Richard B.  
(74) Spruson & Ferguson
- 
- (71) MAZEN ANIMAL HEALTH INC.  
(11) AU-A-2022287036  
(21) 2022287036 (22) 03.06.2022  
(54) ORAL ADMINISTRATION OF CORONAVIRUS SPIKE PROTEIN FOR ALTERING CYTOKINE LEVELS AND PROVIDING PASSIVE IMMUNITY TO NEWBORN PIGS  
(51) Int. Cl.  
A61K 38/16 ( 2006.01 )  
A61K 39/12 ( 2006.01 )  
A61K 39/39 ( 2006.01 )  
A61P 37/06 ( 2006.01 )  
C07K 14/005 ( 2006.01 )  
C12N 7/02 ( 2006.01 )  
C12N 15/82 ( 2006.01 )  
(87) WO2022/256695  
(31) 63/202,264 (32) 03.06.21 (33) US  
(43) 08.12.2022  
(72) HOWARD, John; FAKE, Gina  
(74) Spruson & Ferguson
- 
- (71) MBIOMICS GMBH  
(11) AU-A-2021450913  
(21) 2021450913 (22) 14.06.2021  
(54) SYSTEM AND METHOD FOR PERFORMING A MICROBIOME-ANALYSIS  
(51) Int. Cl.  
G01N 33/53 ( 2006.01 )  
C12Q 1/6839 ( 2018.01 )  
C12Q 1/6888 ( 2018.01 )  
G01N 33/569 ( 2006.01 )  
G01N 33/58 ( 2006.01 )  
(87) WO2022/262941  
(43) 22.12.2022  
(72) WOEHRSTEIN, Johannes Benedikt; GRABMAYR, Heinrich Ernst Paul  
(74) PHILLIPS ORMONDE FITZPATRICK

PCT applications which have entered the National Phase - Name Index cont'd

- 
- (71) MCMaster UNIVERSITY; OTTAWA HOSPITAL RESEARCH INSTITUTE  
(11) AU-A-2022287504  
(21) 2022287504 (22) 01.06.2022  
(54) EXPRESSION OF BACTERIAL DI-NUCLEOTIDE CYCLASES  
(51) Int. Cl.  
C12N 15/86 ( 2006.01 )  
A61K 35/76 ( 2015.01 )  
A61K 35/768 ( 2015.01 )  
A61K 38/43 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C12N 1/21 ( 2006.01 )  
C12N 7/01 ( 2006.01 )  
C12N 9/00 ( 2006.01 )  
C12N 15/52 ( 2006.01 )  
C12N 15/85 ( 2006.01 )  
C12P 21/00 ( 2006.01 )  
(87) WO2022/251960  
(31) 63/195,419 (32) 01.06.21 (33) US  
(43) 08.12.2022  
(72) LICHTY, Brian; WANG, Fuan; ATHERTON, Matthew; BELL, John; SINGARAVELU, Ragunath; ILKOW, Carolina  
(74) FB Rice Pty Ltd
- 
- (71) MCNICHOLAS, D.  
(11) AU-A-2022283794  
(21) 2022283794 (22) 31.05.2022  
(54) SAFE TRANSPORTATION SYSTEM OPERATIONS  
(51) Int. Cl.  
F17C 13/02 ( 2006.01 )  
B65D 90/48 ( 2006.01 )  
(87) WO2022/256280  
(31) 17/335,127 (32) 01.06.21 (33) US  
(43) 08.12.2022  
(72) MCNICHOLAS, Daniel  
(74) WRAYS PTY LTD
- 
- (71) MEDIMABBIO INC.  
(11) AU-A-2022272117  
(21) 2022272117 (22) 10.05.2022  
(54) ANTI-GITR ANTIBODIES AND USES THEREOF  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2022/240161  
(31) 10-2021-0060012 (32) 10.05.21 (33) KR  
(43) 17.11.2022  
(72) KANG, Yuhoi; JO, Hongseok  
(74) Spruson & Ferguson
- 
- (71) MEDIMABBIO INC.  
(11) AU-A-2022272586  
(21) 2022272586 (22) 10.05.2022  
(54) ANTI-TIGIT ANTIBODIES AND USE THEREOF  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2022/240159  
(31) 10-2021-0060014 (32) 10.05.21 (33) KR
- 
- (43) 17.11.2022  
(72) KANG, Yuhoi; JO, Hongseok  
(74) Spruson & Ferguson
- 
- (71) MERCK PATENT GMBH  
(11) AU-A-2022280341  
(21) 2022280341 (22) 23.05.2022  
(54) EGFR TARGETING FC ANTIGEN BINDING FRAGMENT-DRUG CONJUGATES  
(51) Int. Cl.  
A61K 47/68 ( 2017.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2022/248380  
(31) 21175808.1 (32) 25.05.21 (33) EP  
(43) 01.12.2022  
(72) JAEGER, Sebastian; SCHROETER, Christian  
(74) Griffith Hack
- 
- (71) METAGENOMI, INC.  
(11) AU-A-2022284808  
(21) 2022284808 (22) 01.06.2022  
(54) CLASS II, TYPE V CRISPR SYSTEMS  
(51) Int. Cl.  
C12N 15/10 ( 2006.01 )  
C12N 9/22 ( 2006.01 )  
C12N 15/113 ( 2010.01 )  
C12N 15/90 ( 2006.01 )  
(87) WO2022/256462  
(31) 63/196,127 (32) 02.06.21 (33) US  
63/233,653 16.08.21 US  
63/261,436 21.09.21 US  
63/262,169 06.10.21 US  
63/280,026 16.11.21 US  
63/299,664 14.01.22 US  
63/308,766 10.02.22 US  
63/323,014 23.03.22 US  
63/331,076 14.04.22 US  
(43) 08.12.2022  
(72) THOMAS, Brian; BROWN, Christopher; DEVOTO, Audra; BUTTERFIELD, Cristina; ALEXANDER, Lisa; GOLTSMAN, Daniela, S., A.  
(74) FB Rice Pty Ltd
- 
- (71) METALLURGICA LEDRENSE SOCIETÀ COOPERATIVA  
(11) AU-A-2022288340  
(21) 2022288340 (22) 13.06.2022  
(54) A FOUNDATION STRUCTURE FOR CONSTRUCTIONS  
(51) Int. Cl.  
E02D 27/02 ( 2006.01 )  
E02D 27/42 ( 2006.01 )  
E02D 27/50 ( 2006.01 )  
E04H 12/22 ( 2006.01 )  
F16B 5/02 ( 2006.01 )  
F16B 13/14 ( 2006.01 )  
(87) WO2022/259231  
(31) 102021000015353 (32) 11.06.21 (33) IT  
(43) 15.12.2022  
(72) TIBONI, Fabio; GRAFFER, Simone; MENAPACE, Stefano; SIMEONI, Lucia; GAJO, Alessandro; FERRO, Edgar; MOLINARI, Marco  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) METSO FINLAND OY  
(11) AU-A-2022282816  
(21) 2022282816 (22) 27.05.2022  
(54) ROTOR OF GAS DISPERSION ARRANGEMENT  
(51) Int. Cl.  
B03D 1/14 ( 2006.01 )  
B01F 23/233 ( 2022.01 )  
B03D 1/16 ( 2006.01 )  
(87) WO2022/248774  
(31) 21176490.7 (32) 28.05.21 (33) EP  
(43) 01.12.2022  
(72) LUUKKONEN, Matti; HÄMÄLÄINEN, Timo  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) METSO FINLAND OY  
(11) AU-A-2022301730  
(21) 2022301730 (22) 06.06.2022  
(54) FRETTING WEAR REDUCTION IN INTERFERENCE FIT OF CONE CRUSHER HEAD  
(51) Int. Cl.  
B02C 2/04 ( 2006.01 )  
(87) WO2023/275432  
(31) 20215758 (32) 28.06.21 (33) FI  
(43) 05.01.2023  
(72) KUJANSUU, Petri; MERIKOSKI, Mikko  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) METSO FINLAND OY  
(11) AU-A-2022302380  
(21) 2022302380 (22) 06.06.2022  
(54) FRETTING WEAR REDUCTION OF INTERFERENCE FITTED CONE CRUSHER HEAD  
(51) Int. Cl.  
B02C 2/04 ( 2006.01 )  
(87) WO2023/275433  
(31) 20215759 (32) 28.06.21 (33) FI  
(43) 05.01.2023  
(72) MERIKOSKI, Mikko; KUJANSUU, Petri  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) MEXICHEM FLUOR S.A. DE C.V.  
(11) AU-A-2022313546  
(21) 2022313546 (22) 20.07.2022  
(54) PROCESS  
(51) Int. Cl.  
C22B 26/12 ( 2006.01 )  
H01M 10/54 ( 2006.01 )  
(87) WO2023/002180  
(31) 2110568.9 (32) 22.07.21 (33) GB  
(43) 26.01.2023  
(72) SHARRATT, Andrew; BROOKS, Jamie  
(74) Michael Buck IP
- 
- (71) MICROBA IP PTY LTD  
(11) AU-A-2022272332  
(21) 2022272332 (22) 10.05.2022  
(54) COMPOSITIONS AND METHODS FOR TREATING DISEASE  
(51) Int. Cl.  
C12N 1/20 ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- A61K 35/00** ( 2006.01 )  
**A61K 35/74** ( 2015.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C12R 1/01** ( 2006.01 )
- (87) WO2022/236365  
(31) 2021901387 (32) 10.05.21 (33) AU  
2022901200 06.05.22 AU  
(43) 17.11.2022  
(72) Ó CUÍV, Páraic; KRAUSE, Lutz  
(74) James & Wells Intellectual Property
- 
- (71) MICROSOFT TECHNOLOGY LICENSING, LLC  
(11) AU-A-2022304683  
(21) 2022304683 (22) 23.05.2022  
(54) AUTOMATIC LABELING OF TEXT DATA  
(51) Int. Cl.  
**G06F 16/33** ( 2019.01 )  
**G06F 16/35** ( 2019.01 )
- (87) WO2023/278070  
(31) 202141029147 (32) 29.06.21 (33) IN  
17711,506 01.04.22 US  
(43) 05.01.2023  
(72) SEWAK, Mohit; POLURI, Ravi Kiran Reddy; BLUM, William; CHAN, Pak On; LI, Weisheng; ACHARYA, Sharada Shirish; RUDNICK, Christian; BETSER, Michael Abraham; DRINIC, Milenko; LIU, Sihong  
(74) Davies Collison Cave Pty Ltd
- 
- (71) MIND MEDICINE, INC.  
(11) AU-A-2022304545  
(21) 2022304545 (22) 13.06.2022  
(54) SYSTEM AND METHOD FOR MONITORING A CONSCIOUSNESS-ALTERING THERAPEUTIC SESSION  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )
- (87) WO2023/278131  
(31) 63/216,683 (32) 30.06.21 (33) US  
(43) 05.01.2023  
(72) MAJERNIK, Martin; KARLIN, Daniel R.; BARROW, Robert; DUBEC, Peter  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) MIRONCOL DIAGNOSTICS, INC.  
(11) AU-A-2022289858  
(21) 2022289858 (22) 07.06.2022  
(54) CANCER DETECTION METHOD, KIT, AND SYSTEM  
(51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**C12Q 1/6813** ( 2018.01 )  
**C12Q 1/6837** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**B01L 7/00** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )
- (87) WO2022/261039  
(31) 63/208,506 (32) 09.06.21 (33) US  
(43) 15.12.2022  
(72) ZHANG, Andrew; HU, Hai  
(74) James & Wells Intellectual Property
- 
- (71) MITSUBISHI ELECTRIC CORPORATION  
(11) AU-A-2021460828  
(21) 2021460828 (22) 18.08.2021  
(54) MIMO RADAR-SIGNAL PROCESSING DEVICE, RECEPTION-SIGNAL PROCESSING DEVICE THEREOF, AND METHOD FOR DISCRIMINATING PROPAGATION MODE OF RECEPTION-SIGNAL VECTOR OF INTEREST  
(51) Int. Cl.  
**G01S 7/02** ( 2006.01 )  
**G01S 13/58** ( 2006.01 )
- (87) WO2023/021587  
(43) 23.02.2023  
(72) TAKAHASHI, Ryuhei  
(74) Griffith Hack
- 
- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.; TOKYO INSTITUTE OF TECHNOLOGY  
(11) AU-A-2022333697  
(21) 2022333697 (22) 09.08.2022  
(54) CARBON DIOXIDE ABSORPTION AND REDUCTION SOLUTION, CARBON DIOXIDE ABSORPTION AND REDUCTION DEVICE, AND CARBON DIOXIDE ABSORPTION AND REDUCTION METHOD  
(51) Int. Cl.  
**B01J 31/22** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01D 53/78** ( 2006.01 )  
**C01B 32/40** ( 2017.01 )  
**C25B 1/23** ( 2021.01 )  
**C25B 3/07** ( 2021.01 )  
**C25B 3/26** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )
- (87) WO2023/026855  
(31) 2021-137715 (32) 26.08.21 (33) JP  
(43) 02.03.2023  
(72) TSUJIUCHI, Tatsuya; TAJIMA, Hidehiko; TAGAMI, Naoto; ISHITANI, Osamu; MIYAJI, Masahiko  
(74) Davies Collison Cave Pty Ltd
- 
- (71) MOLECULENT AB  
(11) AU-A-2022296056  
(21) 2022296056 (22) 23.06.2022  
(54) SPATIAL ANALYSIS OF A PLANAR BIOLOGICAL SAMPLE  
(51) Int. Cl.  
**C12Q 1/6841** ( 2018.01 )
- (87) WO2022/269543  
(31) 63/214,701 (32) 24.06.21 (33) US  
63/257,456 19.10.21 US  
(43) 29.12.2022  
(72) ERICSSON, Olof John  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) MONASH UNIVERSITY  
(11) AU-A-2022294638  
(21) 2022294638 (22) 15.06.2022  
(54) PHENOLIC-GRAPHENE OXIDE COMPOSITIONS
- 
- (51) Int. Cl.  
**B01D 61/02** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 69/02** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
**C01B 32/184** ( 2017.01 )  
**C01B 32/198** ( 2017.01 )  
**C02F 1/44** ( 2023.01 )  
**C02F 101/30** ( 2006.01 )
- (87) WO2022/261706  
(31) 2021901788 (32) 15.06.21 (33) AU  
(43) 22.12.2022  
(72) MAJUMDER, Mainak; AKBARIVAKIL-ABADI, Abozar; EL MERAGAWI, Sally; JOVANOVIC, Petar  
(74) Spruson & Ferguson
- 
- (71) MORALES, N.; FORNASIER, M.  
(11) AU-A-2022305856  
(21) 2022305856 (22) 13.06.2022  
(54) GYMNASIAC APPARATUS FOR INDOOR CYCLING TRAINING  
(51) Int. Cl.  
**A63B 21/005** ( 2006.01 )  
**A63B 22/06** ( 2006.01 )  
**A63B 24/00** ( 2006.01 )
- (87) WO2023/281544  
(31) 102021000018128 (32) 09.07.21 (33) IT  
(43) 12.01.2023  
(72) MORALES, Nicola  
(74) Madderns Pty Ltd
- 
- (71) MORINAGA & CO., LTD.  
(11) AU-A-2022288407  
(21) 2022288407 (22) 03.06.2022  
(54) BEVERAGE  
(51) Int. Cl.  
**A23L 2/00** ( 2006.01 )
- (87) WO2022/259970  
(31) 2021-095252 (32) 07.06.21 (33) JP  
(43) 15.12.2022  
(72) OKUBO, Ayaka; NISHIMURA, Masaaki; NOGUCHI, Yusuke  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MYELOID THERAPEUTICS, INC.  
(11) AU-A-2022280016  
(21) 2022280016 (22) 24.05.2022  
(54) ENGINEERED CHIMERIC FUSION PROTEIN COMPOSITIONS AND METHODS OF USE THEREOF  
(51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )
- (87) WO2022/251251  
(31) 63/192,505 (32) 24.05.21 (33) US  
63/252,423 05.10.21 US  
(43) 01.12.2022  
(72) GETTS, Daniel; WANG, Yuxiao  
(74) Spruson & Ferguson

PCT applications which have entered the National Phase - Name Index cont'd

- (71) NANJING CHUANGTE PHARMA-  
CEUTICAL TECHNOLOGY CO., LTD  
(11) AU-A-2022272575  
(21) 2022272575 (22) 13.05.2022  
(54) PHARMACEUTICAL COMPOSITION  
(51) Int. Cl.  
**A61K 9/48** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07B 59/00** ( 2006.01 )  
**C07D 471/06** ( 2006.01 )  
(87) WO2022/237889  
(31) 202110532480.6 (32) 14.05.21 (33) CN  
(43) 17.11.2022  
(72) ZHU, Yongqiang; TANG, Yun; LIU,  
Shuang; YUAN, Xiaoyuan; DONG,  
Zexi; LIU, Xuan  
(74) WRAYS PTY LTD
- 
- (71) NANTCELL, INC.  
(11) AU-A-2022317127  
(21) 2022317127 (22) 27.07.2022  
(54) MODIFIED T CELL RECEPTORS FOR  
THE PREVENTION AND TREATMENT  
OF VIRAL INFECTIONS AND CAN-  
CER  
(51) Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/74** ( 2006.01 )  
(87) WO2023/010047  
(31) 63/227,195 (32) 29.07.21 (33) US  
(43) 02.02.2023  
(72) OLSON, Clifford, Anders; GARBÁN,  
Hermes; NELSON, Jay, Gardner;  
NIAZI, Kayvan; RODRIGUEZ, Noe;  
SIELING, Peter, Allan; SIXTO, Marcos;  
HIGASHIDE, Wendy, M.  
(74) Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) NATIONAL UNIVERSITY OF SINGA-  
PORE  
(11) AU-A-2022275653  
(21) 2022275653 (22) 15.05.2022  
(54) AMINO ACIDS, NUCLEOTIDES AND  
VECTORS EXPRESSING THE SAME  
AND USES THEREOF IN PREVENT-  
ING SARBECOVIRUS INFECTION  
(51) Int. Cl.  
**C07K 14/165** ( 2006.01 )  
**A61K 39/215** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
(87) WO2022/245287  
(31) 10202105099S (32) 15.05.21 (33) SG  
(43) 24.11.2022  
(72) WANG, Linfa; CHIA, Wan Ni; TAN,  
Chee Wah; ZHU, Feng  
(74) FB Rice Pty Ltd
- 
- (71) NATIONAL UNIVERSITY OF SINGA-  
PORE; AGENCY FOR SCIENCE,  
TECHNOLOGY AND RESEARCH  
(11) AU-A-2022290228  
(21) 2022290228 (22) 06.06.2022
- 
- (54) A SIMPLE METAL-ORGANIC FRAME-  
WORK FOR THE SELECTIVE AD-  
SORPTION OF CARBON DIOXIDE  
FROM FLUE GAS  
(51) Int. Cl.  
**C01F 7/00** ( 2022.01 )  
**B01D 53/02** ( 2006.01 )  
**B01J 20/22** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
**B01J 20/30** ( 2006.01 )  
**C01B 13/02** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )  
(87) WO2022/260592  
(31) 10202106057Y (32) 07.06.21 (33) SG  
(43) 15.12.2022  
(72) MULLANGI, Dinesh; DENG, Zeyu;  
WANG, Yuxiang; WANG, John;  
CANEPA, Pieremanuele; ZHAO, Dan;  
CHEETHAM, Anthony Kevin; WEI,  
Fengxia  
(74) James & Wells Intellectual Property
- 
- (71) NAVAD LIFE SCIENCES PTE  
(11) AU-A-2022320019  
(21) 2022320019 (22) 19.07.2022  
(54) PROGESTOGEN-ONLY ORAL CON-  
TRACEPTION  
(51) Int. Cl.  
**A61K 31/567** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61P 15/18** ( 2006.01 )  
(87) WO2023/007312  
(31) 17/385,057 (32) 26.07.21 (33) US  
(43) 02.02.2023  
(72) OETTEL, Michael; OSTERWALD, Her-  
mann; KOCHHAR, Priithi  
(74) DAVIS IP PTY LTD
- 
- (71) NEARMAP AUSTRALIA PTY LTD.  
(11) AU-A-2021453875  
(21) 2021453875 (22) 28.06.2021  
(54) HYPER CAMERA WITH SHARED MIR-  
ROR  
(51) Int. Cl.  
**G01C 11/00** ( 2006.01 )  
**B65D 47/08** ( 2006.01 )  
**G02B 26/10** ( 2006.01 )  
**G02B 26/12** ( 2006.01 )  
(87) WO2023/275580  
(43) 05.01.2023  
(72) BESLEY, James, Austin; TARLINTON,  
Mark, Harold; BLEADS, David, Arnold  
(74) Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) NEMATIQ IP PTY LTD  
(11) AU-A-2022294699  
(21) 2022294699 (22) 15.06.2022  
(54) A FILTER AND A METHOD OF MAK-  
ING A FILTER  
(51) Int. Cl.  
**C01B 32/198** ( 2017.01 )  
**B01D 61/02** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 69/10** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
(87) WO2022/261701  
(31) 2021901786 (32) 15.06.21 (33) AU
- 
- (43) 22.12.2022  
(72) AKBARIVAKILABADI, Abozar; FISC-  
HMANN, Adam James; PAPWORTH,  
Shannon Paul  
(74) BOSH IP Pty Ltd
- 
- (71) NEMATIQ IP PTY LTD  
(11) AU-A-2022294700  
(21) 2022294700 (22) 15.06.2022  
(54) A COMPOSITION, A METHOD OF  
MAKING A COMPOSITION, AND A  
FILTER  
(51) Int. Cl.  
**B01D 61/02** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 69/10** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
**C01B 32/198** ( 2017.01 )  
(87) WO2022/261703  
(31) 2021901785 (32) 15.06.21 (33) AU  
(43) 22.12.2022  
(72) PAPWORTH, Shannon Paul; FISC-  
HMANN, Adam James; AKBARIVAKIL-  
ABADI, Abozar; MARTIN, Samuel Ter-  
ence  
(74) BOSH IP Pty Ltd
- 
- (71) NEOPHORE LIMITED  
(11) AU-A-2022313543  
(21) 2022313543 (22) 18.07.2022  
(54) INHIBITOR COMPOUNDS  
(51) Int. Cl.  
**C07D 405/12** ( 2006.01 )  
**A61K 31/4035** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 209/44** ( 2006.01 )  
**C07D 217/06** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07F 5/02** ( 2006.01 )  
(87) WO2023/002165  
(31) 2110373.4 (32) 19.07.21 (33) GB  
(43) 26.01.2023  
(72) BLAGG, Julian; DRYSDALE, Martin;  
CLARK, David; WINSHIP, Paul  
(74) FB Rice Pty Ltd
- 
- (71) NETFLIX, INC.  
(11) AU-A-2022298955  
(21) 2022298955 (22) 24.06.2022  
(54) SYSTEMS AND METHODS FOR  
PROVIDING OPTIMIZED TIME  
SCALES AND ACCURATE PRESENT-  
ATION TIME STAMPS  
(51) Int. Cl.  
**H04N 21/242** ( 2011.01 )  
**H04N 21/232** ( 2011.01 )  
**H04N 21/236** ( 2011.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- H04N 21/2368** ( 2011.01 )  
**H04N 21/43** ( 2011.01 )  
**H04N 21/8547** ( 2011.01 )  
**(87)** WO2022/272135  
**(31)** 17/359,468 **(32)** 25.06.21 **(33)** US  
**(43)** 29.12.2022  
**(72)** ZHENG, Weiguo; CHING, Rex, Yik  
 Chun; JEON, Yongjun; KASI, Chandrika  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NEWHUB HOLDING COMPANY  
**(11)** AU-A-2022283276  
**(21)** 2022283276 **(22)** 25.05.2022  
**(54)** APPARATUS AND METHOD FOR  
 BIOFILM MANAGEMENT  
**(51)** Int. Cl.  
**C02F 3/10** ( 2023.01 )  
**C02F 3/12** ( 2023.01 )  
**C02F 3/34** ( 2023.01 )  
**(87)** WO2022/251278  
**(31)** 63/192,719 **(32)** 25.05.21 **(33)** US  
**(43)** 01.12.2022  
**(72)** MURTHY, Sudhir; WETT, Bernhard  
**(74)** Ashutosh Choudhary
- 
- (71)** NEWSOUTH INNOVATIONS PTY LIM-  
 ITED  
**(11)** AU-A-2022295557  
**(21)** 2022295557 **(22)** 17.06.2022  
**(54)** OUTDOOR PHOTOLUMINESCENCE  
 IMAGING OF PHOTOVOLTAIC AR-  
 RAYS VIA OPTICAL STRING MODU-  
 LATION  
**(51)** Int. Cl.  
**G01N 21/31** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G01S 7/51** ( 2006.01 )  
**H02S 50/15** ( 2014.01 )  
**H04N 5/222** ( 2006.01 )  
**(87)** WO2022/261719  
**(31)** 2021901847 **(32)** 18.06.21 **(33)** AU  
**(43)** 22.12.2022  
**(72)** KUNZ, Oliver; REY, Germain Antoine;  
 TRUPKE, Thorsten; JUHL, Mattias  
**(74)** FB Rice Pty Ltd
- 
- (71)** NEW YORK AIR BRAKE, LLC  
**(11)** AU-A-2022303333  
**(21)** 2022303333 **(22)** 01.07.2022  
**(54)** ELECTRONIC AIR BRAKE SYSTEM  
 AND METHOD OF PERFORMING A  
 CONSIST SWAP WITHOUT A RISK  
 OF ROLLAWAY  
**(51)** Int. Cl.  
**B60T 13/66** ( 2006.01 )  
**B60T 13/68** ( 2006.01 )  
**B60T 15/02** ( 2006.01 )  
**B60T 17/22** ( 2006.01 )  
**(87)** WO2023/278820  
**(31)** 63/217,549 **(32)** 01.07.21 **(33)** US  
**(43)** 05.01.2023  
**(72)** PARISIAN, Michael, L.; MARGESON,  
 Scott  
**(74)** Griffith Hack
- 
- (71)** NEW YORK GENOME CENTER, INC.;  
 NEW YORK UNIVERSITY  
**(11)** AU-A-2022280145  
**(21)** 2022280145 **(22)** 24.05.2022  
**(54)** COMPOSITIONS AND METHODS  
 FOR INCREASING EFFICIENCY OF  
 PRECISE EDITING REPAIR  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(87)** WO2022/251836  
**(31)** 63/192,277 **(32)** 24.05.21 **(33)** US  
**(43)** 01.12.2022  
**(72)** SANJANA, Neville, E.; DANILOSKI,  
 Zharko  
**(74)** WRAYS PTY LTD
- 
- (71)** NEXANS  
**(11)** AU-A-2022284327  
**(21)** 2022284327 **(22)** 16.05.2022  
**(54)** DEVICE FOR STORING, TRANS-  
 PORTING AND INSTALLING ELEC-  
 TRICAL WIRES AND CABLES  
**(51)** Int. Cl.  
**B65H 49/20** ( 2006.01 )  
**B65D 85/04** ( 2006.01 )  
**B65H 49/38** ( 2006.01 )  
**B65H 75/18** ( 2006.01 )  
**(87)** WO2022/254118  
**(31)** FR2105706 **(32)** 31.05.21 **(33)** FR  
**(43)** 08.12.2022  
**(72)** DEMULE, Christophe; BRIN, Julien  
**(74)** Halfords IP
- 
- (71)** NICHIMO CO.,LTD.  
**(11)** AU-A-2022300588  
**(21)** 2022300588 **(22)** 27.06.2022  
**(54)** MARINE MATERIAL AND PRODUC-  
 TION METHOD THEREFOR  
**(51)** Int. Cl.  
**A01K 75/00** ( 2006.01 )  
**A01K 79/00** ( 2006.01 )  
**D01F 6/62** ( 2006.01 )  
**D01F 6/92** ( 2006.01 )  
**(87)** WO2023/276981  
**(31)** 2021-107271 **(32)** 29.06.21 **(33)** JP  
**(43)** 05.01.2023  
**(72)** KUMAZAWA Taisei; ITO Sho; KAIDA  
 Akihiro  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** NICOVENTURES TRADING LIMITED  
**(11)** AU-A-2022294068  
**(21)** 2022294068 **(22)** 17.06.2022  
**(54)** AEROSOL GENERATING DEVICE  
**(51)** Int. Cl.  
**A24F 40/465** ( 2020.01 )  
**A24F 40/485** ( 2020.01 )  
**(87)** WO2022/263674  
**(31)** 2108797.8 **(32)** 18.06.21 **(33)** GB  
**(43)** 22.12.2022  
**(72)** COWAN, Dean; HODGSON, Matthew;  
 CAMPBELL, Jeremy  
**(74)** Spruson & Ferguson
- 
- (71)** NICOVENTURES TRADING LIMITED  
**(11)** AU-A-2022294192  
**(21)** 2022294192 **(22)** 17.06.2022  
**(54)** ARTICLE FOR USE IN A NON-COM-  
 BUSTIBLE AEROSOL PROVISION  
 SYSTEM  
**(51)** Int. Cl.  
**A24C 5/01** ( 2020.01 )  
**A24D 1/20** ( 2020.01 )  
**(87)** WO2022/263834  
**(31)** 2108772.1 **(32)** 18.06.21 **(33)** GB  
**(43)** 22.12.2022  
**(72)** TAYLOR, Benjamin  
**(74)** Spruson & Ferguson
- 
- (71)** NICOVENTURES TRADING LIMITED  
**(11)** AU-A-2022295134  
**(21)** 2022295134 **(22)** 17.06.2022  
**(54)** ARTICLE FOR USE IN A NON-COM-  
 BUSTIBLE AEROSOL PROVISION  
 SYSTEM  
**(51)** Int. Cl.  
**A24D 1/20** ( 2020.01 )  
**(87)** WO2022/263836  
**(31)** 2108780.4 **(32)** 18.06.21 **(33)** GB  
**(43)** 22.12.2022  
**(72)** TAYLOR, Benjamin  
**(74)** Spruson & Ferguson
- 
- (71)** NICOVENTURES TRADING LIMITED  
**(11)** AU-A-2022311548  
**(21)** 2022311548 **(22)** 14.07.2022  
**(54)** METHOD OF ENHANCING THE OR-  
 THONASAL PROFILE OF A PLANT  
**(51)** Int. Cl.  
**A24B 15/30** ( 2006.01 )  
**A01H 3/02** ( 2006.01 )  
**(87)** WO2023/285828  
**(31)** 2110266.0 **(32)** 16.07.21 **(33)** GB  
**(43)** 19.01.2023  
**(72)** MONTSERRAT SANCHEZ PENA,  
 Maria; GELINAS, Martine; RENTON,  
 Carla  
**(74)** Spruson & Ferguson
- 
- (71)** Ningbo Junhe Intelligent Technology  
 Co., Ltd  
**(11)** AU-A-2022263509  
**(21)** 2022263509 **(22)** 23.09.2022  
**(54)** Jet pump  
**(51)** Int. Cl.  
**F04F 5/00** ( 2006.01 )  
**(31)** 202221458921.9 **(32)** 09.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** ZHANG, Junbo; YANG, Ke; XU, Haili-  
 ang; BAO, Junwei; HONG, Libing  
**(74)** Madderns Pty Ltd
- 
- (71)** NINGBO SANSHENG BIOLOGICAL  
 TECHNOLOGY CO., LTD.  
**(11)** AU-A-2022416227  
**(21)** 2022416227 **(22)** 13.12.2022  
**(54)** ANTIBODY AGAINST INHIBIN AND  
 USE THEREOF  
**(51)** Int. Cl.  
**C07K 16/26** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- (87) WO2023/109803  
 (31) 202111539705.7 (32) 15.12.21 (33) CN  
 (43) 22.06.2023  
 (72) ZHANG, Yong; ZHENG, Xingchang;  
 WANG, Aike; JIN, Jiamin; YANG, Jiale;  
 SUN, Di; CHEN, Yu; YANG, Junshuai;  
 CHEN, Yong; CHEN, Lu; ZHOU, Sichao  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) NIPPON PAINT SURF CHEMICALS  
 CO.,LTD.  
 (11) AU-A-2022294569  
 (21) 2022294569 (22) 10.06.2022  
 (54) METHOD FOR MANUFACTURING  
 SURFACE-TREATED METAL MEM-  
 BER, AND AQUEOUS SURFACE  
 TREATMENT AGENT FOR PRO-  
 CESSSED AND CAST METAL MEMBER  
 (51) Int. Cl.  
**C23C 26/00** ( 2006.01 )  
**C23C 22/78** ( 2006.01 )  
 (87) WO2022/264949  
 (31) 2021-101100 (32) 17.06.21 (33) JP  
 (43) 22.12.2022  
 (72) UTSUNOMIYA Akira; MIURA Yusuke;  
 OHTAKE Yuji  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) NIPPON SHINYAKU CO., LTD.  
 (11) AU-A-2022306820  
 (21) 2022306820 (22) 08.07.2022  
 (54) NEPHROTOXICITY REDUCING  
 AGENT  
 (51) Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**A61K 31/7016** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 39/02** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
 (87) WO2023/282345  
 (31) 2021-113563 (32) 08.07.21 (33) JP  
 (43) 12.01.2023  
 (72) HORIUCHI Takashi  
 (74) FB Rice Pty Ltd
- 
- (71) NKARTA, INC.  
 (11) AU-A-2022272973  
 (21) 2022272973 (22) 11.05.2022  
 (54) DOSING REGIMENS FOR CANCER  
 IMMUNOTHERAPY  
 (51) Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
 (87) WO2022/241036  
 (31) 63/201,792 (32) 13.05.21 (33) US  
 63/269,316 14.03.22 US  
 (43) 17.11.2022  
 (72) RAJANGAM, Kanya, Lakshmi;  
 HIREMATH, Minoti, Murughesh;  
 TRAGER, James, Barnaby; SHOOK,
- 
- David, Richard; ENDSLEY, Aaron,  
 Norvin  
 (74) FB Rice Pty Ltd
- 
- (71) NOGRA PHARMA LIMITED  
 (11) AU-A-2022276078  
 (21) 2022276078 (22) 17.05.2022  
 (54) IL-34 ANTISENSE AGENTS AND  
 METHODS OF USING SAME  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
 (87) WO2022/243299  
 (31) 63/201,887 (32) 17.05.21 (33) US  
 (43) 24.11.2022  
 (72) VITI, Francesca; MCNULTY, Marie;  
 BELLINIVIA, Salvatore  
 (74) FB Rice Pty Ltd
- 
- (71) NOVARTIS AG  
 (11) AU-A-2022336415  
 (21) 2022336415 (22) 30.08.2022  
 (54) PHARMACEUTICAL COMBINATIONS  
 COMPRISING A TEAD INHIBITOR  
 AND USES THEREOF FOR THE  
 TREATMENT OF CANCERS  
 (51) Int. Cl.  
**A61K 31/343** ( 2006.01 )  
**A61K 31/351** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/031781  
 (31) 63/239,512 (32) 01.09.21 (33) US  
 63/268,481 24.02.22 US  
 63/366,829 22.06.22 US  
 (43) 09.03.2023  
 (72) CHAPEAU, Emilie; L'EPICIER-SANS-  
 REGRET, Laurent; SCHMELZLE, Tobi-  
 as  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) NOVELWISE PHARMACEUTICAL  
 CORPORATION  
 (11) AU-A-2022283415  
 (21) 2022283415 (22) 30.05.2022  
 (54) COMPOSITION AND METHOD FOR  
 TREATING A DRUG-RESISTANT  
 CANCER  
 (51) Int. Cl.  
**A61K 31/165** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2022/247954  
 (31) 63/194,585 (32) 28.05.21 (33) US  
 (43) 01.12.2022  
 (72) HUANG, Chung-Yang; HOU, Chia-  
 Chung  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) NOVOLABS LIMITED  
 (11) AU-A-2022297185  
 (21) 2022297185 (22) 23.06.2022
- 
- (54) LIQUID TREATMENT METHOD AND  
 APPARATUS  
 (51) Int. Cl.  
**C02F 1/32** ( 2023.01 )  
 (87) WO2022/271040  
 (31) 777519 (32) 25.06.21 (33) NZ  
 2021221445 24.08.21 AU  
 (43) 29.12.2022  
 (72) SHILTON, Andrew Nicholas  
 (74) ET Intellectual Property
- 
- (71) NOVOZYMES A/S  
 (11) AU-A-2022304933  
 (21) 2022304933 (22) 29.06.2022  
 (54) PROCESSES FOR PRODUCING FER-  
 MENTATION PRODUCTS USING  
 FIBER-DEGRADING ENZYMES IN  
 FERMENTATION  
 (51) Int. Cl.  
**C12P 7/10** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**C12N 15/81** ( 2006.01 )  
**C12P 7/06** ( 2006.01 )  
 (87) WO2023/274282  
 (31) PCT/ (32) 29.06.21 (33) CN  
 CN2021/103075  
 (43) 05.01.2023  
 (72) TANG, Lan; LIU, Jiyin; XU, Hui; LAV-  
 IGNE, James; BORCH, Kim; FRICK-  
 MANN, Jesper; MOXLEY, Geoffrey;  
 JIN, Qiming; LIU, Ye  
 (74) Spruson & Ferguson
- 
- (71) NTH CYCLE, INC.  
 (11) AU-A-2022286951  
 (21) 2022286951 (22) 01.06.2022  
 (54) ELECTROCHEMICAL METAL DEPOS-  
 IITION SYSTEM AND METHOD  
 (51) Int. Cl.  
**C25C 1/00** ( 2006.01 )  
**C25C 7/00** ( 2006.01 )  
**C25C 1/02** ( 2006.01 )  
**C25C 1/12** ( 2006.01 )  
**C25C 1/22** ( 2006.01 )  
 (87) WO2022/256457  
 (31) 63/195,567 (32) 01.06.21 (33) US  
 63/273,840 29.10.21 US  
 (43) 08.12.2022  
 (72) VECITIS, Chad; MOORE, Christopher;  
 JENNINGS, Emily; O'CONNOR, Megan  
 (74) Spruson & Ferguson
- 
- (71) NUCLEUS MEDICAL GMBH  
 (11) AU-A-2022292886  
 (21) 2022292886 (22) 14.06.2022  
 (54) NON-NANOPARTICULATE APPLICA-  
 TION FORMS OF MACROLIDES  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
 (87) WO2022/263463  
 (31) 21179203.1 (32) 14.06.21 (33) EP  
 (43) 22.12.2022  
 (72) HORSTKOTTE, Elke; BEIER, Wolfgang  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd



PCT applications which have entered the National Phase - Name Index cont'd

(71) OFB CORPORATION PTY LTD  
 (11) AU-A-2022301881  
 (21) 2022301881 (22) 01.07.2022  
 (54) IMPROVED SOIL STABILIZING COM-  
 POSITION  
 (51) Int. Cl.  
 C08J 3/24 ( 2006.01 )  
 C08K 3/22 ( 2006.01 )  
 C08L 3/12 ( 2006.01 )  
 C08L 33/08 ( 2006.01 )  
 C08L 33/26 ( 2006.01 )  
 C09K 17/50 ( 2006.01 )  
 (87) WO2023/272361  
 (31) 2021902015 (32) 02.07.21 (33) AU  
 (43) 05.01.2023  
 (72) HARVEY, Michael  
 (74) Spruson & Ferguson

(71) OHIO STATE INNOVATION FOUNDA-  
 TION; GEORGIA TECH RESEARCH  
 CORPORATION  
 (11) AU-A-2022271874  
 (21) 2022271874 (22) 11.05.2022  
 (54) SYSTEMS AND METHODS FOR RE-  
 CONSTRUCTING AN ANATOMICAL  
 STRUCTURE MODEL  
 (51) Int. Cl.  
 A61F 2/00 ( 2006.01 )  
 A61F 2/24 ( 2006.01 )  
 A61L 27/36 ( 2006.01 )  
 G06Q 40/04 ( 2012.01 )  
 G06V 10/26 ( 2022.01 )  
 (87) WO2022/241425  
 (31) 63/187,052 (32) 11.05.21 (33) US  
 (43) 17.11.2022  
 (72) DASI, Lakshmi Prasad; CHEN, Huang;  
 LEE, Beom Jun; SIVAKUMAR, Sri  
 Krishna; YEATS, Breandan Andre But-  
 ler  
 (74) Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd

(71) ONENAV, INC.  
 (11) AU-A-2022303020  
 (21) 2022303020 (22) 15.06.2022  
 (54) MULTIPATH MITIGATION IN GNSS  
 RECEIVERS WITH MACHINE LEARN-  
 ING MODELS  
 (51) Int. Cl.  
 G01S 19/40 ( 2010.01 )  
 G01S 19/22 ( 2010.01 )  
 G01S 19/35 ( 2010.01 )  
 G06N 3/08 ( 2023.01 )  
 G01S 19/49 ( 2010.01 )  
 (87) WO2023/278147  
 (31) 63/216,905 (32) 30.06.21 (33) US  
 63/243,028 10.09.21 US  
 17/836,116 09.06.22 US  
 (43) 05.01.2023  
 (72) MAAREF, Mahdi; GARIN, Lionel;  
 MCBURNEY, Paul  
 (74) FPA Patent Attorneys Pty Ltd

(71) OPNA BIO SA; ALBERS, A.  
 (11) AU-A-2022272302  
 (21) 2022272302 (22) 11.05.2022

(54) COMPOUNDS AND METHODS FOR  
 YAP/TEAD MODULATION AND INDIC-  
 ATIONS THEREFOR  
 (51) Int. Cl.  
 A61K 31/472 ( 2006.01 )  
 A61K 31/47 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 C07D 217/04 ( 2006.01 )  
 C07F 9/62 ( 2006.01 )  
 (87) WO2022/240966  
 (31) 63/187,226 (32) 11.05.21 (33) US  
 (43) 17.11.2022  
 (72) ALBERS, Aaron; GUO, Zuojun; LY,  
 Cuong; SPEVAK, Wayne; VANDER  
 WAL, Mark; ZHANG, Dongyu; ZHANG,  
 Jiazhong; ZHANG, Ying  
 (74) RnB IP

(71) ORIPATCH AS  
 (11) AU-A-2022305831  
 (21) 2022305831 (22) 08.07.2022  
 (54) THERAPEUTIC PATCH AND USES  
 THEREOF  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 9/14 ( 2006.01 )  
 A61K 31/00 ( 2006.01 )  
 A61K 47/36 ( 2006.01 )  
 A61P 1/00 ( 2006.01 )  
 (87) WO2023/281069  
 (31) 2109849.6 (32) 08.07.21 (33) GB  
 (43) 12.01.2023  
 (72) SKUTHE, Eva Cathrine Aardal;  
 SKUTHE, Jostein; HENRIKSEN, Kjetil  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ORPHAI THERAPEUTICS INC.  
 (11) AU-A-2022289498  
 (21) 2022289498 (22) 10.06.2022  
 (54) STABILIZED APILIMOD COMPOSI-  
 TIONS AND USES THEREOF  
 (51) Int. Cl.  
 A61K 31/5377 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/19 ( 2006.01 )  
 A61K 9/20 ( 2006.01 )  
 A61K 9/48 ( 2006.01 )  
 A61K 47/02 ( 2006.01 )  
 A61K 47/12 ( 2006.01 )  
 A61K 47/26 ( 2006.01 )  
 A61K 47/32 ( 2006.01 )  
 A61K 47/36 ( 2006.01 )  
 A61K 47/38 ( 2006.01 )  
 A61K 47/42 ( 2017.01 )  
 A61P 25/28 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2022/261499  
 (31) 63/202,438 (32) 11.06.21 (33) US  
 (43) 15.12.2022  
 (72) FANDRICK, Keith; BECKETT, Paul;  
 MELVIN, Lawrence, S., Jr.; YOUNG,  
 Peter, Ronald; EDWARDS, Joan  
 (74) FB Rice Pty Ltd

(71) OTSUKA PHARMACEUTICAL CO.,  
 LTD.  
 (11) AU-A-2022312844  
 (21) 2022312844 (22) 12.07.2022

(54) HYDROGENATED QUINOXALINES  
 (51) Int. Cl.  
 C07D 241/36 ( 2006.01 )  
 A61K 31/498 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 C07D 405/12 ( 2006.01 )  
 (87) WO2023/286768  
 (31) 2021-115550 (32) 13.07.21 (33) JP  
 (43) 19.01.2023  
 (72) SHINOHARA, Tomoichi; NISHIYAMA,  
 Tsuyoshi  
 (74) Davies Collison Cave Pty Ltd

(71) OURA HEALTH OY  
 (11) AU-A-2022294370  
 (21) 2022294370 (22) 15.06.2022  
 (54) ANONYMIZED HEALTH MONITORING  
 PLATFORM  
 (51) Int. Cl.  
 G01N 21/31 ( 2006.01 )  
 G01N 21/01 ( 2006.01 )  
 G01N 21/25 ( 2006.01 )  
 G16H 50/80 ( 2018.01 )  
 G01J 3/02 ( 2006.01 )  
 G01N 21/35 ( 2014.01 )  
 G01N 21/359 ( 2014.01 )  
 (87) WO2022/266640  
 (31) 63/211,506 (32) 16.06.21 (33) US  
 17/807,010 15.06.22 US  
 (43) 22.12.2022  
 (72) GILAN, Brian; SAARINEN, Ville; HAN-  
 HINEN, Ossi; OYEDAYO, Oyelowo;  
 HAAPSAARI, Janne; RAUT, Utkarsh;  
 VOROTYNTSEV, Denis; ASCHBACH-  
 ER, Kirstin  
 (74) Spruson & Ferguson

(71) OXFORD BIOMEDICA SOLUTIONS  
 LLC  
 (11) AU-A-2022299552  
 (21) 2022299552 (22) 24.06.2022  
 (54) ADENO-ASSOCIATED VIRUS PACK-  
 AGING SYSTEMS  
 (51) Int. Cl.  
 C12N 15/86 ( 2006.01 )  
 (87) WO2022/272297  
 (31) 63/202,817 (32) 25.06.21 (33) US  
 63/262,218 07.10.21 US  
 63/266,646 11.01.22 US  
 (43) 29.12.2022  
 (72) VAN LIESHOUT, Laura; STANVICK,  
 Marissa  
 (74) Griffith Hack

(71) OXIDATION TECHNOLOGIES PTY  
 LTD  
 (11) AU-A-2021451004  
 (21) 2021451004 (22) 15.06.2021  
 (54) FERRIC/FERROUS COUPLING IN  
 MINERAL PROCESSING  
 (51) Int. Cl.  
 C22B 11/00 ( 2006.01 )  
 C22B 3/04 ( 2006.01 )  
 C22B 11/08 ( 2006.01 )  
 (87) WO2022/261693  
 (43) 22.12.2022  
 (72) HARRISON, Dale, Leslie  
 (74) Griffith Hack

PCT applications which have entered the National Phase - Name Index cont'd

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(71) PACT PHARMA, INC.  
 (11) AU-A-2022287932  
 (21) 2022287932 (22) 10.06.2022  
 (54) METHOD OF ASSESSING CELL PRODUCTS  
 (51) Int. Cl.  
**G01N 33/50** ( 2006.01 )  
 (87) WO2022/261432  
 (31) 63/209,557 (32) 11.06.21 (33) US  
 (43) 15.12.2022  
 (72) PURANDARE, Bhamini; SENNINO, Barbara  
 (74) Griffith Hack

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(71) PACT PHARMA, INC.  
 (11) AU-A-2022291145  
 (21) 2022291145 (22) 10.06.2022  
 (54) METHODS OF ACTIVATING T CELLS  
 (51) Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 15/85** ( 2006.01 )  
 (87) WO2022/261392  
 (31) 63/209,784 (32) 11.06.21 (33) US  
 (43) 15.12.2022  
 (72) HU, Andrew, Y.; TUNUGUNTLA, Ramya, H.  
 (74) Griffith Hack

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(71) PACT PHARMA, INC.  
 (11) AU-A-2022294088  
 (21) 2022294088 (22) 17.06.2022  
 (54) METHODS FOR IMPROVED T CELL RECEPTOR SEQUENCING  
 (51) Int. Cl.  
**C12Q 1/6869** ( 2018.01 )  
**C12Q 1/6853** ( 2018.01 )  
**C12Q 1/686** ( 2018.01 )  
 (87) WO2022/266450  
 (31) 63/212,286 (32) 18.06.21 (33) US  
 (43) 22.12.2022  
 (72) YUEN, Benjamin, T., K.; NAYAK, Saparya; PENG, Songming; AN, Duo; MANDL-CASHMAN, Stefanie  
 (74) Griffith Hack

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(71) PAL S.R.L.  
 (11) AU-A-2022290660  
 (21) 2022290660 (22) 07.06.2022  
 (54) SCREENING MACHINE FOR SCREENING SOLID MATERIALS  
 (51) Int. Cl.  
**B07B 1/00** ( 2006.01 )  
**A62C 3/06** ( 2006.01 )  
**B07B 13/18** ( 2006.01 )  
 (87) WO2022/259281  
 (31) 102021000014957 (32) 08.06.21 (33) IT  
 (43) 15.12.2022  
 (72) DAL BEN, Antonio  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.  
 (11) AU-A-2022296206  
 (21) 2022296206 (22) 23.06.2022

(54) FUSION PROTEIN, FUSION PROTEIN PRODUCTION METHOD, ELECTRODE, REDOX DEVICE, REDOX METHOD, METHOD FOR CUTTING DISULFIDE BONDS, AND METHOD FOR INACTIVATING ALLERGEN  
 (51) Int. Cl.  
**C12N 9/02** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (87) WO2022/270588  
 (31) 2021-104343 (32) 23.06.21 (33) JP  
 (43) 29.12.2022  
 (72) HATSUGAI, Noriyuki; WAYAMA, Fumiya; OKUMURA, Yasuaki  
 (74) Griffith Hack

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(71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.  
 (11) AU-A-2022299841  
 (21) 2022299841 (22) 23.06.2022  
 (54) ENZYME IMMOBILIZED ELECTRODE, ENZYME IMMOBILIZED ELECTRODE MANUFACTURING METHOD, TARGET MOLECULE OXIDATION-REDUCTION METHOD, AND TARGET MOLECULE OXIDATION-REDUCTION DEVICE  
 (51) Int. Cl.  
**G01N 27/327** ( 2006.01 )  
**G01N 27/416** ( 2006.01 )  
 (87) WO2022/270586  
 (31) 2021-103850 (32) 23.06.21 (33) JP  
 (43) 29.12.2022  
 (72) WAYAMA, Fumiya; HATSUGAI, Noriyuki; OKUMURA, Yasuaki  
 (74) Griffith Hack

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(71) PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED  
 (11) AU-A-2022284393  
 (21) 2022284393 (22) 03.06.2022  
 (54) AN ELECTRICAL SOCKET ASSEMBLY  
 (51) Int. Cl.  
**H01R 13/66** ( 2006.01 )  
**H01R 27/00** ( 2006.01 )  
 (87) WO2022/254466  
 (31) 202121024766 (32) 03.06.21 (33) IN  
 (43) 08.12.2022  
 (72) AGLAWE, Abhijit; KUMAR, Pankaj; GAIKWAD, Akshay  
 (74) GLMR

---

(71) PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED  
 (11) AU-A-2022285969  
 (21) 2022285969 (22) 03.06.2022  
 (54) AN ELECTRICAL SOCKET ASSEMBLY WITH AN IMPROVED CONTACT ELEMENT  
 (51) Int. Cl.  
**H01R 13/04** ( 2006.01 )  
 (87) WO2022/254468  
 (31) 202121024768 (32) 03.06.21 (33) IN

(43) 08.12.2022  
 (72) AGLAWE, Abhijit; KUMAR, Pankaj; GAIKWAD, Akshay  
 (74) GLMR

---

(71) PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED  
 (11) AU-A-2022286747  
 (21) 2022286747 (22) 03.06.2022  
 (54) AN ELECTRICAL SOCKET ASSEMBLY WITH AN IMPROVED CONTACT ELEMENT  
 (51) Int. Cl.  
**H01R 13/04** ( 2006.01 )  
 (87) WO2022/254467  
 (31) 202121024767 (32) 03.06.21 (33) IN  
 (43) 08.12.2022  
 (72) AGLAWE, Abhijit; KUMAR, Pankaj; GAIKWAD, Akshay  
 (74) GLMR

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(71) PANT, H.; LOPEZ, A.; SCHEMBRI, M.  
 (11) AU-A-2022292377  
 (21) 2022292377 (22) 17.06.2022  
 (54) COMPOSITIONS AND USES THEREOF  
 (51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 31/728** ( 2006.01 )  
**A61P 11/02** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
 (87) WO2022/261723  
 (31) 2021901822 (32) 17.06.21 (33) AU  
 (43) 22.12.2022  
 (72) PANT, Harshita; LOPEZ, Angel; SCHEMBRI, Mark  
 (74) Davies Collision Cave Pty Ltd

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(71) PASQAL  
 (11) AU-A-2022306951  
 (21) 2022306951 (22) 07.07.2022  
 (54) METHODS AND SYSTEMS FOR MEASURING A SIMILARITY BETWEEN TWO GRAPHS  
 (51) Int. Cl.  
**G06N 10/20** ( 2022.01 )  
**G06N 10/40** ( 2022.01 )  
**G06N 10/60** ( 2022.01 )  
**G06N 5/02** ( 2023.01 )  
**G06N 20/10** ( 2019.01 )  
 (87) WO2023/281029  
 (31) 21305938.9 (32) 07.07.21 (33) EP  
 (43) 12.01.2023  
 (72) HENRIET, Loïc; HENRY, Louis-Paul; DALYAC, Constantin; THABET, Sli-mané  
 (74) Griffith Hack

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(71) PEARLSINMIRES CO., LTD.  
 (11) AU-A-2022338621  
 (21) 2022338621 (22) 29.08.2022  
 (54) ADP-RIBOSE BINDING PEPTIDE HAVING ANTICANCER ACTIVITY AND USE THEREOF  
 (51) Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- C07K 14/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07H 19/207** ( 2006.01 )
- (87) WO2023/033481  
(31) 10-2021-0117046 (32) 02.09.21 (33) KR  
(43) 09.03.2023  
(72) JEONG, Keun-Yeong; PARK, Min Hee  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) PEARLSINMIRE CO., LTD.  
(11) AU-A-2022341787  
(21) 2022341787 (22) 02.09.2022  
(54) USE OF ADENOSINE DIPHOSPHATE RIBOSE AS ADJUVANT THERAPY FOR RADIATION AND/OR ANTICANCER THERAPY  
(51) Int. Cl.  
**A61K 31/7076** ( 2006.01 )  
**A61K 41/00** ( 2020.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )
- (87) WO2023/038368  
(31) 10-2021-0118942 (32) 07.09.21 (33) KR  
(43) 16.03.2023  
(72) JEONG, Keun-Yeong; PARK, Min Hee  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) PELLENC  
(11) AU-A-2022296951  
(21) 2022296951 (22) 24.06.2022  
(54) MECHANICAL GRAPE HARVESTING MACHINE WITH A MEANS FOR CONTINUOUSLY MONITORING THE WEIGHT OF THE GRAPE HARVEST  
(51) Int. Cl.  
**A01D 46/28** ( 2006.01 )
- (87) WO2022/269552  
(31) FR2106819 (32) 25.06.21 (33) FR  
(43) 29.12.2022  
(72) HAMEL, Matthieu; ROGIER, Alexandre  
(74) Griffith Hack
- 
- (71) PEPSICO, INC.  
(11) AU-A-2022291870  
(21) 2022291870 (22) 17.06.2022  
(54) COMPOSITIONS PROVIDING SLOW RELEASE OF CAFFEINE  
(51) Int. Cl.  
**A61K 31/522** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**C08G 18/32** ( 2006.01 )  
A23L 33/10 ( 2016.01 )
- (87) WO2022/266442  
(31) 202110670135.9 (32) 17.06.21 (33) CN  
(43) 22.12.2022  
(72) WANG, Yu; NO, DaSom; FANG, Yuan; TRUSLER, Nelson; BROWNE, Damian; ZHAO, Xin; TIAN, Meng; ZHANG, Shiyi; MEYER, George  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) PEPSICO, INC.  
(11) AU-A-2022292571  
(21) 2022292571 (22) 14.06.2022
- (54) ANOMALY DETECTION USING MACHINE LEARNING MODELS AND SIMILARITY REGULARIZATION  
(51) Int. Cl.  
**G06N 20/20** ( 2019.01 )
- (87) WO2022/266078  
(31) 17/348,294 (32) 15.06.21 (33) US  
(43) 22.12.2022  
(72) IMAS, Michael; SAXE, Ryan  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) PEPSICO, INC.  
(11) AU-A-2022294905  
(21) 2022294905 (22) 17.06.2022  
(54) COMPOSITIONS PROVIDING SLOW RELEASE OF CAFFEINE AND BEVERAGES COMPRISING THE SAME  
(51) Int. Cl.  
**A23F 5/24** ( 2006.01 )  
A23L 2/00 ( 2006.01 )  
A23L 2/52 ( 2006.01 )
- (87) WO2022/266441  
(31) 202110670303.4 (32) 17.06.21 (33) CN  
(43) 22.12.2022  
(72) WANG, Yu; NO, DaSom; FANG, Yuan; TRUSLER, Nelson; BROWNE, Damian; ZHAO, Xin; TIAN, Meng; ZHANG, Shiyi; MEYER, George; BHATNAGAR, Rohil  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) PHILIP, P.  
(11) AU-A-2022273048  
(21) 2022273048 (22) 13.05.2022  
(54) MAGNET-BASED ORTHODONTIC APPLIANCE  
(51) Int. Cl.  
**A61C 7/00** ( 2006.01 )  
**A61C 7/08** ( 2006.01 )  
**A61C 7/10** ( 2006.01 )  
**A61C 7/36** ( 2006.01 )
- (87) WO2022/241223  
(31) 63/201,816 (32) 14.05.21 (33) US  
(43) 17.11.2022  
(72) PHILIP, Pramod  
(74) Spruson & Ferguson
- 
- (71) PLANETE  
(11) AU-A-2022287267  
(21) 2022287267 (22) 03.06.2022  
(54) DEVICE FOR PICKING UP, HOLDING AND HANDLING INPUT/DISPLAY UNITS  
(51) Int. Cl.  
**H04M 1/02** ( 2006.01 )  
**B25G 1/10** ( 2006.01 )  
**F16M 13/04** ( 2006.01 )  
**H04B 1/3827** ( 2015.01 )  
**H04M 1/04** ( 2006.01 )
- (87) WO2022/254166  
(31) FR2105938 (32) 05.06.21 (33) FR  
(43) 08.12.2022  
(72) MOSTEFAÏ, Youcef  
(74) Griffith Hack
- 
- (71) PLUG POWER INC.  
(11) AU-A-2022284976  
(21) 2022284976 (22) 01.06.2022  
(54) FUEL CELL STACK  
(51) Int. Cl.  
**H01M 8/0271** ( 2016.01 )  
**H01M 8/0234** ( 2016.01 )  
**H01M 8/0286** ( 2016.01 )  
**H01M 8/10** ( 2016.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/2418** ( 2016.01 )
- (87) WO2022/256804  
(31) 17/335,238 (32) 01.06.21 (33) US  
(43) 08.12.2022  
(72) CARLSTROM, Charles  
(74) Zone Law Limited
- 
- (71) PORTRAI INC.  
(11) AU-A-2022298105  
(21) 2022298105 (22) 23.05.2022  
(54) EXPLORATION APPARATUS, SYSTEM, AND COMPUTER PROGRAM FOR EXPLORING MOLECULAR MARKER OR PHYSIOLOGICAL ACTIVITY INFORMATION IN TISSUE RELATING TO DISTRIBUTION OR PHYSIOLOGICAL ACTIVITY OF MATERIAL UNDER EXPLORATION  
(51) Int. Cl.  
**G16B 15/30** ( 2019.01 )  
**G16B 25/00** ( 2019.01 )  
**G16B 35/10** ( 2019.01 )  
**G16B 40/00** ( 2019.01 )  
**G16B 45/00** ( 2019.01 )  
**G16C 20/10** ( 2019.01 )  
**G16C 20/30** ( 2019.01 )
- (87) WO2022/270770  
(31) 10-2021-0083446 (32) 25.06.21 (33) KR  
10-2022-0042378 05.04.22 KR  
10-2022-0057185 10.05.22 KR  
(43) 29.12.2022  
(72) CHOI, Jin Yeong; PARK, Jeongbin  
(74) Griffith Hack
- 
- (71) POWERX, INC.  
(11) AU-A-2022330651  
(21) 2022330651 (22) 12.08.2022  
(54) SYSTEM AND METHOD FOR TRANSPORTING ENERGY BY SHIP  
(51) Int. Cl.  
**H02J 15/00** ( 2006.01 )  
**B63B 25/02** ( 2006.01 )
- (87) WO2023/022103  
(31) 2021-132402 (32) 16.08.21 (33) JP  
(43) 23.02.2023  
(72) ITO Masahiro  
(74) LAMINAR IP PTY LTD
- 
- (71) PPG INDUSTRIES OHIO, INC.  
(11) AU-A-2022282537  
(21) 2022282537 (22) 24.05.2022  
(54) SYSTEMS, METHODS, AND INTERFACES FOR DETERMINING A REFINISH ESTIMATE FOR AN ASSET  
(51) Int. Cl.  
**G06F 30/20** ( 2020.01 )  
**B05D 5/00** ( 2006.01 )  
**B60S 5/00** ( 2006.01 )  
**G01J 3/46** ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- G06F 30/10** ( 2020.01 )  
**(87)** WO2022/251819  
**(31)** 63/193,160 **(32)** 26.05.21 **(33)** US  
**(43)** 01.12.2022  
**(72)** LYNCH, Matthew K.; TULLETT, Nicholas; NEVELL, Timothy W.; NORRIS, Alison M.  
**(74)** Minter Ellison
- 
- (71)** PPG INDUSTRIES OHIO, INC.  
**(11)** AU-A-2022291957  
**(21)** 2022291957 **(22)** 16.06.2022  
**(54)** MULTI-COMPONENT POWDER COATING COMPOSITIONS AND METHODS FOR HEAT SENSITIVE SUBSTRATES  
**(51)** Int. Cl.  
**C09D 5/03** ( 2006.01 )  
**(87)** WO2022/266647  
**(31)** 63/202,635 **(32)** 18.06.21 **(33)** US  
 63/237,159 26.08.21 US  
**(43)** 22.12.2022  
**(72)** MCBEAN, Brian C.; MUTHIAH, Jen  
**(74)** Minter Ellison
- 
- (71)** PREVIPHARMA CONSULTING GMBH; CSL BEHRING AG  
**(11)** AU-A-2022288369  
**(21)** 2022288369 **(22)** 07.06.2022  
**(54)** PROCESS FOR ISOLATING PLASMINOGEN FROM A BLOOD PLASMA FRACTION  
**(51)** Int. Cl.  
**C12N 9/68** ( 2006.01 )  
**A61K 38/48** ( 2006.01 )  
**(87)** WO2022/258590  
**(31)** 21178363.4 **(32)** 08.06.21 **(33)** EP  
**(43)** 15.12.2022  
**(72)** MANDAGO, Maurice; WELZ, Ricarda; KIESSIG, Stephan T.; GERBER, Simon  
**(74)** FB Rice Pty Ltd
- 
- (71)** PROPFLOW, LLC  
**(11)** AU-A-2022293800  
**(21)** 2022293800 **(22)** 16.06.2022  
**(54)** WELLSITE WET SCREENING SYSTEMS FOR PROPPANTS AND METHODS OF USING SAME  
**(51)** Int. Cl.  
**B65D 88/30** ( 2006.01 )  
**B65D 83/06** ( 2006.01 )  
**B65D 88/26** ( 2006.01 )  
**B65G 15/30** ( 2006.01 )  
**(87)** WO2022/266649  
**(31)** 63/366,313 **(32)** 13.06.22 **(33)** US  
 63/211,509 16.06.21 US  
 17/807,133 15.06.22 US  
**(43)** 22.12.2022  
**(72)** MITCHELL, Jeremy Britt; MARTIN, Christopher Shane  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** PRP CONCEPTS, INC.  
**(11)** AU-A-2022283171  
**(21)** 2022283171 **(22)** 12.05.2022  
**(54)** METHODS AND SYSTEMS FOR PREPARATION OF MONONUC-
- LEAR-PLATELET RICH FIBRIN MATRIX, AND COMPOUNDS THEREOF  
**(51)** Int. Cl.  
**A61K 35/14** ( 2015.01 )  
**A61K 35/16** ( 2015.01 )  
**A61M 1/36** ( 2006.01 )  
**(87)** WO2022/250969  
**(31)** 63/193,889 **(32)** 27.05.21 **(33)** US  
**(43)** 01.12.2022  
**(72)** CARROLL, Richard, J.  
**(74)** Griffith Hack
- 
- (71)** QINETIQ LIMITED  
**(11)** AU-A-2022286623  
**(21)** 2022286623 **(22)** 31.05.2022  
**(54)** A METHOD OF PRINTING A COMPONENT IN AN ELECTROCHEMICAL CELL  
**(51)** Int. Cl.  
**H01M 4/04** ( 2006.01 )  
**H01M 4/08** ( 2006.01 )  
**H01M 4/24** ( 2006.01 )  
**H01M 4/52** ( 2010.01 )  
**H01M 4/583** ( 2010.01 )  
**H01M 4/62** ( 2006.01 )  
**(87)** WO2022/253835  
**(31)** 2108059.3 **(32)** 04.06.21 **(33)** GB  
**(43)** 08.12.2022  
**(72)** REID, Max William Angus; WILLIAMS, Robert Nathan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** QINETIQ LIMITED  
**(11)** AU-A-2022287204  
**(21)** 2022287204 **(22)** 31.05.2022  
**(54)** A METHOD OF PRINTING A COMPONENT IN AN ELECTROCHEMICAL CELL  
**(51)** Int. Cl.  
**H01M 10/0565** ( 2010.01 )  
**H01M 10/0585** ( 2010.01 )  
**(87)** WO2022/253836  
**(31)** 2108056.9 **(32)** 04.06.21 **(33)** GB  
**(43)** 08.12.2022  
**(72)** REID, Max William Angus; WILLIAMS, Robert Nathan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** RED EARTH ENERGY STORAGE LTD  
**(11)** AU-A-2022293195  
**(21)** 2022293195 **(22)** 14.06.2022  
**(54)** SOLAR ENERGY STORAGE SYSTEM FOR BLOCKCHAIN PROCESSING  
**(51)** Int. Cl.  
**G05B 13/02** ( 2006.01 )  
**G05B 21/02** ( 2006.01 )  
**G05F 1/10** ( 2006.01 )  
**H02J 1/10** ( 2006.01 )  
**H02J 3/00** ( 2006.01 )  
**H02J 3/14** ( 2006.01 )  
**H02J 3/32** ( 2006.01 )  
**H02J 3/38** ( 2006.01 )  
**H02J 3/46** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**H02J 7/02** ( 2016.01 )  
**H02J 7/04** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**H02M 7/00** ( 2006.01 )  
**H02S 40/38** ( 2014.01 )
- 
- H04L 9/00** ( 2022.01 )  
**H04L 67/104** ( 2022.01 )  
**H05K 5/00** ( 2006.01 )  
**H05K 7/20** ( 2006.01 )  
**(87)** WO2022/261698  
**(31)** 2021901787 **(32)** 15.06.21 **(33)** AU  
**(43)** 22.12.2022  
**(72)** WALKER, Charles; WHALEY, Jeremy  
**(74)** Spruson & Ferguson
- 
- (71)** REGENERON PHARMACEUTICALS, INC.; CENTER FOR NON-COMMUNICABLE DISEASES  
**(11)** AU-A-2022285676  
**(21)** 2022285676 **(22)** 01.06.2022  
**(54)** TREATMENT OF CEREBROVASCULAR DISEASE WITH NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 3 (NOTCH3) AGENTS  
**(51)** Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2022/256396  
**(31)** 63/195,970 **(32)** 02.06.21 **(33)** US  
**(43)** 08.12.2022  
**(72)** RODRIGUEZ-FLORES, Juan; SHULDINER, Alan; BARAS, Aris; SALEHEEN, Danish; KHALID, Shareef  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** REGENERON PHARMACEUTICALS, INC.  
**(11)** AU-A-2022286340  
**(21)** 2022286340 **(22)** 01.06.2022  
**(54)** MICROCHIP CAPILLARY ELECTROPHORESIS ASSAYS AND REAGENTS  
**(51)** Int. Cl.  
**G01N 27/447** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 1/26** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2022/256383  
**(31)** 17/368,377 **(32)** 06.07.21 **(33)** US  
 17/335,756 01.06.21 US  
**(43)** 08.12.2022  
**(72)** RIEHLMAN, Timothy; CARREAU, Gabriel; SCHNEIDERHEINZE, Jeffrey; NALL, Nicole, M.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** REGENERON PHARMACEUTICALS, INC.  
**(11)** AU-A-2022292792  
**(21)** 2022292792 **(22)** 13.06.2022  
**(54)** BISPECIFIC IL-2- AND ANTI-PD-1-BASED THERAPEUTICS AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 14/55** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2022/266598  
**(31)** 63/210,111 **(32)** 14.06.21 **(33)** US  
 63/365,375 26.05.22 US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 22.12.2022  
 (72) LIN, Chia-Yang; WU, Jiaxi; BLOCH, Nicolin; ZHANG, Tong; DAVIS, Samuel; SMITH, Eric; ULLMAN, Erica  
 (74) FB Rice Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022300984  
 (21) 2022300984 (22) 30.06.2022  
 (54) METHODS OF TREATING DECREASED BONE MINERAL DENSITY WITH KRINGLE CONTAINING TRANS-MEMBRANE PROTEIN 1 (KREMEN1) INHIBITORS  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/713 ( 2006.01 )  
 C12Q 1/6883 ( 2018.01 )  
 (87) WO2023/278741  
 (31) 63/218,212 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) BOVIJN, Jonas; SOSINA, Olukayode; LOTTA, Luca Andrea; BARAS, Aris  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022302071  
 (21) 2022302071 (22) 30.06.2022  
 (54) METHODS OF TREATING A METABOLIC DISORDER WITH MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE 15 (MAP3K15) INHIBITORS  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/7105 ( 2006.01 )  
 A61K 31/713 ( 2006.01 )  
 C12Q 1/6883 ( 2018.01 )  
 (87) WO2023/278677  
 (31) 63/217,906 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) FERREIRA, Manuel Allen Revez; BACKMAN, Joshua; LI, Alexander; LOTTA, Luca Andrea; ABECASIS, Goncalo; BARAS, Aris  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022302084  
 (21) 2022302084 (22) 30.06.2022  
 (54) TREATMENT OF DECREASED BONE MINERAL DENSITY WITH WNT FAMILY MEMBER 5B (WNT5B) INHIBITORS  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/713 ( 2006.01 )  
 A61P 19/10 ( 2006.01 )  
 (87) WO2023/278787  
 (31) 63/218,209 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) BOVIJN, Jonas; SOSINA, Olukayode; LOTTA, Luca Andrea; BARAS, Aris  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022304677  
 (21) 2022304677 (22) 30.06.2022  
 (54) METHODS OF TREATING ASTHMA WITH SOLUTE CARRIER FAMILY 27 MEMBER 3 (SLC27A3) INHIBITORS  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/713 ( 2006.01 )  
 A61P 11/06 ( 2006.01 )  
 (87) WO2023/278664  
 (31) 63/217,913 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) FERREIRA, Manuel Allen Revez; BACKMAN, Joshua; LI, Alexander; ABECASIS, Goncalo; HOROWITZ, Julie; SIMINOVITCH, Katherine; BARAS, Aris  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022304904  
 (21) 2022304904 (22) 28.06.2022  
 (54) NMR METHODS FOR ANTIBODY HIGHER ORDER STRUCTURE COMPARABILITY  
 (51) Int. Cl.  
 G01R 33/46 ( 2006.01 )  
 G01N 24/08 ( 2006.01 )  
 G01R 33/465 ( 2006.01 )  
 (87) WO2023/278443  
 (31) 63/216,501 (32) 29.06.21 (33) US  
 (43) 05.01.2023  
 (72) DIKIY, Igor; MATOUSEK, William  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022306689  
 (21) 2022306689 (22) 05.07.2022  
 (54) METHODS OF TREATING SKIN CANCER WITH HISTIDINE AMMONIA-LYASE (HAL) AGONISTS  
 (51) Int. Cl.  
 C12N 9/88 ( 2006.01 )  
 A61K 31/03 ( 2006.01 )  
 A61K 38/51 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 G01N 33/50 ( 2006.01 )  
 (87) WO2023/283558  
 (31) 63/219,460 (32) 08.07.21 (33) US  
 (43) 12.01.2023  
 (72) FERREIRA, Manuel Allen Revez; BACKMAN, Joshua; LI, Alexander; KESSLER, Michael; JORGENSON, Eric; BARAS, Aris; ABECASIS, Goncalo  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022307083  
 (21) 2022307083 (22) 05.07.2022  
 (54) METHODS OF TREATING SKIN CANCER WITH CARBOXYPEPTIDASE VI-TTELLOGENIC LIKE (CPVL) INHIBITORS  
 (51) Int. Cl.  
 C12N 15/00 ( 2006.01 )  
 A61K 31/713 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C12Q 1/6886 ( 2018.01 )  
 (87) WO2023/283556  
 (31) 63/219,464 (32) 08.07.21 (33) US  
 (43) 12.01.2023  
 (72) ZHANG, Xinyuan; HOROWITZ, Julie; SEMRAU, Stefan; ABECASIS, Goncalo; THURSTON, Gavin; JORGENSON, Eric; BARAS, Aris  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022307546  
 (21) 2022307546 (22) 05.07.2022  
 (54) TREATMENT OF VARICOSE VEINS WITH PIEZO TYPE MECHANO-SENSITIVE ION CHANNEL COMPONENT 1 (PIEZO1) AGONISTS  
 (51) Int. Cl.  
 C12Q 1/6883 ( 2018.01 )  
 (87) WO2023/283560  
 (31) 63/219,462 (32) 08.07.21 (33) US  
 (43) 12.01.2023  
 (72) FERREIRA, Manuel Allen Revez; BACKMAN, Joshua; LI, Alexander; BARAS, Aris; ABECASIS, Goncalo  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REMONI A/S  
 (11) AU-A-2022304000  
 (21) 2022304000 (22) 17.06.2022  
 (54) ULTRASONIC FLOW SENSOR AND THERMAL ENERGY SENSOR WITH NON-INVASIVE IDENTIFICATION OF NO-FLOW AND IMPROVED ACCURACY  
 (51) Int. Cl.  
 G01F 1/66 ( 2022.01 )  
 G01F 1/68 ( 2006.01 )  
 G01P 13/00 ( 2006.01 )  
 (87) WO2023/274476  
 (31) PA202100690 (32) 27.06.21 (33) DK  
 PA202200049 19.01.22 DK  
 (43) 05.01.2023  
 (72) MADSEN, Bo Eskerod  
 (74) LAMINAR IP PTY LTD
- 
- (71) REMONI TECHNOLOGIES RO SRL  
 (11) AU-A-2022303540  
 (21) 2022303540 (22) 17.06.2022  
 (54) FLOW SENSOR AND METHOD USING TEMPERATURE TO IMPROVE MEASUREMENTS FOR LOW RATES  
 (51) Int. Cl.  
 G01F 1/66 ( 2022.01 )  
 G01K 13/02 ( 2021.01 )  
 (87) WO2023/274474  
 (31) PA202100690 (32) 27.06.21 (33) DK  
 PA202200049 19.01.22 DK  
 (43) 05.01.2023  
 (72) MADSEN, Bo Eskerod  
 (74) LAMINAR IP PTY LTD

PCT applications which have entered the National Phase - Name Index cont'd

- (71) RENEW HEALTH LIMITED  
 (11) AU-A-2022277419  
 (21) 2022277419 (22) 17.05.2022  
 (54) CONTAINER HAVING A RESEALABLE CAP  
 (51) Int. Cl.  
*B65D 39/08* ( 2006.01 )  
*B65D 43/02* ( 2006.01 )  
*B65D 55/02* ( 2006.01 )  
 (87) WO2022/245806  
 (31) 63/190,127 (32) 18.05.21 (33) US  
 63/282,609 23.11.21 US  
 (43) 24.11.2022  
 (72) TALLY, William; DUPUIS, Jeffrey;  
 RUFFOLO, Alex; BHARGAVA, Manoj  
 (74) Spruson & Ferguson
- 
- (71) RESEARCH TRIANGLE INSTITUTE  
 (11) AU-A-2022303530  
 (21) 2022303530 (22) 01.07.2022  
 (54) SYSTEMS, METHODS, AND DEVICES FOR DETECTING VIRAL RESPIRATORY ILLNESS IN PRESYMPTOMATIC AND ASYMPTOMATIC INFECTED PERSONS  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 5/01* ( 2006.01 )  
*A61B 5/024* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
*A61B 5/11* ( 2006.01 )  
*A61B 5/1455* ( 2006.01 )  
*A61B 5/332* ( 2021.01 )  
 (87) WO2023/279082  
 (31) 63/217,787 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) GILCHRIST, Kristin, Hedgepath;  
 HEGARTY-CRAVER, Meghan, Sarah;  
 TEMPLE, Dorota; FURBERG, Robert  
 (74) WRAYS PTY LTD
- 
- (71) REYNOLDS PRESTO PRODUCTS INC.  
 (11) AU-A-2022304684  
 (21) 2022304684 (22) 27.05.2022  
 (54) IMPROVED CONNECTION DEVICE FOR FASTENING EXPANDED CELL CONFINEMENT STRUCTURES AND METHODS FOR DOING THE SAME  
 (51) Int. Cl.  
*F16B 21/02* ( 2006.01 )  
*E02D 17/20* ( 2006.01 )  
 (87) WO2023/278079  
 (31) 17/364,037 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) DICKEY, Michael, J.; WEDIN, Bryan, Scott; SCHNEIDER, Cory, S.;  
 BOUCHARD, Katie, L.; GEORGE, Joseph, P.; VANDER LINDEN, Jennifer, A.  
 (74) Spruson & Ferguson
- 
- (71) RIFENG ENTERPRISE (FOSHAN) CO., LTD.; RIFENG ENTERPRISE GROUP CO., LTD.; RIFENG TECHNOLOGY CO., LTD.  
 (11) AU-A-2022329053  
 (21) 2022329053 (22) 23.06.2022
- (54) PIPELINE SUPPLY SYSTEM AND PIPELINE CONNECTION STRUCTURE THEREOF  
 (51) Int. Cl.  
*F16L 37/08* ( 2006.01 )  
*F16L 21/08* ( 2006.01 )  
*F16L 37/091* ( 2006.01 )  
*F16L 37/092* ( 2006.01 )  
 (87) WO2023/020116  
 (31) 202110946881.6 (32) 18.08.21 (33) CN  
 (43) 23.02.2023  
 (72) LIN, Xiyong; DIAO, Zhenbin; CAO, Huijian; LUO, Fei; CHENG, Jiajia; HE, Wangzhi  
 (74) James & Wells Intellectual Property
- 
- (71) RIMERE, LLC  
 (11) AU-A-2022285734  
 (21) 2022285734 (22) 02.06.2022  
 (54) SYSTEMS AND METHODS OF PLASMA GENERATION WITH MICROWAVES  
 (51) Int. Cl.  
*H01J 37/32* ( 2006.01 )  
 (87) WO2022/256528  
 (31) 63/195,946 (32) 02.06.21 (33) US  
 (43) 08.12.2022  
 (72) HILL, Garrett  
 (74) Spruson & Ferguson
- 
- (71) RÖNTGEN TECHNISCHE DIENST B.V.  
 (11) AU-A-2022366630  
 (21) 2022366630 (22) 07.09.2022  
 (54) METHOD FOR EXAMINING THE INTERIOR MATERIAL OF AN OBJECT, SYSTEM FOR CARRYING OUT THE METHOD, AND USE OF THE SYSTEM  
 (51) Int. Cl.  
*G01N 29/06* ( 2006.01 )  
 (87) WO2023/063814  
 (31) 2029384 (32) 12.10.21 (33) NL  
 (43) 20.04.2023  
 (72) HÖRCHENS, Lars  
 (74) GLMR
- 
- (71) ROTOJAR INNOVATIONS LIMITED  
 (11) AU-A-2022272004  
 (21) 2022272004 (22) 13.05.2022  
 (54) DOWNHOLE TORQUE REDUCER  
 (51) Int. Cl.  
*E21B 17/10* ( 2006.01 )  
 (87) WO2022/238562  
 (31) 2106864.8 (32) 13.05.21 (33) GB  
 (43) 17.11.2022  
 (72) MOYES, Peter, Barnes  
 (74) Griffith Hack
- 
- (71) S&C ELECTRIC COMPANY  
 (11) AU-A-2022308626  
 (21) 2022308626 (22) 08.06.2022  
 (54) METHOD AND APPARATUS FOR ENERGY HARVESTING FROM A CURRENT SOURCE  
 (51) Int. Cl.  
*H02J 50/00* ( 2016.01 )  
*H02J 11/00* ( 2006.01 )
- (87) WO2023/283012  
 (31) 63/220,288 (32) 09.07.21 (33) US  
 (43) 12.01.2023  
 (72) TAJFAR, Alireza; KLIPPEL, Todd W.  
 (74) Spruson & Ferguson
- 
- (71) SAGE THERAPEUTICS, INC.  
 (11) AU-A-2022291395  
 (21) 2022291395 (22) 10.06.2022  
 (54) NEUROACTIVE STEROID FOR THE TREATMENT OF ALZHEIMER'S DISEASE  
 (51) Int. Cl.  
*A61K 31/575* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (87) WO2022/261510  
 (31) 63/209,929 (32) 11.06.21 (33) US  
 63/289,081 13.12.21 US  
 63/321,598 18.03.22 US  
 (43) 15.12.2022  
 (72) DOHERTY, James, J.; QUIRK, Michael, C.; ROBICHAUD, Albert, Jean;  
 KOENIG, Aaron, Michael  
 (74) Spruson & Ferguson
- 
- (71) SAHIN, F.; DEMIR, S.  
 (11) AU-A-2022459560  
 (21) 2022459560 (22) 13.06.2022  
 (54) USE OF LUTETIUM SALT COMPOUNDS FOR ANTIVIRAL EFFECT  
 (51) Int. Cl.  
*A61K 33/244* ( 2019.01 )  
*A61P 31/12* ( 2006.01 )  
 (43) 04.01.2024  
 (72) SAHIN, Fikrettin; DEMIR, Sevda  
 (74) Spruson & Ferguson
- 
- (71) SANDVIK MINING AND CONSTRUCTION TOOLS AB  
 (11) AU-A-2022312655  
 (21) 2022312655 (22) 08.07.2022  
 (54) CEMENTED CARBIDE INSERT FOR MINING OR CUTTING APPLICATIONS COMPRISING GAMMA PHASE CARBIDE  
 (51) Int. Cl.  
*B22F 7/00* ( 2006.01 )  
*C22C 1/05* ( 2023.01 )  
*C22C 29/06* ( 2006.01 )  
*C22C 29/08* ( 2006.01 )  
*B22F 3/24* ( 2006.01 )  
*B22F 5/00* ( 2006.01 )  
*E21B 10/46* ( 2006.01 )  
 (87) WO2023/285316  
 (31) 21185471.6 (32) 14.07.21 (33) EP  
 (43) 19.01.2023  
 (72) MÅRTENSSON, Malin; MADERUD, Carl-Johan; NORDGREN, Anders;  
 GARCIA, José Luis  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SANDVIK SRP AB  
 (11) AU-A-2022299265  
 (21) 2022299265 (22) 21.06.2022

PCT applications which have entered the National Phase - Name Index cont'd

- (54) BOLTING ASSEMBLY FOR CONE CRUSHER  
 Anna E.; WIGGINS, Alex; MADONNA, Nicole
- (51) Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**B02C 2/04** ( 2006.01 )
- (87) WO2022/268787  
 (31) 21180522.1 (32) 21.06.21 (33) EP  
 (43) 29.12.2022
- (72) GUNNARSSON, Johan; DAUTOVIC, Sukrija  
 (74) Griffith Hack
- 
- (71) SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE  
 (11) AU-A-2022291133  
 (21) 2022291133 (22) 08.06.2022  
 (54) METHODS AND COMPOSITIONS FOR CELL REPROGRAMMING  
 (51) Int. Cl.  
**A61K 31/7088** ( 2006.01 )  
**A61K 35/30** ( 2015.01 )  
**A61K 35/33** ( 2015.01 )  
**A61K 35/34** ( 2015.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**C12N 5/077** ( 2010.01 )  
**C12N 5/0793** ( 2010.01 )  
**C12N 15/113** ( 2010.01 )  
 (87) WO2022/261212  
 (31) 63/208,414 (32) 08.06.21 (33) US  
 (43) 15.12.2022  
 (72) COLAS, Alexandre; MISSINATO, Maria Azzurra; YU, Michael S.  
 (74) FB Rice Pty Ltd
- 
- (71) SAREPTA THERAPEUTICS, INC.  
 (11) AU-A-2022279062  
 (21) 2022279062 (22) 13.05.2022  
 (54) PRODUCTION OF RECOMBINANT AAV VECTORS FOR TREATING MUSCULAR DYSTROPHY  
 (51) Int. Cl.  
**C12N 15/864** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (87) WO2022/245675  
 (31) 63/189,676 (32) 17.05.21 (33) US  
 63/209,733 11.06.21 US  
 63/243,944 14.09.21 US  
 63/253,998 08.10.21 US  
 (43) 24.11.2022  
 (72) ALAM, Maroof; RODINO-KLAPAC, Louise  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SAVANT SYSTEMS, INC.  
 (11) AU-A-2022288055  
 (21) 2022288055 (22) 05.06.2022  
 (54) FLEXIBLE LOAD MANAGEMENT SYSTEM  
 (51) Int. Cl.  
**H02J 3/14** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
 (87) WO2022/260973  
 (31) 17/343,122 (32) 09.06.21 (33) US  
 (43) 15.12.2022  
 (72) MADONNA, Robert P.; DILLON, William H.; CHAPMAN, Daniel H.; DEMEO, Anna E.; WIGGINS, Alex; MADONNA, Nicole  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SCHLUMBERGER TECHNOLOGY B.V.  
 (11) AU-A-2022297596  
 (21) 2022297596 (22) 27.06.2022  
 (54) CUTTING TOOL AND CONTROLS FOR DOWNHOLE MECHANICAL SERVICES  
 (51) Int. Cl.  
**E21B 29/00** ( 2006.01 )  
**E21B 23/00** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**E21B 47/06** ( 2012.01 )  
**E21B 47/12** ( 2012.01 )  
 (87) WO2022/272161  
 (31) 63/215,269 (32) 25.06.21 (33) US  
 (43) 29.12.2022  
 (72) SHEIRETOV, Todor; CASASSA, Joseph Matthew; GIEM, Gregory Jay; ENGEL, David; KLYUZHEV, Maxim Alekseevich; WURTZ, Joshua; DIONISIO, Albert; WIESENBORN, Robert Kyle; STEVENSON, Philip  
 (74) Griffith Hack
- 
- (71) SCHOFIELD TECHNOLOGIES, INC.  
 (11) AU-A-2022275363  
 (21) 2022275363 (22) 12.05.2022  
 (54) RAPID WALL BUILDING SYSTEM AND METHOD  
 (51) Int. Cl.  
**E04B 1/61** ( 2006.01 )  
**E04B 1/02** ( 2006.01 )  
**E04B 1/38** ( 2006.01 )  
**E04B 2/00** ( 2006.01 )  
**E04B 2/08** ( 2006.01 )  
 (87) WO2022/241063  
 (31) 63/187,438 (32) 12.05.21 (33) US  
 29/787,993 09.06.21 US  
 29/787,996 09.06.21 US  
 29/787,999 09.06.21 US  
 63/208,949 09.06.21 US  
 63/223,779 20.07.21 US  
 63/316,386 03.03.22 US  
 29/834,548 12.04.22 US  
 63/340,537 11.05.22 US  
 (43) 17.11.2022  
 (72) SCHOFIELD, William J.; CANNON, Daniel Scott; KMITA, Gerard J.; MASSER, Jeremy  
 (74) Spruson & Ferguson
- 
- (71) SCORPION THERAPEUTICS, INC.  
 (11) AU-A-2022292554  
 (21) 2022292554 (22) 13.06.2022  
 (54) UREA DERIVATIVES WHICH CAN BE USED TO TREAT CANCER  
 (51) Int. Cl.  
**C07D 307/81** ( 2006.01 )  
**A61K 31/343** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )
- 
- (71) SCRUB DADDY, INC.  
 (11) AU-A-2022305083  
 (21) 2022305083 (22) 30.06.2022  
 (54) TABLET DISPENSING PRODUCT  
 (51) Int. Cl.  
**B65D 83/04** ( 2006.01 )  
**A61J 7/02** ( 2006.01 )  
**A61J 7/04** ( 2006.01 )  
 (87) WO2023/278717  
 (31) 63/218,176 (32) 02.07.21 (33) US  
 (43) 05.01.2023  
 (72) O'BRIEN, John, Edward Lee; KRAUSE, Aaron, C.; TITOV, Aleksandrs; VACCARO, Joe, M.; VACCARO, Sheila  
 (74) Spruson & Ferguson
- 
- (71) SEALY TECHNOLOGY, LLC  
 (11) AU-A-2022298944  
 (21) 2022298944 (22) 24.06.2022  
 (54) HYBRID PILLOW  
 (51) Int. Cl.  
**A47G 9/10** ( 2006.01 )  
**A47C 27/045** ( 2006.01 )  
**A47C 27/06** ( 2006.01 )  
 (87) WO2022/272079  
 (31) 63/214,505 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) MANUSZAK, Brian M.; HANSON, Robbie; BEAMON, James A.; PLATEK, Allen M.  
 (74) Spruson & Ferguson
- 
- (71) SEALY TECHNOLOGY, LLC  
 (11) AU-A-2022299497  
 (21) 2022299497 (22) 24.06.2022  
 (54) TWO-SIDED HYBRID MATTRESS TOPPER  
 (51) Int. Cl.  
**A47C 27/06** ( 2006.01 )  
**A47C 27/05** ( 2006.01 )  
 (87) WO2022/272066  
 (31) 63/214,502 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) TAR, Kevin; BEAMON, James A.; MANUSZAK, Brian M.; PLATEK, Allen M.; TAR, Alanda; LEWIS, Jessica Lee; MANUSZAK, Diane  
 (74) Spruson & Ferguson
- 
- (71) SEALY TECHNOLOGY, LLC  
 (11) AU-A-2022299502

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022299502 (22) 24.06.2022  
 (54) MOLDED HYBRID PILLOW  
 (51) Int. Cl.  
 A47C 27/20 ( 2006.01 )  
 A47C 27/045 ( 2006.01 )  
 A47C 27/05 ( 2006.01 )  
 A47G 9/10 ( 2006.01 )  
 (87) WO2022/272072  
 (31) 63/214,503 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) MANUSZAK, Brian M.; HANSON, Rob-  
 bie; BEAMON, James A.; PLATEK, Al-  
 len M.  
 (74) Spruson & Ferguson
- 
- (71) SERVICENOW, INC.  
 (11) AU-A-2022325703  
 (21) 2022325703 (22) 23.05.2022  
 (54) SUPPORT FOR MULTI-TYPE USERS  
 IN A SINGLE-TYPE COMPUTING  
 SYSTEM  
 (51) Int. Cl.  
 G06F 16/28 ( 2019.01 )  
 G06F 16/22 ( 2019.01 )  
 H04L 41/40 ( 2022.01 )  
 (87) WO2023/018463  
 (31) 17/397,480 (32) 09.08.21 (33) US  
 (43) 16.02.2023  
 (72) SEGUIN, Vincent; CASEY, Patrick;  
 SCHUMANN, David; LEE, Szu-hsuan  
 (74) Madderns Pty Ltd
- 
- (71) SHANDONG WEIFANG RAINBOW  
 CHEMICAL CO., LTD  
 (11) AU-A-2023219866  
 (21) 2023219866 (22) 07.06.2023  
 (54) Compound, Preparation Method There-  
 for and Application of Compound in  
 Preparation of Bicyclopyrone Intermedi-  
 ate  
 (51) Int. Cl.  
 C07C 67/343 ( 2006.01 )  
 (31) 202210637542.4 (32) 08.06.22 (33) CN  
 (43) 04.01.2024  
 (72) LI, Zhiqing; GONG, Fenghua; ZHANG,  
 Haichao; ZHANG, Hongquan; QIU,  
 Xiaoyang  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SHANGHAI DE NOVO PHARMATECH  
 CO., LTD.  
 (11) AU-A-2022279185  
 (21) 2022279185 (22) 19.05.2022  
 (54) NITROGEN-CONTAINING COM-  
 POUND, CONJUGATE CONTAINING  
 SAID COMPOUND, AND APPLICA-  
 TION THEREOF  
 (51) Int. Cl.  
 C07D 223/16 ( 2006.01 )  
 A61K 31/55 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 403/12 ( 2006.01 )  
 (87) WO2022/242724  
 (31) 202110547613.7 (32) 19.05.21 (33) CN  
 202110825530.X 21.07.21 CN  
 202210515784.6 11.05.22 CN
- 
- (43) 24.11.2022  
 (72) TONG, Zhaolong; ZHANG, Man;  
 YANG, Heping; LIU, Xiaohuan; WANG,  
 Longsheng; REN, Jicheng; GAO, Daxin  
 (74) FB Rice Pty Ltd
- 
- (71) SHANGHAI SYNVIDA BIOTECHNO-  
 LOGY CO. LTD.  
 (11) AU-A-2022289196  
 (21) 2022289196 (22) 07.06.2022  
 (54) NOVEL ANTITHROMBOTIC ANTI-  
 BODY  
 (51) Int. Cl.  
 C07K 16/36 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 7/02 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 (87) WO2022/257929  
 (31) 202110639032.6 (32) 08.06.21 (33) CN  
 (43) 15.12.2022  
 (72) LIU, Junling; FAN, Xuemei; SUN, Tian-  
 yao  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SHAPE THERAPEUTICS INC.  
 (11) AU-A-2022301997  
 (21) 2022301997 (22) 28.06.2022  
 (54) ENGINEERED GUIDE RNAS AND  
 POLYNUCLEOTIDES  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 (87) WO2023/278449  
 (31) 63/216,178 (32) 29.06.21 (33) US  
 63/277,701 10.11.21 US  
 63/303,680 27.01.22 US  
 63/345,059 24.05.22 US  
 (43) 05.01.2023  
 (72) SULLIVAN, Richard Thomas; BOOTH,  
 Brian John; BRIGGS, Adrian; SAVVA,  
 Yiannis  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) SHELTERED WINGS, INC. D/B/A  
 VORTEX OPTICS  
 (11) AU-A-2022272312  
 (21) 2022272312 (22) 12.05.2022  
 (54) SYSTEMS AND METHODS FOR  
 PROVIDING A READING FROM A  
 RANGEFINDING DEVICE  
 (51) Int. Cl.  
 G01C 3/08 ( 2006.01 )  
 (87) WO2022/241132  
 (31) 63/187,649 (32) 12.05.21 (33) US  
 (43) 17.11.2022  
 (72) MORELL, Rob; CAMPBELL, Richard  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SHENZHEN RESEARCH INSTITUTE  
 OF THE HONG KONG POLYTECHNIC  
 UNIVERSITY; FUDAN UNIVERSITY  
 (11) AU-A-2022273732  
 (21) 2022273732 (22) 11.05.2022  
 (54) BECLIN1-TARGETED STAPLED PEP-  
 TIDE AND PHARMACEUTICAL COM-  
 POSITION  
 (51) Int. Cl.
- 
- C07K 7/08 ( 2006.01 )  
 A61K 38/10 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2022/237853  
 (31) 202110518586.0 (32) 12.05.21 (33) CN  
 (43) 17.11.2022  
 (72) ZHAO, Yanxiang; QIU, Xianxiu;  
 ZHANG, Xiaozhe; LI, Na; WANG,  
 Renxiao  
 (74) Madderns Pty Ltd
- 
- (71) SHIJIAZHUANG YILING PHARMA-  
 CEUTICAL CO., LTD.  
 (11) AU-A-2022284994  
 (21) 2022284994 (22) 30.05.2022  
 (54) MONOCLONAL ANTIBODIES  
 AGAINST CLDN18.2 AND FC-ENGIN-  
 EERED VERSIONS THEREOF  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 (87) WO2022/253156  
 (31) PCT/ (32) 31.05.21 (33) CN  
 CN2021/097239  
 PCT/ 16.07.21 CN  
 CN2021/106783  
 PCT/ 31.05.21 CN  
 CN2021/097240  
 PCT/ 16.07.21 CN  
 CN2021/106784  
 (43) 08.12.2022  
 (72) JIA, Zhenhua  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SHIJIAZHUANG YILING PHARMA-  
 CEUTICAL CO., LTD.  
 (11) AU-A-2022287071  
 (21) 2022287071 (22) 30.05.2022  
 (54) MONOCLONAL ANTIBODIES  
 AGAINST CLDN18.2 AND FC-ENGIN-  
 EERED VERSIONS THEREOF  
 (51) Int. Cl.  
 C07K 16/46 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61K 47/68 ( 2017.01 )  
 A61P 35/00 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 (87) WO2022/253155  
 (31) PCT/ (32) 31.05.21 (33) CN  
 CN2021/097239  
 PCT/ 16.07.21 CN  
 CN2021/106783  
 PCT/ 31.05.21 CN  
 CN2021/097240  
 PCT/ 16.07.21 CN  
 CN2021/106784  
 (43) 08.12.2022  
 (72) JIA, Zhenhua  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SIA "FIXAR-AERO"  
 (11) AU-A-2021451146  
 (21) 2021451146 (22) 15.06.2021  
 (54) HYBRID FIXED ANGLE ROTOR UN-  
 MANNED AERIAL VEHICLE WITH  
 VERTICAL TAKEOFF AND LANDING  
 CAPABILITIES



PCT applications which have entered the National Phase - Name Index cont'd

- (51) Int. Cl.  
**B64C 27/08** ( 2023.01 )  
**B64C 27/20** ( 2023.01 )  
**B64C 29/00** ( 2006.01 )  
**B64C 39/00** ( 2023.01 )  
**B64C 39/02** ( 2023.01 )  
**B64C 39/04** ( 2006.01 )
- (87) WO2022/263879  
(43) 22.12.2022  
(72) LUKASHOV, Vasilii; LOBANOV, Sergei  
(74) Alder IP Pty Ltd
- 
- (71) SIEMENS GAMESA RENEWABLE ENERGY A/S  
(11) AU-A-2022313426  
(21) 2022313426 (22) 07.07.2022  
(54) SERVICE BRAKE FOR A WIND TURBINE YAW MOTOR
- (51) Int. Cl.  
**F03D 7/02** ( 2006.01 )  
**F03D 80/50** ( 2016.01 )
- (87) WO2023/001564  
(31) 21187330.2 (32) 23.07.21 (33) EP  
(43) 26.01.2023  
(72) DAMGAARD, Steen; FOGH, Helge; NIELSEN, Rune  
(74) Spruson & Ferguson
- 
- (71) SIKA TECHNOLOGY AG  
(11) AU-A-2022341533  
(21) 2022341533 (22) 07.09.2022  
(54) STABILIZATION OF PIGMENTED (METH)ACRYLATE-BASED COMPOSITIONS
- (51) Int. Cl.  
**C09D 11/03** ( 2014.01 )  
**C09D 7/00** ( 2018.01 )  
**C09D 11/101** ( 2014.01 )  
**C09D 11/103** ( 2014.01 )
- (87) WO2023/036837  
(31) 21195322.9 (32) 07.09.21 (33) EP  
(43) 16.03.2023  
(72) WALTHER, Burkhard; BRUCHERT-SEIFER, Christian  
(74) WRAYS PTY LTD
- 
- (71) SIMPSON STRONG-TIE COMPANY INC.  
(11) AU-A-2022301106  
(21) 2022301106 (22) 28.06.2022  
(54) FASTENER DELIVERY TOOLS WITH GUIDE ASSEMBLIES, METHODS AND SYSTEMS
- (51) Int. Cl.  
**B25B 23/04** ( 2006.01 )  
**B25B 21/00** ( 2006.01 )  
**B25B 23/00** ( 2006.01 )
- (87) WO2023/278982  
(31) 63/215,597 (32) 28.06.21 (33) US  
17/809,112 27.06.22 US  
(43) 05.01.2023  
(72) NIBALI, Benjamin, D.; KUKK, Kristo; HALL, Kristopher, C.; PARK, Jeremy, Scott; TILLINGHAST, Adam  
(74) WRAYS PTY LTD
- 
- (71) SMARTIPANTS MEDIA PTY LTD  
(11) AU-A-2022322267  
(21) 2022322267 (22) 02.08.2022  
(54) SYSTEM AND METHOD FOR FACILITATING THE PURCHASE OF ITEMS IN AN ONLINE ENVIRONMENT
- (51) Int. Cl.  
**G06T 19/20** ( 2011.01 )  
**G06Q 30/06** ( 2023.01 )
- (87) WO2023/010161  
(31) 2021902385 (32) 02.08.21 (33) AU  
(43) 09.02.2023  
(72) DICK, Clinton; JAMES, Summer; JAMES, Louise  
(74) Murray Trento & Associates Pty Ltd
- 
- (71) SOCIETE DES PRODUITS NESTLE S.A.  
(11) AU-A-2022318163  
(21) 2022318163 (22) 29.07.2022  
(54) COMPOSITIONS AND METHODS USING IN-SITU COMPLEXATION OF AN EXOGENOUS MINERAL WITH MILK CASEIN IN LIQUID FORM
- (51) Int. Cl.  
**A23C 9/152** ( 2006.01 )  
**A23L 33/165** ( 2016.01 )
- (87) WO2023/006950  
(31) 21188631.2 (32) 29.07.21 (33) EP  
(43) 02.02.2023  
(72) HUSNY, Joeska; HOLST, Birgit; SABATIER, Magalie  
(74) Spruson & Ferguson
- 
- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
(11) AU-A-2022319947  
(21) 2022319947 (22) 27.07.2022  
(54) MICROALGAE-BASED PRODUCTS WITH IMPROVED NUTRIENT BIOACCESSIBILITY AND OXIDATIVE STABILITY
- (51) Int. Cl.  
**C12N 1/06** ( 2006.01 )  
**A23L 33/10** ( 2016.01 )  
**C12N 1/12** ( 2006.01 )  
**C12N 13/00** ( 2006.01 )  
**C12R 1/89** ( 2006.01 )
- (87) WO2023/006827  
(31) 21188331.9 (32) 28.07.21 (33) EP  
(43) 02.02.2023  
(72) CANELLI, Greta; DIONISI, Fabiola; BOLTEN, Christoph Josef; MURCIANO MARTINEZ, Patricia; MATHYS, Alexander; BUCHMANN, Leandro; JAQUENOD, Luc; KUSTER, Isabelle  
(74) Spruson & Ferguson
- 
- (71) SOLTEC INNOVATIONS, S.L.  
(11) AU-A-2022292901  
(21) 2022292901 (22) 15.06.2022  
(54) COOLING SYSTEM FOR A PHOTOVOLTAIC SOLAR PANEL
- (51) Int. Cl.  
**H01L 31/05** ( 2014.01 )  
**H01L 31/052** ( 2014.01 )  
**H02S 40/34** ( 2014.01 )  
**H02S 40/42** ( 2014.01 )
- (87) WO2022/263538
- 
- (31) 21382540.9 (32) 18.06.21 (33) EP  
(43) 22.12.2022  
(72) TORRANO CARRILLO, Francisco Javier  
(74) WRAYS PTY LTD
- 
- (71) SONOS, INC.  
(11) AU-A-2022274548  
(21) 2022274548 (22) 10.05.2022  
(54) MANAGING CONTENT QUALITY AND RELATED CHARACTERISTICS OF A MEDIA PLAYBACK SYSTEM
- (51) Int. Cl.  
**H04N 21/43** ( 2011.01 )  
**H04N 21/2343** ( 2011.01 )  
**H04N 21/436** ( 2011.01 )  
**H04N 21/4363** ( 2011.01 )  
**H04N 21/4402** ( 2011.01 )  
**H04N 21/442** ( 2011.01 )  
**H04N 21/81** ( 2011.01 )
- (87) WO2022/240874  
(31) 63/186,796 (32) 10.05.21 (33) US  
63/250,558 30.09.21 US  
63/279,492 15.11.21 US  
63/330,865 14.04.22 US  
(43) 17.11.2022  
(72) WRIGHT, Brandon; KITSON, Ryan; SO, Won; LIN, Ted; PETERS, Jeffrey M.; SHELDON, Michael  
(74) Spruson & Ferguson
- 
- (71) SOUND FUN CORPORATION  
(11) AU-A-2022315724  
(21) 2022315724 (22) 18.07.2022  
(54) SPEAKER UNIT AND SPEAKER CURVED DIAPHRAGM
- (51) Int. Cl.  
**H04R 1/24** ( 2006.01 )  
**H04R 7/12** ( 2006.01 )  
**H04R 9/06** ( 2006.01 )
- (87) WO2023/002962  
(31) 2021-120069 (32) 20.07.21 (33) JP  
2021-120070 20.07.21 JP  
2021-120071 20.07.21 JP  
(43) 26.01.2023  
(72) TANAKA Hiroshi; SUZUKI Masahiro  
(74) Griffith Hack
- 
- (71) SPARK THERAPEUTICS, INC.  
(11) AU-A-2022288704  
(21) 2022288704 (22) 10.06.2022  
(54) METHODS OF REGULATING ADENO-ASSOCIATED VIRUS PRODUCTION
- (51) Int. Cl.  
**A61K 38/44** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/52** ( 2006.01 )  
**C12N 7/02** ( 2006.01 )  
**C12N 7/04** ( 2006.01 )  
**C12N 9/02** ( 2006.01 )  
**C12N 9/90** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )
- (87) WO2022/261475  
(31) 63/209,735 (32) 11.06.21 (33) US  
63/350,849 09.06.22 US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 15.12.2022  
 (72) YAZICIOGLU, Mustafa; OZDEMIR, Ahmet, Yunus  
 (74) Griffith Hack
- 
- (71) SPARK THERAPEUTICS, INC.  
 (11) AU-A-2022289035  
 (21) 2022289035 (22) 10.06.2022  
 (54) AAV VECTOR COLUMN PURIFICATION METHODS  
 (51) Int. Cl.  
*B01D 15/36* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
*B01D 15/00* ( 2006.01 )  
*B01D 15/08* ( 2006.01 )  
*B01D 15/34* ( 2006.01 )  
 (87) WO2022/261663  
 (31) 63/209,680 (32) 11.06.21 (33) US  
 63/366,094 09.06.22 US  
 (43) 15.12.2022  
 (72) KHANAL, Ohnmar; KUMAR, Vijesh; JIN, Mi  
 (74) AJ PARK
- 
- (71) SPOLGREEN SRL  
 (11) AU-A-2022299646  
 (21) 2022299646 (22) 22.06.2022  
 (54) AGRICULTURAL MACHINE COMPRISING A SUCKER-REMOVING DEVICE ADAPTED TO REMOVE SUCKERS FROM A VEGETABLE PLANT  
 (51) Int. Cl.  
*A01D 34/66* ( 2006.01 )  
*A01B 39/08* ( 2006.01 )  
*A01B 39/16* ( 2006.01 )  
*A01D 34/84* ( 2006.01 )  
*A01G 3/04* ( 2006.01 )  
 (87) WO2022/269500  
 (31) 102021000016487 (32) 26.06.21 (33) IT  
 (43) 29.12.2022  
 (72) BONGIOVANNI, Livio  
 (74) Griffith Hack
- 
- (71) STARSPRINGS AB  
 (11) AU-A-2022286580  
 (21) 2022286580 (22) 24.05.2022  
 (54) POCKET MATTRESS COMPRISING INTEGRATED FOAM MATERIAL  
 (51) Int. Cl.  
*A47C 27/06* ( 2006.01 )  
 (87) WO2022/253638  
 (31) 21176794.2 (32) 31.05.21 (33) EP  
 17/334,865 31.05.21 US  
 (43) 08.12.2022  
 (72) STERNVING, Björn  
 (74) WRAYS PTY LTD
- 
- (71) STORM THERAPEUTICS LTD  
 (11) AU-A-2022285928  
 (21) 2022285928 (22) 01.06.2022  
 (54) COMBINATION THERAPIES COMPRISING A METTL3 INHIBITOR AND A FURTHER ANTICANCER AGENT  
 (51) Int. Cl.  
*A61K 31/437* ( 2006.01 )  
*A61K 31/502* ( 2006.01 )
- A61K 31/5377* ( 2006.01 )  
*A61K 31/635* ( 2006.01 )  
*A61K 31/704* ( 2006.01 )  
*A61K 31/706* ( 2006.01 )  
*A61K 31/7068* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )
- (87) WO2022/254216  
 (31) 2107907.4 (32) 02.06.21 (33) GB  
 (43) 08.12.2022  
 (72) RAUSCH, Oliver Lars; ALBERTELLA, Mark Robert; OFIR-ROSENFELD, Yaara; VASILIAUSKAITE, Lina  
 (74) FB Rice Pty Ltd
- 
- (71) STRYKER CORPORATION  
 (11) AU-A-2022332009  
 (21) 2022332009 (22) 30.03.2022  
 (54) PATIENT SUPPORT SYSTEMS WITH POWER TRANSFER ARCHITECTURE  
 (51) Int. Cl.  
*A61G 1/017* ( 2006.01 )  
*A61G 1/02* ( 2006.01 )  
*A61G 3/02* ( 2006.01 )  
*A61G 5/06* ( 2006.01 )  
 (87) WO2023/027767  
 (31) 63/237,292 (32) 26.08.21 (33) US  
 63/237,298 26.08.21 US  
 63/237,296 26.08.21 US  
 (43) 02.03.2023  
 (72) ST. JOHN, Gwynneth; FURMAN, Aaron, Douglas; BROSNAN, Daniel, V.; SHAMI, Zane, Marwan; BATZER, Scott, Michael; NABER, Brandon, David; KUEBLER, Scott, A.; PHAN, Hieu; MCLOUTH, Justin, Thomas; KAPADIA, Bhavin, Rajeshkumar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) STRYKER CORPORATION  
 (11) AU-A-2022345082  
 (21) 2022345082 (22) 15.09.2022  
 (54) SYSTEM FOR LOCATING PATIENT SUPPORT APPARATUSES  
 (51) Int. Cl.  
*A61G 7/05* ( 2006.01 )  
*G16H 40/20* ( 2018.01 )  
*G16H 40/63* ( 2018.01 )  
*H04W 4/02* ( 2018.01 )  
 (87) WO2023/043873  
 (31) 63/245,245 (32) 17.09.21 (33) US  
 63/323,202 24.03.22 US  
 (43) 23.03.2023  
 (72) NEIHOUSER, Kirby M.; BHIMAV-ARAPU, Krishna Sandeep; PEREIRA, Celso Henrique Farnese Pires; THOTA, Madhu Sandeep; TREPANIER, Jerald A.; THOMAS, Madhu; DEEDS, Thomas; CONSTANT, Marco  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) STRYKER CORPORATION  
 (11) AU-A-2022345793  
 (21) 2022345793 (22) 15.09.2022  
 (54) PATIENT SUPPORT APPARATUSES WITH PATIENT MONITORING  
 (51) Int. Cl.
- A61B 5/11* ( 2006.01 )  
*A61B 5/05* ( 2021.01 )  
*A61G 1/00* ( 2006.01 )  
*A61G 7/057* ( 2006.01 )  
*G08B 21/04* ( 2006.01 )  
*G08B 21/18* ( 2006.01 )  
*G16H 80/00* ( 2018.01 )
- (87) WO2023/043874  
 (31) 63/245,279 (32) 17.09.21 (33) US  
 (43) 23.03.2023  
 (72) TREPANIER, Jerald A.; BHIMAV-ARAPU, Krishna Sandeep  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) STRYKER CORPORATION  
 (11) AU-A-2022366672  
 (21) 2022366672 (22) 29.06.2022  
 (54) PATIENT SUPPORT SYSTEMS FOR CHARGING BATTERIES OF PATIENT TRANSPORT APPARATUSES  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
*A61G 7/05* ( 2006.01 )  
*H01R 13/453* ( 2006.01 )  
*H02J 7/02* ( 2016.01 )  
 (87) WO2023/064014  
 (31) 63/254,785 (32) 12.10.21 (33) US  
 (43) 20.04.2023  
 (72) BRUBAKER, Michael, T.; LUCAS, Ross, Timothy; SOMMER, Bradley; BROSNAN, Daniel, V.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SUBSEA 7 LIMITED  
 (11) AU-A-2022294223  
 (21) 2022294223 (22) 17.06.2022  
 (54) MANUFACTURE OF PIPELINES  
 (51) Int. Cl.  
*B29C 63/04* ( 2006.01 )  
*B29C 63/06* ( 2006.01 )  
*B29D 23/00* ( 2006.01 )  
 (87) WO2022/263867  
 (31) 2108791.1 (32) 18.06.21 (33) GB  
 (43) 22.12.2022  
 (72) MACGREGOR, Gordon  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) SUMITOMO ELECTRIC INDUSTRIES, LTD.  
 (11) AU-A-2022296096  
 (21) 2022296096 (22) 29.03.2022  
 (54) REDOX FLOW BATTERY SYSTEM  
 (51) Int. Cl.  
*H01M 8/18* ( 2006.01 )  
*H01M 8/04858* ( 2016.01 )  
*H01M 8/249* ( 2016.01 )  
 (87) WO2022/270107  
 (31) 2021-102299 (32) 21.06.21 (33) JP  
 (43) 29.12.2022  
 (72) KAKU Hirokazu; FUJITA Hayato; NAITO Yasuhiro  
 (74) Spruson & Ferguson
- 
- (71) SYNDAX PHARMACEUTICALS, INC.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-A-2022271791

PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022271791 (22) 12.05.2022  
 (54) COMBINATIONS FOR TREATMENT OF CANCER  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61K 31/555* ( 2006.01 )  
 (87) WO2022/241122  
 (31) 63/187,753 (32) 12.05.21 (33) US  
 (43) 17.11.2022  
 (72) MCGEEHAN, Gerard, M.; ORDENTLICH, Peter; CARTER, Bing; ANDREFF, Michael  
 (74) Spruson & Ferguson
- 
- (71) SYNPHATEC (SHANGHAI) BIOPHARMACEUTICAL TECHNOLOGY CO., LTD.  
 (11) AU-A-2022273731  
 (21) 2022273731 (22) 11.05.2022  
 (54) NMDA RECEPTOR ANTAGONIST AND USE THEREOF  
 (51) Int. Cl.  
*C07D 265/36* ( 2006.01 )  
*A61K 31/538* ( 2006.01 )  
*A61K 31/553* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*A61P 23/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 25/04* ( 2006.01 )  
*A61P 25/08* ( 2006.01 )  
*A61P 25/14* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/18* ( 2006.01 )  
*A61P 25/22* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 267/14* ( 2006.01 )  
 (87) WO2022/237849  
 (31) 202110518639.9 (32) 12.05.21 (33) CN  
 (43) 17.11.2022  
 (72) ZHU, Jidong; CHEN, Yelin; GENG, Yang; CAO, Hengyi; LI, Shiyun; LI, Zhiwen; WANG, Qiuyan; SU, Tonghui; FU, Chaoying  
 (74) HopgoodGanim
- 
- (71) SYNPROMICS LIMITED; ASKLEPIOS BIOPHARMACEUTICAL, INC.  
 (11) AU-A-2022297795  
 (21) 2022297795 (22) 23.06.2022  
 (54) REGULATORY NUCLEIC ACID SEQUENCES  
 (51) Int. Cl.  
*C12N 15/86* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
 (87) WO2022/269269  
 (31) 2108997.4 (32) 23.06.21 (33) GB  
 2111317.0 05.08.21 GB  
 (43) 29.12.2022  
 (72) YANEZ-CUNA, Jorge Omar; IGLESIAS, Juan Manuel; COOPER, Sinclair; ROBERTS, Michael L.; EVRIPIOTI, Antonia  
 (74) WRAYS PTY LTD
- 
- (71) TAKEDA PHARMACEUTICAL COMPANY LIMITED  
 (11) AU-A-2022292988  
 (21) 2022292988 (22) 14.06.2022  
 (54) METHOD FOR PRODUCING NATURAL KILLER CELLS FROM PLURIPOTENT STEM CELLS  
 (51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
 (87) WO2022/264033  
 (31) 63/210,683 (32) 15.06.21 (33) US  
 (43) 22.12.2022  
 (72) CAO, Lan; CHANG, Hui-Hsin; HU, Jinxin; QIAN, Yu; SHI, Xi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) TARKETT GDL  
 (11) AU-A-2022377211  
 (21) 2022377211 (22) 28.10.2022  
 (54) PVC-BASED MULTILAYER SURFACE COVERING WITH PVOH BARRIER  
 (51) Int. Cl.  
*C08J 7/04* ( 2020.01 )  
*C08J 7/043* ( 2020.01 )  
 (87) WO2023/073160  
 (31) LU102867 (32) 29.10.21 (33) LU  
 (43) 04.05.2023  
 (72) SICHE, Alexandre  
 (74) WRAYS PTY LTD
- 
- (71) TBM CO.,LTD.  
 (11) AU-A-2022460772  
 (21) 2022460772 (22) 07.06.2022  
 (54) SYSTEM FOR MATCHING CONVERSION OF METHANE INTO RE-SOURCE USING FOOD WASTE  
 (51) Int. Cl.  
*C10J 3/00* ( 2006.01 )  
 (43) 04.01.2024  
 (72) SAHARA Kunihiro  
 (74) Spruson & Ferguson
- 
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
 (11) AU-A-2022327619  
 (21) 2022327619 (22) 01.08.2022  
 (54) USER PLANE INTEGRITY PROTECTION IN DUAL CONNECTIVITY  
 (51) Int. Cl.  
*H04W 12/106* ( 2021.01 )  
*H04L 9/40* ( 2022.01 )  
 (87) WO2023/016839  
 (31) 63/231,114 (32) 09.08.21 (33) US  
 (43) 16.02.2023  
 (72) WIFVESSON, Monica; NAKARMI, Prajwol Kumar  
 (74) AJ PARK
- 
- (71) TELIOS PHARMA, INC.  
 (11) AU-A-2022293880  
 (21) 2022293880 (22) 16.06.2022  
 (54) TREATMENT OF SYMPTOMS ASSOCIATED WITH MYELOPROLIFERATIVE NEOPLASMS  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )
- 
- A61K 31/506* ( 2006.01 )  
*A61K 31/56* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
 (87) WO2022/266285  
 (31) 63/211,276 (32) 16.06.21 (33) US  
 (43) 22.12.2022  
 (72) ROTHBAUM, Wayne  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) TEN CATE PROTECT BV  
 (11) AU-A-2022292113  
 (21) 2022292113 (22) 16.06.2022  
 (54) FLAME RETARDANT FABRIC COMPRISING COTTON ALTERNATIVE  
 (51) Int. Cl.  
*D06M 13/285* ( 2006.01 )  
*D03D 15/208* ( 2021.01 )  
*D03D 15/283* ( 2021.01 )  
*D06M 13/432* ( 2006.01 )  
*D06M 13/44* ( 2006.01 )  
*D06M 15/423* ( 2006.01 )  
*D06M 15/431* ( 2006.01 )  
 (87) WO2022/263615  
 (31) 2028484 (32) 18.06.21 (33) NL  
 (43) 22.12.2022  
 (72) KARKDIJK, Simone Christina Frederique; VAN RIJN, André Aelredus Laurentius; VAN DIJK, Gerrit Beert  
 (74) Griffith Hack
- 
- (71) TENIAS HARVESTER, S.L.  
 (11) AU-A-2021454158  
 (21) 2021454158 (22) 23.07.2021  
 (54) FRUIT-HARVESTING MACHINE  
 (51) Int. Cl.  
*A01D 46/26* ( 2006.01 )  
 (87) WO2023/275415  
 (31) P202130616 (32) 01.07.21 (33) ES  
 (43) 05.01.2023  
 (72) JESÚS, Tenías Sancho  
 (74) Chaltris IP
- 
- (71) TERUMO MEDICAL CORPORATION  
 (11) AU-A-2022306658  
 (21) 2022306658 (22) 06.06.2022  
 (54) MONITORING SYSTEM FOR A HEMOSTASIS BAND  
 (51) Int. Cl.  
*A61B 17/135* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
*A61B 17/12* ( 2006.01 )  
*A61B 17/132* ( 2006.01 )  
 (87) WO2023/283008  
 (31) 17/368,549 (32) 06.07.21 (33) US  
 (43) 12.01.2023  
 (72) HOFFMAN, Brian; TRASK, Linda; ARAZAWA, Katherine  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) TESSENDERLO GROUP NV  
 (11) AU-A-2022285134  
 (21) 2022285134 (22) 02.06.2022  
 (54) LIQUID COMPOSITIONS COMPRISING DISSOLVED THIOSULFATE AND SUSPENDED SOLIDS  
 (51) Int. Cl.

PCT applications which have entered the National Phase - Name Index cont'd

- C05G 5/20** ( 2020.01 )  
**C05B 7/00** ( 2006.01 )  
**C05D 9/02** ( 2006.01 )  
**C05G 3/00** ( 2020.01 )  
**(87)** WO2022/253954  
**(31)** 21177586.1 **(32)** 03.06.21 **(33)** EP  
**(43)** 08.12.2022  
**(72)** FAIRWEATHER, Thomas David; WAL-  
LACE, Sun Young  
**(74)** FB Rice Pty Ltd
- 
- (71)** THALES SIMULATION & TRAINING  
AG  
**(11)** AU-A-2021455956  
**(21)** 2021455956 **(22)** 16.07.2021  
**(54)** PERSONALIZED COMBAT SIMULA-  
TION EQUIPMENT  
**(51)** Int. Cl.  
**F41G 3/26** ( 2006.01 )  
**F41A 33/00** ( 2006.01 )  
**F41G 3/06** ( 2006.01 )  
**F41J 5/10** ( 2006.01 )  
**G09B 9/00** ( 2006.01 )  
**(87)** WO2023/284986  
**(43)** 19.01.2023  
**(72)** GASSER, Rolf; TOMER, Siani; HEIL,  
Jonas  
**(74)** Griffith Hack
- 
- (71)** THE BOARD OF REGENTS OF THE  
UNIVERSITY OF TEXAS SYSTEM  
**(11)** AU-A-2022302066  
**(21)** 2022302066 **(22)** 30.06.2022  
**(54)** GENOMIC EDITING OF RBM20  
MUTATIONS  
**(51)** Int. Cl.  
**C12N 15/12** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(87)** WO2023/278660  
**(31)** 63/335,647 **(32)** 27.04.22 **(33)** US  
63/218,221 02.07.21 US  
**(43)** 05.01.2023  
**(72)** OLSON, Eric, N.; BASSEL-DUBY,  
Rhonda; NISHIYAMA, Takahiko  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** THE BOEING COMPANY  
**(11)** AU-A-2022272896  
**(21)** 2022272896 **(22)** 04.03.2022  
**(54)** METHOD FOR RECOVERING PRO-  
CESSED ALUMINUM SCRAPS OF  
AERONAUTICAL ALUMINUM ALLOY  
**(51)** Int. Cl.  
**C22B 1/02** ( 2006.01 )  
**C22B 1/24** ( 2006.01 )  
**C22B 1/248** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
**C22B 9/02** ( 2006.01 )  
**C22B 9/04** ( 2006.01 )  
**C22B 9/05** ( 2006.01 )  
**C22B 21/00** ( 2006.01 )  
**C22B 21/06** ( 2006.01 )  
**(87)** WO2022/240467  
**(31)** 202110528009.X **(32)** 14.05.21 **(33)** CN
- 
- (43)** 17.11.2022  
**(72)** WANG, Zhi; QIAN, Guoyu; SUN, Zhi;  
LIU, Chunwei; CAO, Hongbin; YAN,  
Pengcheng  
**(74)** FB Rice Pty Ltd
- 
- (71)** THE BROAD INSTITUTE, INC.; THE  
GENERAL HOSPITAL CORPORA-  
TION; SOCIÉTÉ DES PRODUITS  
NESTLÉ S.A.  
**(11)** AU-A-2022301175  
**(21)** 2022301175 **(22)** 28.06.2022  
**(54)** BIFIDOBACTERIUM LONGUM  
TRANSITIONAL MICROORGANISMS,  
COMPOSITIONS AND USES THERE-  
OF  
**(51)** Int. Cl.  
**A23L 33/135** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**(87)** WO2023/278441  
**(31)** 63/216,127 **(32)** 29.06.21 **(33)** US  
**(43)** 05.01.2023  
**(72)** XAVIER, Ramnik; VLAMAKIS, Hera;  
VATANEN, Tommi; SAKWINSKA, Olga;  
SIEGWALD, Léa; DUBOUX, Stéphane;  
NGOM-BRU, Catherine  
**(74)** Spruson & Ferguson
- 
- (71)** THE PENN STATE RESEARCH  
FOUNDATION  
**(11)** AU-A-2022293330  
**(21)** 2022293330 **(22)** 07.06.2022  
**(54)** APPARATUS AND METHOD FOR SE-  
LECTIVE REMOVAL OF AT LEAST  
ONE RARE EARTH ELEMENT  
**(51)** Int. Cl.  
**B01J 20/24** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
**B01J 20/32** ( 2006.01 )  
**C02F 1/28** ( 2023.01 )  
**C02F 1/38** ( 2023.01 )  
**C02F 1/52** ( 2023.01 )  
**C08B 1/02** ( 2006.01 )  
**C08B 11/10** ( 2006.01 )  
**(87)** WO2022/265879  
**(31)** 63/210,186 **(32)** 14.06.21 **(33)** US  
63/212,947 21.06.21 US  
**(43)** 22.12.2022  
**(72)** SHEIKHI, Amir  
**(74)** Spruson & Ferguson
- 
- (71)** THE REGENTS OF THE UNIVERSITY  
OF CALIFORNIA  
**(11)** AU-A-2022294881  
**(21)** 2022294881 **(22)** 16.06.2022  
**(54)** E3 LIGASE INHIBITORS AND METH-  
ODS OF USE THEREOF  
**(51)** Int. Cl.  
**A61K 31/42** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**(87)** WO2022/266321  
**(31)** 63/211,868 **(32)** 17.06.21 **(33)** US  
63/321,034 17.03.22 US
- 
- (43)** 22.12.2022  
**(72)** RAPE, Michael; SCHALETZKY, Julia  
Sabine; WEHRI, Edward Eric; MAN-  
FORD, Andrew Garrett  
**(74)** FB Rice Pty Ltd
- 
- (71)** THE REGENTS OF THE UNIVERSITY  
OF COLORADO, A BODY CORPOR-  
ATE  
**(11)** AU-A-2022272922  
**(21)** 2022272922 **(22)** 10.05.2022  
**(54)** POCKET ENGINEERING OF HLA  
ALLELES FOR TREATING AUTOIM-  
MUNITY  
**(51)** Int. Cl.  
**C07K 14/74** ( 2006.01 )  
**(87)** WO2022/240917  
**(31)** 63/186,770 **(32)** 10.05.21 **(33)** US  
**(43)** 17.11.2022  
**(72)** FREED, Brian; ROARK, Christina;  
SUNDERHAUS, Elizabeth  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** THE TRUSTEES OF THE UNI-  
VERSITY OF PENNSYLVANIA  
**(11)** AU-A-2022280004  
**(21)** 2022280004 **(22)** 24.05.2022  
**(54)** ONE-COMPONENT DELIVERY SYS-  
TEM FOR NUCLEIC ACIDS  
**(51)** Int. Cl.  
**C07C 69/78** ( 2006.01 )  
**C08G 61/00** ( 2006.01 )  
**C08G 63/44** ( 2006.01 )  
**(87)** WO2022/251191  
**(31)** 63/316,794 **(32)** 04.03.22 **(33)** US  
63/253,348 07.10.21 US  
63/192,236 24.05.21 US  
**(43)** 01.12.2022  
**(72)** PERCEC, Virgil; WEISSMAN,  
Drew; ZHANG, Dapeng; ATOCH-  
INA-VASSERMAN, Elena; MAURYA,  
Devendra; XIAO, Qi  
**(74)** FB Rice Pty Ltd
- 
- (71)** THE TRUSTEES OF THE UNI-  
VERSITY OF PENNSYLVANIA; THE  
UNITED STATES GOVERNMENT AS  
REPRESENTED BY THE DEPART-  
MENT OF VETERANS AFFAIRS;  
MARY HITCHCOCK MEMORIAL HOS-  
PITAL, FOR ITSELF AND ON BEHALF  
OF DARTMOUTH-HITCHCOCK CLIN-  
IC  
**(11)** AU-A-2022288639  
**(21)** 2022288639 **(22)** 10.06.2022  
**(54)** ENGINEERED NEURONAL MICRO-  
TISSUE PROVIDES EXOGENOUS AX-  
ONS FOR DELAYED NERVE FUSION  
AND RAPID NEUROMUSCULAR RE-  
COVERY  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**A61B 5/24** ( 2021.01 )  
**A61B 5/291** ( 2021.01 )  
**(87)** WO2022/261416  
**(31)** 63/209,639 **(32)** 11.06.21 **(33)** US

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 15.12.2022  
 (72) CULLEN, Daniel Kacy; BURRELL, Justin C.; ROSEN, Joseph M.  
 (74) RnB IP
- 
- (71) THE UNITED BIO-TECHNOLOGY (HENGQIN) CO., LTD.  
 (11) AU-A-2022280225  
 (21) 2022280225 (22) 18.05.2022  
 (54) MULTI-AGONIST AND USE THEREOF  
 (51) Int. Cl.  
**A61K 38/26** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**C07K 14/605** ( 2006.01 )  
 (87) WO2022/247701  
 (31) 202110576591.7 (32) 26.05.21 (33) CN  
 (43) 01.12.2022  
 (72) HUANG, Liang; CAO, Chunlai; DENG, Huixing; ZHOU, Cui; HE, Xiuyi; LIU, Xiaoxiao; XIE, Xin  
 (74) Wulff Partners Pty Ltd
- 
- (71) THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
 (11) AU-A-2022299035  
 (21) 2022299035 (22) 21.06.2022  
 (54) INVERTED CHIMERIC SIRNA MOLECULES AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
 (87) WO2022/271624  
 (31) 63/212,976 (32) 21.06.21 (33) US  
 (43) 29.12.2022  
 (72) PECOT, Chad; CHAREDDY, Yogitha  
 (74) Spruson & Ferguson
- 
- (71) THE UNIVERSITY OF SHEFFIELD  
 (11) AU-A-2022299466  
 (21) 2022299466 (22) 23.06.2022  
 (54) NUCLEAR MAGNETIC RESONANCE  
 (51) Int. Cl.  
**G01R 33/36** ( 2006.01 )  
 (87) WO2022/269276  
 (31) 2109100.4 (32) 24.06.21 (33) GB  
 (43) 29.12.2022  
 (72) WILD, James M.; RAO, Madhwesha Rama  
 (74) James & Wells Intellectual Property
- 
- (71) THE UNIVERSITY OF WESTERN AUSTRALIA; WESTERN AUSTRALIAN AGRICULTURE AUTHORITY  
 (11) AU-A-2022300438  
 (21) 2022300438 (22) 01.07.2022  
 (54) FISH FEED ADDITIVES  
 (51) Int. Cl.  
**A61K 31/498** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/46** ( 2006.01 )  
**A61P 33/12** ( 2006.01 )  
 (87) WO2023/272362  
 (31) 2021902007 (32) 01.07.21 (33) AU
- 
- (43) 05.01.2023  
 (72) TANG, Edith Kai Yan; PARTRIDGE, Gavin John; LIM, Lee Yong; WOOLLEY, Lindsey, Dawn  
 (74) WRAYS PTY LTD
- 
- (71) THORWEAR, INC.  
 (11) AU-A-2022303313  
 (21) 2022303313 (22) 29.06.2022  
 (54) ANKLE FOOT ORTHOSES AND METHOD OF MANUFACTURING  
 (51) Int. Cl.  
**A61F 5/01** ( 2006.01 )  
 (87) WO2023/278640  
 (31) 63/216,747 (32) 30.06.21 (33) US  
 (43) 05.01.2023  
 (72) THOR, Arni; BORNHORST, Zoe; LI, Pei, Hsuan; DIAZ, Marina, Gurria; NAV-ARRETTE, Efrain; MCGEE, Kelly  
 (74) Gestalt Law Pty Ltd
- 
- (71) TIME MANUFACTURING COMPANY  
 (11) AU-A-2022293564  
 (21) 2022293564 (22) 17.06.2022  
 (54) AERIAL LIFT SLOPE ADJUSTMENT SYSTEM  
 (51) Int. Cl.  
**B66F 11/04** ( 2006.01 )  
**B66C 13/16** ( 2006.01 )  
**B66F 7/28** ( 2006.01 )  
**B66F 9/20** ( 2006.01 )  
**B66F 17/00** ( 2006.01 )  
**B66F 9/22** ( 2006.01 )  
**B66F 9/24** ( 2006.01 )  
 (87) WO2022/266454  
 (31) 63/211,813 (32) 17.06.21 (33) US  
 (43) 22.12.2022  
 (72) CHRISTIAN, James Randall  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) TIMMERMANS, F.G.R.  
 (11) AU-A-2022273870  
 (21) 2022273870 (22) 11.05.2022  
 (54) A MOBILE REFRIGERATED BAR UNIT  
 (51) Int. Cl.  
**B60H 1/32** ( 2006.01 )  
**B60H 1/00** ( 2006.01 )  
**B60P 3/025** ( 2006.01 )  
**B60P 3/20** ( 2006.01 )  
**B67D 1/00** ( 2006.01 )  
**B67D 1/06** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
**F25D 11/00** ( 2006.01 )  
**F25D 11/02** ( 2006.01 )  
**F25D 21/04** ( 2006.01 )  
**F25D 29/00** ( 2006.01 )  
 (87) WO2022/241487  
 (31) 2021/03162 (32) 11.05.21 (33) ZA  
 (43) 17.11.2022  
 (72) TIMMERMANS, Filip Gaston Robert  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TOPAS THERAPEUTICS GMBH  
 (11) AU-A-2022286646  
 (21) 2022286646 (22) 02.06.2022
- 
- (54) NANOPARTICLES COMPRISING PEPTIDES INCLUDING AN N-TERMINAL LINKER  
 (51) Int. Cl.  
**A61K 47/69** ( 2017.01 )  
**A61P 37/00** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
 (87) WO2022/253950  
 (31) 21177499.7 (32) 02.06.21 (33) EP  
 (43) 08.12.2022  
 (72) POHLNER, Johannes; DIGIGOW, Reinaldo; METZLER, Barbara; FLEISCHER, Sabine  
 (74) Spruson & Ferguson
- 
- (71) TOPSOE A/S  
 (11) AU-A-2022330568  
 (21) 2022330568 (22) 20.07.2022  
 (54) PROCESS FOR THE PREPARATION OF GREEN AMMONIA SYNTHESIS GAS  
 (51) Int. Cl.  
**C01B 3/02** ( 2006.01 )  
**C01B 21/04** ( 2006.01 )  
**C01C 1/04** ( 2006.01 )  
**C25B 1/042** ( 2021.01 )  
 (87) WO2023/020771  
 (31) PA202100819 (32) 19.08.21 (33) DK  
 (43) 23.02.2023  
 (72) KNUDSEN, Lari Bjerg; HAN, Pat A  
 (74) Griffith Hack
- 
- (71) TORAY INDUSTRIES, INC.  
 (11) AU-A-2022276879  
 (21) 2022276879 (22) 11.05.2022  
 (54) ELECTROLYTE MEMBRANE LAMINATE, ELECTROLYTE MEMBRANE EQUIPPED WITH CATALYST LAYER, MEMBRANE ELECTRODE CONJUGATE, HYDROLYSIS-TYPE HYDROGEN GENERATION DEVICE, AND METHOD FOR PRODUCING ELECTROLYTE MEMBRANE EQUIPPED WITH CATALYST LAYER  
 (51) Int. Cl.  
**C25B 13/02** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )  
**C25B 9/23** ( 2021.01 )  
**C25B 11/052** ( 2021.01 )  
**C25B 11/054** ( 2021.01 )  
**C25B 11/065** ( 2021.01 )  
**C25B 11/081** ( 2021.01 )  
**C25B 13/04** ( 2021.01 )  
**C25B 13/08** ( 2006.01 )  
**H01B 1/06** ( 2006.01 )  
**H01B 1/12** ( 2006.01 )  
**H01M 8/10** ( 2016.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/1046** ( 2016.01 )  
**H01M 8/1051** ( 2016.01 )  
**H01M 8/1053** ( 2016.01 )  
 (87) WO2022/244660  
 (31) 2021-083045 (32) 17.05.21 (33) JP  
 (43) 24.11.2022  
 (72) KUNITA, Tomoyuki; MINAMIBAYASHI, Kenta; SHIRAI, Shusuke; MATSUI, Kazuma; IZUHARA, Daisuke  
 (74) Davies Collison Cave Pty Ltd

PCT applications which have entered the National Phase - Name Index cont'd

<p>(71) TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION (11) AU-A-2022450944 (21) 2022450944 (22) 30.03.2022 (54) DETECTION DEVICE AND DETECTION SYSTEM (51) Int. Cl. <b>B02C 17/18</b> ( 2006.01 ) (87) WO2023/188150 (43) 05.10.2023 (72) IKEDA, Shuzo (74) Spruson &amp; Ferguson</p>	<p>63/328,306 07.04.22 US (43) 08.12.2022 (72) WARREN, William; SMITH, Walter Lee (74) Spruson &amp; Ferguson</p>	<p>(43) 08.12.2022 (72) BADER, Andreas; HELSEN, Christopher W.; IP, Philbert; BENATAR, Tania; WANG, Ling (74) FB Rice Pty Ltd</p>
<p>(71) TRANSITIONS OPTICAL, LTD. (11) AU-A-2021448286 (21) 2021448286 (22) 26.05.2021 (54) CURABLE PHOTOCHROMIC COMPOSITION (51) Int. Cl. <b>C08G 18/62</b> ( 2006.01 ) <b>C08G 18/10</b> ( 2006.01 ) <b>C08G 18/24</b> ( 2006.01 ) <b>C08G 18/40</b> ( 2006.01 ) <b>C08G 18/44</b> ( 2006.01 ) <b>C08G 18/80</b> ( 2006.01 ) (87) WO2022/248034 (43) 01.12.2022 (72) REDDY, Ramaiahgari; KUMAR, Anil (74) Minter Ellison</p>	<p>(71) TREEFROG THERAPEUTICS (11) AU-A-2022295088 (21) 2022295088 (22) 16.06.2022 (54) LARGE CELLULAR MICROCOMPARTMENTS COMPRISING A PLURALITY OF CYSTS (51) Int. Cl. <b>C12N 5/00</b> ( 2006.01 ) <b>A61L 27/20</b> ( 2006.01 ) <b>C12N 5/074</b> ( 2010.01 ) (87) WO2022/263601 (31) FR2106403 (32) 16.06.21 (33) FR FR2114709 31.12.21 FR (43) 22.12.2022 (72) FEYEU, Maxime; LEONARD, Andréa; COHEN, Philippe (74) Spruson &amp; Ferguson</p>	<p>(71) U.S. BORAX INC. (11) AU-A-2022293367 (21) 2022293367 (22) 10.06.2022 (54) POTASSIUM BORON-CONTAINING FERTILIZER AND PROCESS (51) Int. Cl. <b>C05D 1/00</b> ( 2006.01 ) (87) WO2022/265924 (31) 63/212,411 (32) 18.06.21 (33) US (43) 22.12.2022 (72) DE SEQUEIRA, Cleiton; BARCELOS CARDOSO, Flavio; BOEHLJE, Wendall (74) Griffith Hack</p>
<p>(71) TRANSMAB PTY LTD (11) AU-A-2022280536 (21) 2022280536 (22) 25.05.2022 (54) IMPROVED IMMUNOGLOBULIN I (51) Int. Cl. <b>A61K 47/68</b> ( 2017.01 ) <b>A61K 9/00</b> ( 2006.01 ) <b>A61K 39/00</b> ( 2006.01 ) <b>A61K 49/00</b> ( 2006.01 ) <b>A61K 51/10</b> ( 2006.01 ) <b>A61P 35/00</b> ( 2006.01 ) <b>C07K 16/44</b> ( 2006.01 ) <b>G01N 33/533</b> ( 2006.01 ) <b>G01N 33/534</b> ( 2006.01 ) (87) WO2022/246510 (31) 2021901567 (32) 25.05.21 (33) AU (43) 01.12.2022 (72) DUBLJEVIC, Valentina; CAMPBELL, James (74) FB Rice Pty Ltd</p>	<p>(71) TREEMAGINEERS LTD (11) AU-A-2022292877 (21) 2022292877 (22) 14.06.2022 (54) HARNESSES (51) Int. Cl. <b>A62B 35/00</b> ( 2006.01 ) (87) WO2022/263418 (31) 2108789.5 (32) 18.06.21 (33) GB 2109336.4 29.06.21 GB (43) 22.12.2022 (72) COWELL, Christopher; TANNER, Elliot (74) Houlihan Intellectual Property Pty Ltd</p>	<p>(71) ULINK LABS, INC. (11) AU-A-2022301200 (21) 2022301200 (22) 29.06.2022 (54) SYSTEMS, DEVICES, AND METHODS FOR ESTABLISHING A WIRELESS LINK IN A HETEROGENEOUS MEDIUM (51) Int. Cl. <b>H04B 11/00</b> ( 2006.01 ) <b>A61B 5/00</b> ( 2006.01 ) <b>H02J 50/00</b> ( 2016.01 ) <b>H04B 5/00</b> ( 2006.01 ) (87) WO2023/278612 (31) 63/216,282 (32) 29.06.21 (33) US (43) 05.01.2023 (72) CHARTHAD, Jayant; WEBER, Marcus; TELICHKO, Arsenii (74) RnB IP Pty Ltd</p>
<p>(71) TRANSPORT AUTHORITY, INC. (11) AU-A-2022285767 (21) 2022285767 (22) 06.06.2022 (54) SYSTEMS AND METHODS FOR MANUFACTURING API-CONTAINING EDIBLES, AND RESULTING EDIBLE PRODUCTS (51) Int. Cl. <b>A23G 3/36</b> ( 2006.01 ) <b>A23G 3/54</b> ( 2006.01 ) <b>A23L 19/00</b> ( 2016.01 ) <b>A23L 25/00</b> ( 2016.01 ) <b>A61K 9/00</b> ( 2006.01 ) (87) WO2022/256735 (31) 63/197,189 (32) 04.06.21 (33) US</p>	<p>(71) TRIA PTE. LTD. (11) AU-A-2022458330 (21) 2022458330 (22) 13.06.2022 (54) A METHOD FOR DIGESTING BIODEGRADABLE PACKAGING WASTE AND AN APPARATUS THEREOF (51) Int. Cl. <b>B09B 3/60</b> ( 2022.01 ) <b>B65D 65/46</b> ( 2006.01 ) <b>C08J 11/10</b> ( 2006.01 ) <b>B09B 101/70</b> ( 2022.01 ) (43) 04.01.2024 (72) NG, Pei Kang; HON, Sui Ming, Raymond (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(71) ULTRADENT PRODUCTS, INC. (11) AU-A-2022298779 (21) 2022298779 (22) 22.06.2022 (54) DENTAL CARE DEVICE (51) Int. Cl. <b>A61C 13/15</b> ( 2006.01 ) (87) WO2022/271843 (31) 63/213,615 (32) 22.06.21 (33) US (43) 29.12.2022 (72) JESSOP, Neil, Thomas; PEASLEE, Lynn, William (74) Griffith Hack</p>
<p>(71) TRIUMVIRA IMMUNOLOGICS USA, INC. (11) AU-A-2022283819 (21) 2022283819 (22) 01.06.2022 (54) CLAUDIN 18.2 T CELL-ANTIGEN COUPLERS AND USES THEREOF (51) Int. Cl. <b>C07K 16/28</b> ( 2006.01 ) <b>C07K 14/05</b> ( 2006.01 ) <b>A61P 35/00</b> ( 2006.01 ) (87) WO2022/256449 (31) 63/202,211 (32) 01.06.21 (33) US 63/263,809 09.11.21 US 63/362,594 06.04.22 US</p>	<p>(71) UNITED KINGDOM RESEARCH AND INNOVATION (11) AU-A-2022310132 (21) 2022310132 (22) 14.07.2022 (54) METHODS FOR OPTIMISING PROTEIN PRODUCTION (51) Int. Cl. <b>G16B 15/10</b> ( 2019.01 ) (87) WO2023/285596 (31) 2110137.3 (32) 14.07.21 (33) GB</p>	<p>(71) UNITED KINGDOM RESEARCH AND INNOVATION (11) AU-A-2022310132 (21) 2022310132 (22) 14.07.2022 (54) METHODS FOR OPTIMISING PROTEIN PRODUCTION (51) Int. Cl. <b>G16B 15/10</b> ( 2019.01 ) (87) WO2023/285596 (31) 2110137.3 (32) 14.07.21 (33) GB</p>

PCT applications which have entered the National Phase - Name Index cont'd

- (43) 19.01.2023  
 (72) DUNKELMANN, Daniel L.; OEHM, Sebastian B.; BEATTIE, Adam T.; CHIN, Jason W.  
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) UNIVERSITE CLAUDE BERNARD LYON 1; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); ECOLE CENTRALE DE NANTES; ECOLE SUP CHIMIE PHYS ELECTRONIQ LYON; HEALSHAPE  
 (11) AU-A-2022299598  
 (21) 2022299598 (22) 24.06.2022  
 (54) THREE-DIMENSIONAL BODY IMPLANTS  
 (51) Int. Cl.  
**A61L 27/52** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
 (87) WO2022/269215  
 (31) FR2106827 (32) 25.06.21 (33) FR  
 (43) 29.12.2022  
 (72) MARQUETTE, Christophe; HERBLANC, Audrey; DOS SANTOS, Morgan; VIDAL, Luciano; PETIOT, Emma; CHASTAGNIER, Laura; THEPOT, Amélie; GODET, Baptiste  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) UNIVERSITE DE BORDEAUX; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE LAVAL  
 (11) AU-A-2022299203  
 (21) 2022299203 (22) 20.06.2022  
 (54) COMBINATION COMPRISING AT LEAST ONE SEROTONIN REUPTAKE INHIBITOR AND AT LEAST ONE STIMULATOR OF POTASSIUM-CHLORIDE COTRANSPORTER TYPE 2 AND ITS MEDICAL USE  
 (51) Int. Cl.  
**A61K 31/138** ( 2006.01 )  
**A61K 31/135** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/4525** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/5415** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 29/02** ( 2006.01 )  
 (87) WO2022/268738  
 (31) 21305849.8 (32) 21.06.21 (33) EP  
 (43) 29.12.2022  
 (72) FOSSAT, Pascal; ABY, Franck; DE KONINCK, Yves; BOUALI-BENAZOUZ, Rabia  
 (74) Griffith Hack
- 
- (71) UNIVERSITE GRENOBLE ALPES; CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE ALPES; INSTITUT POLYTECHNIQUE DE GRENOBLE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 (11) AU-A-2022302914  
 (21) 2022302914 (22) 29.06.2022
- 
- (71) PANCREATIC CELL RECEIVING MATRIX AND IMPROVED ARTIFICIAL PANCREAS DEVICE  
 (51) Int. Cl.  
**A61F 2/02** ( 2006.01 )  
 (87) WO2023/275134  
 (31) FR2107086 (32) 30.06.21 (33) FR  
 (43) 05.01.2023  
 (72) ZEBDA, Abdelkader; CINQUIN, Philippe; BEN TAHAR, Awatef; TUBBS, Emilie; BENHAMOU, Pierre-Yves; LABLANCHE, Sandrine  
 (74) AUSTRALASIA IP PTY LTD
- 
- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED  
 (11) AU-A-2022288992  
 (21) 2022288992 (22) 07.06.2022  
 (54) PREDICTION OF POST-OPERATIVE PAIN USING HOSVD  
 (51) Int. Cl.  
**G16H 50/70** ( 2018.01 )  
**A61B 5/02** ( 2006.01 )  
**G16H 10/60** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
 (87) WO2022/261042  
 (31) 63/202,374 (32) 08.06.21 (33) US  
 (43) 15.12.2022  
 (72) BAHARLOO, Raheleh; TIGHE, Patrick J.; RASHIDI, Parisa; PRINCIPE, Jose C.; ANDALIB, Arash  
 (74) FB Rice Pty Ltd
- 
- (71) UNIVERSITY OF MISSISSIPPI; MUNIVAR, A.; PULEO, D.A.  
 (11) AU-A-2022287905  
 (21) 2022287905 (22) 07.06.2022  
 (54) METHODS FOR THE PULSED DELIVERY OF BIOACTIVE AGENTS  
 (51) Int. Cl.  
**A61K 9/70** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/48** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
 (87) WO2022/261058  
 (31) 63/197,632 (32) 07.06.21 (33) US  
 (43) 15.12.2022  
 (72) MUNIVAR, Azim; PULEO, David Allen; WERFEL, Thomas  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; BRAINDRIP, L.  
 (11) AU-A-2022361980  
 (21) 2022361980 (22) 12.08.2022  
 (54) APPARATUS AND METHOD FOR INSTALLING CABLES, SUCH AS FIBER OPTIC CABLES INCLUDING ASSOCIATED SENSORS, IN TUBULAR STRUCTURES SUCH AS A PIPELINES  
 (51) Int. Cl.  
**H02G 1/08** ( 2006.01 )  
**F16L 7/00** ( 2006.01 )
- 
- (71) UNIVERSITY OF SOUTH AUSTRALIA  
 (11) AU-A-2022290468  
 (21) 2022290468 (22) 08.06.2022  
 (54) IMPROVEMENTS IN OPTICAL DATA STORAGE  
 (51) Int. Cl.  
**B82B 1/00** ( 2006.01 )  
**B82B 3/00** ( 2006.01 )  
**B82Y 10/00** ( 2011.01 )  
**C09K 11/77** ( 2006.01 )  
**G01J 3/28** ( 2006.01 )  
**G01J 3/42** ( 2006.01 )  
**G01J 3/443** ( 2006.01 )  
**G01N 21/25** ( 2006.01 )  
**G01N 21/59** ( 2006.01 )  
**G01N 21/63** ( 2006.01 )  
**G02B 1/02** ( 2006.01 )  
**G02F 1/00** ( 2006.01 )  
**G02F 1/35** ( 2006.01 )  
**G02F 1/355** ( 2006.01 )  
**G11B 7/0045** ( 2006.01 )  
**G11B 7/243** ( 2013.01 )  
**G11C 13/04** ( 2006.01 )  
 (87) WO2022/256867  
 (31) 2021901706 (32) 08.06.21 (33) AU  
 (43) 15.12.2022  
 (72) RIESEN, Nicolas Noel; RIESEN, Hans Albert  
 (74) Madderns Pty Ltd
- 
- (71) UNIVERSITY OF VIRGINIA PATENT FOUNDATION  
 (11) AU-A-2022298665  
 (21) 2022298665 (22) 22.06.2022  
 (54) COMPOSITIONS AND METHODS FOR DETECTING AND REGULATING FIBRONECTIN-INTEGRIN INTERACTIONS AND SIGNALING  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C40B 20/04** ( 2006.01 )  
**C40B 40/10** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )  
 (87) WO2022/271782  
 (31) 63/213,492 (32) 22.06.21 (33) US  
 (43) 29.12.2022  
 (72) BARKER, Thomas, H.; SHETTY, Jagathpala  
 (74) Spruson & Ferguson
- 
- (71) UPL LIMITED  
 (11) AU-A-2021220335  
 (21) 2021220335 (22) 10.02.2021  
 (54) AN AGROCHEMICAL COMPOSITION  
 (51) Int. Cl.  
**A01N 25/22** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )

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- A01N 43/40** ( 2006.01 )  
**A01N 47/40** ( 2006.01 )  
**A01N 51/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**(87)** WO2021/161173  
**(31)** 202021006143 **(32)** 12.02.20 **(33)** IN  
**(43)** 19.08.2021  
**(72)** WAGH, Pradeep; SHIRSHAT, Rajan  
 Ramakant  
**(74)** Churchill Attorneys
- 
- (71)** URÇAR, S.; URÇAR, B.  
**(11)** AU-A-2022442255  
**(21)** 2022442255 **(22)** 22.12.2022  
**(54)** KILOMETER CALCULATING SYSTEM  
 IN CAN BE CHARGED AND SELF-  
 CHARGEABLE VEHICLES AND PAY-  
 MENT METHOD  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**(87)** WO2023/163677  
**(31)** 2022/002895 **(32)** 28.02.22 **(33)** TR  
**(43)** 31.08.2023  
**(72)** URÇAR, Serkan  
**(74)** Arceo IP
- 
- (71)** UVERA SA  
**(11)** AU-A-2022280611  
**(21)** 2022280611 **(22)** 27.05.2022  
**(54)** A PROCESS FOR THE ISOLATION  
 AND CULTURE OF STRAINS, THE  
 STRAINS, USE THEREOF, MEDIA  
 FOR CULTURING THEREOF AND A  
 FORM OF SCYTONEMIN  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )  
**C07D 209/70** ( 2006.01 )  
**C09B 61/00** ( 2006.01 )  
**C12P 1/04** ( 2006.01 )  
**C12P 17/10** ( 2006.01 )  
**C12P 17/16** ( 2006.01 )  
**C12R 1/01** ( 2006.01 )  
**(87)** WO2022/250557  
**(31)** P.437991 **(32)** 28.05.21 **(33)** PL  
**(43)** 01.12.2022  
**(72)** KICIAK, Adam; JANDER, Magdalena  
**(74)** ALLENS PATENT & TRADE MARK  
 ATTORNEYS
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- (71)** VACCITECH NORTH AMERICA, INC.;  
 THE UNITED STATES OF AMERICA,  
 AS REPRESENTED BY THE SECRET-  
 ARY, DEPARTMENT OF HEALTH AND  
 HUMAN SERVICES  
**(11)** AU-A-2022293891  
**(21)** 2022293891 **(22)** 16.06.2022  
**(54)** SELF-ASSEMBLING NANO-  
 PARTICLES BASED ON AMPHIPHILIC  
 PEPTIDES FOR DRUG DELIVERY AP-  
 PPLICATIONS  
**(51)** Int. Cl.  
**A61K 47/10** ( 2017.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 47/22** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/44** ( 2017.01 )
- 
- A61K 47/50** ( 2017.01 )  
**A61K 47/56** ( 2017.01 )  
**A61K 47/69** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**C08G 69/00** ( 2006.01 )  
**C08G 81/00** ( 2006.01 )  
**C08G 83/00** ( 2006.01 )  
**(87)** WO2022/266340  
**(31)** 63/211,336 **(32)** 16.06.21 **(33)** US  
 63/284,375 30.11.21 US  
**(43)** 22.12.2022  
**(72)** LYNN, Geoffrey, M.; ZHU, Yaling;  
 NICHOLS, Sarah, R.; REN, Qiuyin;  
 ISHIZUKA, Andrew, S.  
**(74)** Madderns Pty Ltd
- 
- (71)** VAIL SYSTEMS, INC.  
**(11)** AU-A-2022368917  
**(21)** 2022368917 **(22)** 20.10.2022  
**(54)** A CONVERSATIONAL INTERFACE  
 AND METHOD FOR INTERACTION  
 WITH COMMUNICATION DEVICES  
**(51)** Int. Cl.  
**G06F 3/16** ( 2006.01 )  
**H04L 65/1046** ( 2022.01 )  
**H04L 65/1063** ( 2022.01 )  
**H04L 67/54** ( 2022.01 )  
**H04L 67/564** ( 2022.01 )  
**H04M 1/72427** ( 2021.01 )  
**H04M 3/527** ( 2006.01 )  
**H04M 1/72484** ( 2021.01 )  
**(87)** WO2023/070032  
**(31)** 63/262,930 **(32)** 22.10.21 **(33)** US  
**(43)** 27.04.2023  
**(72)** SHARMA, Nikhita; SMETANA, Joseph  
 R.; FRUIN, David J.; GURBANI, Vijay  
 K.  
**(74)** RnB IP Pty Ltd
- 
- (71)** VALENCE NATURAL GAS SOLU-  
 TIONS LLC  
**(11)** AU-A-2022320700  
**(21)** 2022320700 **(22)** 28.07.2022  
**(54)** METHODS AND SYSTEMS FOR NAT-  
 URAL GAS PURIFICATION INTEG-  
 RATED WITH GAS COMPRESSION  
**(51)** Int. Cl.  
**F25J 3/08** ( 2006.01 )  
**C07C 9/04** ( 2006.01 )  
**C10G 5/06** ( 2006.01 )  
**C10L 3/10** ( 2006.01 )  
**(87)** WO2023/009689  
**(31)** 63/226,235 **(32)** 28.07.21 **(33)** US  
 17/875,128 27.07.22 US  
**(43)** 02.02.2023  
**(72)** VERTZ, John; WILSON, Stewart;  
 WOOD, Denver  
**(74)** Spruson & Ferguson
- 
- (71)** VAXCELL-BIO; KONGJU NATIONAL  
 UNIVERSITY INDUSTRY-UNIVERSITY  
 COOPERATION FOUNDATION  
**(11)** AU-A-2022285433  
**(21)** 2022285433 **(22)** 31.05.2022  
**(54)** COMPOSITION CONTAINING FEED-  
 ER CELL FOR PROLIFERATING NAT-  
 URAL KILLER CELL  
**(51)** Int. Cl.
- 
- C12N 5/0783** ( 2010.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/715** ( 2006.01 )  
**C12N 5/09** ( 2010.01 )  
**(87)** WO2022/255793  
**(31)** 10-2021-0070778 **(32)** 01.06.21 **(33)** KR  
**(43)** 08.12.2022  
**(72)** KIM, Sang Ki; RHEE, Joon Haeng;  
 LEE, Je Jung  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** VEILED THERAPEUTICS LLC  
**(11)** AU-A-2022293850  
**(21)** 2022293850 **(22)** 14.06.2022  
**(54)** ACID-LABILE CHEMOTHERAPEUTIC  
 PACLITAXEL BASED COMPOUNDS  
 FOR THE TREATMENT OF CANCER  
**(51)** Int. Cl.  
**C07D 407/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2022/266135  
**(31)** 63/211,253 **(32)** 16.06.21 **(33)** US  
**(43)** 22.12.2022  
**(72)** MCCHESENEY, James, D.; CHITTIBOY-  
 INA, Amar, G.; ANNAM, Suresh; HAID-  
 ER, Saqlain  
**(74)** AJ PARK
- 
- (71)** VENN BIOSCIENCES CORPORATION  
**(11)** AU-A-2022276734  
**(21)** 2022276734 **(22)** 18.05.2022  
**(54)** BIOMARKERS FOR DIAGNOSING  
 OVARIAN CANCER  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**G16B 20/00** ( 2019.01 )  
**G16H 50/20** ( 2018.01 )  
**(87)** WO2022/246416  
**(31)** 63/190,141 **(32)** 18.05.21 **(33)** US  
 63/307,009 04.02.22 US  
**(43)** 24.11.2022  
**(72)** SERIE, Daniel; PICKERING, Chad  
 Eagle; RAMACHANDRAN, Prasanna;  
 XU, Gege  
**(74)** FB Rice Pty Ltd
- 
- (71)** VERDAGY, INC.  
**(11)** AU-A-2021448957  
**(21)** 2021448957 **(22)** 22.12.2021  
**(54)** ANODE AND/OR CATHODE PAN AS-  
 SEMBLIES IN AN ELECTROCHEM-  
 ICAL CELL, AND METHODS TO USE  
 AND MANUFACTURE THEREOF  
**(51)** Int. Cl.  
**C25B 9/17** ( 2021.01 )  
**C25B 9/23** ( 2021.01 )  
**H01M 8/02** ( 2016.01 )  
**H01M 8/2465** ( 2016.01 )  
**H01M 8/2483** ( 2016.01 )  
**H01M 8/2484** ( 2016.01 )  
**(87)** WO2022/256042  
**(31)** 63/195,520 **(32)** 01.06.21 **(33)** US  
 17/557,421 21.12.21 US



PCT applications which have entered the National Phase - Name Index cont'd

- (43) 08.12.2022  
 (72) MCWAID, Thomas H.; GILLIAM, Ryan J.  
 (74) GLMR
- 
- (71) VERDAGY, INC.  
 (11) AU-A-2021449337  
 (21) 2021449337 (22) 22.12.2021  
 (54) ANODE AND/OR CATHODE PAN ASSEMBLIES IN AN ELECTROCHEMICAL CELL, AND METHODS TO USE AND MANUFACTURE THEREOF  
 (51) Int. Cl.  
**C25B 9/65** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )  
**C25B 9/17** ( 2021.01 )  
**C25B 9/19** ( 2021.01 )  
**C25B 9/60** ( 2021.01 )  
 (87) WO2022/256043  
 (31) 63/195,531 (32) 01.06.21 (33) US  
 17/557,467 21.12.21 US  
 (43) 08.12.2022  
 (72) MCWAID, Thomas H.; GILLIAM, Ryan J.  
 (74) GLMR
- 
- (71) VESTLANDETS INNOVASJONSSELSKAP AS (VIS)  
 (11) AU-A-2022299351  
 (21) 2022299351 (22) 24.06.2022  
 (54) NAD-AUGMENTATION THERAPY FOR PARKINSON'S DISEASE  
 (51) Int. Cl.  
**A61K 31/706** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
 (87) WO2022/269066  
 (31) 2109138.4 (32) 24.06.21 (33) GB  
 2200883.3 24.01.22 GB  
 20220100277 29.03.22 GR  
 (43) 29.12.2022  
 (72) TZOULIS, Charalampos; DÖLLE, Christian  
 (74) Spruson & Ferguson
- 
- (71) VIASAT, INC.  
 (11) AU-A-2022288706  
 (21) 2022288706 (22) 10.06.2022  
 (54) THINNED ARRAY FED REFLECTOR AND BEAM PEAK ADJUSTMENT METHOD THEREOF  
 (51) Int. Cl.  
**H01Q 1/12** ( 2006.01 )  
**H01Q 3/24** ( 2006.01 )  
**H01Q 3/26** ( 2006.01 )  
**H01Q 19/13** ( 2006.01 )  
**H01Q 19/17** ( 2006.01 )  
 (87) WO2022/261505  
 (31) 63/209,149 (32) 10.06.21 (33) US  
 (43) 15.12.2022  
 (72) VIGANO, Maria  
 (74) Adams Pluck
- 
- (71) VIGENCELL INC.; THE CATHOLIC UNIVERSITY OF KOREA IN-DUSTRY-ACADEMIC COOPERATION FOUNDATION  
 (11) AU-A-2021451276  
 (21) 2021451276 (22) 14.06.2021  
 (54) PHARMACEUTICAL USE OF CORD BLOOD IMMUNOSUPPRESSIVE CELL  
 (51) Int. Cl.  
**A61K 35/51** ( 2015.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
 (87) WO2022/265124  
 (43) 22.12.2022  
 (72) SOHN, Hyun Jung; KIM, Tai Gyu; KIM, Su Eon; JUNG, Soo Hyun; CHO, Hyun Il; LIM, Bang Geul; KIM, Eun Ah  
 (74) WRAYS PTY LTD
- 
- (71) VIPER INNOVATIONS LIMITED  
 (11) AU-A-2022294183  
 (21) 2022294183 (22) 19.05.2022  
 (54) REMOTE CALCULATION OF EARTH CONNECTION IMPEDANCE  
 (51) Int. Cl.  
**G01R 27/20** ( 2006.01 )  
**H02H 3/16** ( 2006.01 )  
**H02H 5/10** ( 2006.01 )  
 (87) WO2022/263789  
 (31) 2108725.9 (32) 18.06.21 (33) GB  
 (43) 22.12.2022  
 (72) SIMPSON, Steve; COVENTRY, Keith David  
 (74) Griffith Hack
- 
- (71) VMI HOLLAND B.V.  
 (11) AU-A-2022298568  
 (21) 2022298568 (22) 19.01.2022  
 (54) METHOD, COMPUTER PROGRAM PRODUCT AND DISPENSING DEVICE FOR DISPENSING DISCRETE MEDICAMENTS  
 (51) Int. Cl.  
**G07F 11/00** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B65B 5/10** ( 2006.01 )  
**B65B 57/14** ( 2006.01 )  
**B65G 1/04** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**G16H 20/13** ( 2018.01 )  
 (87) WO2022/271009  
 (31) 17/353,986 (32) 22.06.21 (33) US  
 (43) 29.12.2022  
 (72) BRAKKEE, Martinus Johannes Donatus; VAN ROON, Peter; VAN VOORN, Patrick  
 (74) Griffith Hack
- 
- (71) VOLVO AUTONOMOUS SOLUTIONS AB  
 (11) AU-A-2021454747  
 (21) 2021454747 (22) 07.07.2021  
 (54) A METHOD OF CONTROLLING A BACKUP MOTION CONTROL SYSTEM  
 (51) Int. Cl.  
**B60T 8/88** ( 2006.01 )  
**B60W 50/029** ( 2012.01 )  
**B60W 60/00** ( 2020.01 )  
 (87) WO2023/280394  
 (43) 12.01.2023  
 (72) HAGVALL, Linus; BERGQUIST, Stefan; NILSSON, Peter  
 (74) Griffith Hack
- 
- (71) WEI, T.  
 (11) AU-A-2022279109  
 (21) 2022279109 (22) 14.05.2022  
 (54) ELECTRIC-QUANTITY-BASED PATH PLANNING METHOD FOR ELECTRIC VEHICLE COMPATIBLE WITH ENERGY STORAGE CHARGING PILE  
 (51) Int. Cl.  
**G06Q 10/06** ( 2023.01 )  
 (87) WO2022/242579  
 (31) 202110530786.8 (32) 15.05.21 (33) CN  
 (43) 24.11.2022  
 (72) WEI, Tao  
 (74) Tecrich IP
- 
- (71) WESTROCK PACKAGING SYSTEMS, LLC  
 (11) AU-A-2022273770  
 (21) 2022273770 (22) 13.05.2022  
 (54) ARTICLE CARRIERS AND BLANKS THEREFOR  
 (51) Int. Cl.  
**B65D 71/42** ( 2006.01 )  
**B65D 71/50** ( 2006.01 )  
 (87) WO2022/241179  
 (31) 63/188,159 (32) 13.05.21 (33) US  
 (43) 17.11.2022  
 (72) MERZEAU, Julien; PINES, Gabriel F.; ZACHERLE, Matthew; FAHRNER, Vincent  
 (74) Spruson & Ferguson
- 
- (71) WITH-U E-COMMERCE (SHANGHAI) CO., LTD.  
 (11) AU-A-2022431920  
 (21) 2022431920 (22) 29.12.2022  
 (54) SUNSHADE UMBRELLA  
 (51) Int. Cl.  
**A45B 23/00** ( 2006.01 )  
**A45B 25/02** ( 2006.01 )  
 (87) WO2023/131039  
 (31) 202220013887.8 (32) 04.01.22 (33) CN  
 (43) 13.07.2023  
 (72) DARTWICK, Martin James; YUAN, Chunliang; YANG, Shengyong  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) WITTIG, B.  
 (11) AU-A-2022292917  
 (21) 2022292917 (22) 16.06.2022  
 (54) SEQUENTIAL INNATE AND ADAPTIVE IMMUNE MODULATION FOR CANCER TREATMENT  
 (51) Int. Cl.  
**A61K 31/7105** ( 2006.01 )  
**A61K 31/282** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )

PCT applications which have entered the National Phase - Name Index cont'd

- A61K 31/475** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
**A61K 33/243** ( 2019.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(87)** WO2022/263618  
**(31)** 21179848.3 **(32)** 16.06.21 **(33)** EP  
**(43)** 22.12.2022  
**(72)** WITTIG, Burghardt; JÄHNIG, Peter;  
LÖHR, Janine  
**(74)** SR Intellectual Property
- 
- (71)** WONDERLAND SWITZERLAND AG  
**(11)** AU-A-2022318027  
**(21)** 2022318027 **(22)** 26.07.2022  
**(54)** BASE ASSEMBLY AND CHILD  
SAFETY SEAT FOR VEHICLE  
**(51)** Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**(87)** WO2023/006701  
**(31)** 202110844522.X **(32)** 26.07.21 **(33)** CN  
202210873961.8 22.07.22 CN  
**(43)** 02.02.2023  
**(72)** MO, Xiaolong; ZHANG, Kun; CHENG,  
Manqun  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** WOODSIDE ENERGY TECHNOLO-  
GIES PTY LTD  
**(11)** AU-A-2022327145  
**(21)** 2022327145 **(22)** 11.08.2022  
**(54)** SYSTEM AND METHOD FOR CON-  
VERTING GASEOUS CARBON COM-  
POUNDS TO CARBON NEUTRAL OR  
NEGATIVE PRODUCTS  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**C01B 3/34** ( 2006.01 )  
**(87)** WO2023/015355  
**(31)** 2021902515 **(32)** 12.08.21 **(33)** AU  
**(43)** 16.02.2023  
**(72)** JOSHI, Jitendra Achyut; AO, Min;  
MASSEN-HANE, Michael Edward Lev;  
SHEN, Qiqing; LIAW, Sui Boon; SI-  
MONS, Alexander David  
**(74)** Integrated IP
- 
- (71)** YI CHUN GREEN TECHNOLOGY CO.,  
LTD.; SHEN, J.  
**(11)** AU-A-2022345170  
**(21)** 2022345170 **(22)** 17.09.2022  
**(54)** FIBER RAW MATERIALS PRO-  
CESSING SYSTEM AND OPERATING  
METHOD THEREOF  
**(51)** Int. Cl.  
**D21C 3/22** ( 2006.01 )  
**D21B 1/04** ( 2006.01 )  
**D21B 1/14** ( 2006.01 )  
**D21B 1/02** ( 2006.01 )  
**(87)** WO2023/044078  
**(31)** 63/245,796 **(32)** 17.09.21 **(33)** US  
63/272,159 26.10.21 US  
63/272,164 26.10.21 US  
**(43)** 23.03.2023  
**(72)** WU, Pei-jen  
**(74)** Michael Buck IP
- 
- (71)** YI CHUN GREEN TECHNOLOGY CO.,  
LTD.; SHEN, J.  
**(11)** AU-A-2022345878  
**(21)** 2022345878 **(22)** 17.09.2022  
**(54)** LIQUID-ABSORBING RAW MATERI-  
ALS PROCESSING SYSTEM AND OP-  
ERATING METHOD THEREOF  
**(51)** Int. Cl.  
**D21C 5/02** ( 2006.01 )  
**A61F 13/53** ( 2006.01 )  
**B29B 17/04** ( 2006.01 )  
**D21B 1/04** ( 2006.01 )  
**D21C 9/00** ( 2006.01 )  
**(87)** WO2023/044079  
**(31)** 63/245,796 **(32)** 17.09.21 **(33)** US  
63/272,159 26.10.21 US  
63/272,164 26.10.21 US  
**(43)** 23.03.2023  
**(72)** WU, Pei-Jen  
**(74)** Michael Buck IP
- 
- (71)** YI CHUN GREEN TECHNOLOGY CO.,  
LTD.; SHEN, J.  
**(11)** AU-A-2022348509  
**(21)** 2022348509 **(22)** 17.09.2022  
**(54)** ABSORPTIVE ARTICLE QUICK DE-  
COMPOSITION SYSTEM AND OPER-  
ATING METHOD THEREOF  
**(51)** Int. Cl.  
**D21B 1/14** ( 2006.01 )  
**D21B 1/34** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**D21C 5/02** ( 2006.01 )  
**(87)** WO2023/044077  
**(31)** 63/245,796 **(32)** 17.09.21 **(33)** US  
63/272,159 26.10.21 US  
63/272,164 26.10.21 US  
**(43)** 23.03.2023  
**(72)** WU, Pei-jen  
**(74)** Michael Buck IP
- 
- (71)** YISSUM RESEARCH DEVELOPMENT  
COMPANY OF THE HEBREW UNI-  
VERSITY OF JERUSALEM LTD.  
**(11)** AU-A-2022289765  
**(21)** 2022289765 **(22)** 08.06.2022  
**(54)** SESAME PLANTS RESISTANT TO  
ACETOLACTATE SYNTHASE-INHIB-  
ITING HERBICIDES, COMPOSITIONS  
AND METHODS FOR PRODUCING  
SAME  
**(51)** Int. Cl.  
**A01H 6/66** ( 2018.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/88** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**(87)** WO2022/259249  
**(31)** 63/208,007 **(32)** 08.06.21 **(33)** US  
**(43)** 15.12.2022  
**(72)** PELEG, Zvi; GADRI, Yaron; AVNERI,  
Asaf  
**(74)** WRAYS PTY LTD
- 
- (71)** ZELLWERK GMBH  
**(11)** AU-A-2021447912  
**(21)** 2021447912 **(22)** 08.12.2021  
**(54)** METHOD FOR PRODUCING TU-  
MOR-INFILTRATING T-LYMPHO-  
CYTES (TIL) AND THEIR USE AS  
CELLULAR THERAPEUTICS FOR  
THE TREATMENT OF HUMAN TU-  
MORS  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**C12M 1/00** ( 2006.01 )  
**(87)** WO2022/247975  
**(31)** 10 2021 002 748.5 **(32)** 27.05.21 **(33)** DE  
**(43)** 01.12.2022  
**(72)** HOFFMEISTER, Hans; JÄGER, Elke;  
KARBACH, Julia; SINELNIKOV, Ev-  
genii; GUSTAVUS, Dirk  
**(74)** Baxter Patent Attorneys Pty Ltd
- 
- (71)** ZHEJIANG CHINT ELECTRICS CO.,  
LTD.  
**(11)** AU-A-2022453596  
**(21)** 2022453596 **(22)** 07.09.2022  
**(54)** RESIDUAL CURRENT OPERATED  
CIRCUIT BREAKER  
**(51)** Int. Cl.  
**H01H 71/00** ( 2006.01 )  
**(31)** 202210643972.7 **(32)** 08.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** SHAO, Jianghua; LI, Luobin; YANG,  
Lun  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- (71)** ZIGI CARMEL INITIATIVES & INVEST-  
MENTS LTD  
**(11)** AU-A-2022314317  
**(21)** 2022314317 **(22)** 20.07.2022  
**(54)** MEDICAL ADULT TOY  
**(51)** Int. Cl.  
**A61H 19/00** ( 2006.01 )  
**A61F 6/04** ( 2006.01 )  
**A61H 23/00** ( 2006.01 )  
**A61H 23/02** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61M 35/00** ( 2006.01 )  
**(87)** WO2023/002485  
**(31)** 63/223,822 **(32)** 20.07.21 **(33)** US  
**(43)** 26.01.2023  
**(72)** ZIGDON, Carmel  
**(74)** Spruson & Ferguson
- 
- (71)** ZIM LABORATORIES LIMITED  
**(11)** AU-A-2022285951  
**(21)** 2022285951 **(22)** 01.06.2022  
**(54)** DELAYED RELEASE COMPOSITIONS  
OF DIMETHYL FUMARATE  
**(51)** Int. Cl.  
**A61K 31/225** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**(87)** WO2022/254356  
**(31)** 202121024862 **(32)** 04.06.21 **(33)** IN  
202121024863 04.06.21 IN  
**(43)** 08.12.2022  
**(72)** MAINDE, Chandrashekhar; KEDAR, Ut-  
tam; GANGAWAT, Kuldeep  
**(74)** GLMR
- 
- (71)** ZIM LABORATORIES LIMITED  
**(11)** AU-A-2022286729  
**(21)** 2022286729 **(22)** 01.06.2022

## PCT applications which have entered the National Phase - Name Index cont'd

- (54) NOVEL PHARMACEUTICAL COM-  
POSITIONS COMPRISING DABIGAT-  
RAN ETEXILATE OR SALT THEREOF
- (51) Int. Cl.  
**A61K 31/4439** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )
- (87) WO2022/254354
- (31) 202121024864 (32) 04.06.21 (33) IN
- (43) 08.12.2022
- (72) MAINDE, Chandrashekhar; KEDAR, Ut-  
tam; GANGAWAT, Kuldeep
- (74) GLMR
- 

- (71) ZIP HEATERS (AUST) PTY LTD
- (11) AU-A-2022295558
- (21) 2022295558 (22) 17.06.2022
- (54) SANITISING SYSTEM FOR DRINKING  
WATER SYSTEMS
- (51) Int. Cl.  
**A61L 101/20** ( 2006.01 )  
**A61L 2/18** ( 2006.01 )  
**B01F 23/451** ( 2022.01 )  
**B01F 25/31** ( 2022.01 )  
**B01F 35/221** ( 2022.01 )  
**B65D 83/62** ( 2006.01 )  
**B67D 1/00** ( 2006.01 )  
**B67D 1/07** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
**B01F 101/48** ( 2022.01 )
- (87) WO2022/261724
- (31) 2021901819 (32) 17.06.21 (33) AU
- (43) 22.12.2022
- (72) MOULT, Kevin Ralph; NOBLE, Gary  
Christopher; SCOTT, Hayden David
- (74) GLMR
- 

- (71) ZTE CORPORATION
- (11) AU-A-2022274045
- (21) 2022274045 (22) 25.02.2022
- (54) INFORMATION TRANSMISSION  
METHOD AND APPARATUS, COM-  
MUNICATION NODE, AND STORAGE  
MEDIUM
- (51) Int. Cl.  
**H04W 72/12** ( 2023.01 )
- (87) WO2022/237276
- (31) 202110519186.1 (32) 12.05.21 (33) CN
- (43) 17.11.2022
- (72) BIAN, Luanjian; DAI, Bo; HU, Youjun;  
LIU, Kun; FANG, Huiying
- (74) WRAYS PTY LTD

Numerical Index

<b>2021220335</b>	UPL LIMITED	<b>2022273147</b>	BIOCITY BIOPHARMACEUTICS CO., LTD.
<b>2021269744</b>	FRONTHILL INDUSTRIES PTY LTD	<b>2022273186</b>	GLYCOS BIOMEDICAL LTD
<b>2021280128</b>	BPW BERGISCHE ACHSEN KOMMANDITGESELL-SCHAFT	<b>2022273202</b>	CROSSROADS EXTREMITY SYSTEMS, LLC
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<b>2021445518</b>	CLEAN CORE THORIUM ENERGY LLC	<b>2022273276</b>	1/1BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
<b>2021445582</b>	KIMBERLY-CLARK WORLDWIDE, INC.	<b>2022273326</b>	JANSSEN BIOTECH, INC.
<b>2021446498</b>	HINGE HEALTH, INC.	<b>2022273510</b>	IASIS MOLECULAR SCIENCES, INC.; VACHON, D.J.; VACHON, M.R.
<b>2021447046</b>	KIMBERLY-CLARK WORLDWIDE, INC.	<b>2022273731</b>	SYNPHATEC (SHANGHAI) BIOPHARMACEUTICAL TECHNOLOGY CO., LTD.
<b>2021447435</b>	KIMBERLY-CLARK WORLDWIDE, INC.	<b>2022273732</b>	SHENZHEN RESEARCH INSTITUTE OF THE HONG KONG POLYTECHNIC UNIVERSITY; FUDAN UNIVERSITY
<b>2021447912</b>	ZELLWERK GMBH	<b>2022273770</b>	WESTROCK PACKAGING SYSTEMS, LLC
<b>2021448286</b>	TRANSITIONS OPTICAL, LTD.	<b>2022273870</b>	TIMMERMANS, F.G.R.
<b>2021448510</b>	HUMAN ENGINEERING CO., LTD.; WASEDA UNIVERSITY; SHINSHU UNIVERSITY; Q'SFIX CO., LTD.	<b>2022274045</b>	ZTE CORPORATION
<b>2021448554</b>	3M INNOVATIVE PROPERTIES COMPANY	<b>2022274071</b>	JANSSEN PHARMACEUTICA NV
<b>2021448957</b>	VERDAGY, INC.	<b>2022274156</b>	DEPUY IRELAND UNLIMITED COMPANY
<b>2021449337</b>	VERDAGY, INC.	<b>2022274204</b>	ANTENGENE BIOLOGICS LIMITED
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<b>2021451004</b>	OXIDATION TECHNOLOGIES PTY LTD	<b>2022274548</b>	SONOS, INC.
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<b>2021451276</b>	VIGENCELL INC.; THE CATHOLIC UNIVERSITY OF KOREA INDUSTRY-ACADEMIC COOPERATION FOUNDATION	<b>2022274706</b>	INTEGRATED PLASTICS PTY LIMITED
<b>2021453193</b>	AMOCOR FLEXIBLES NORTH AMERICA, INC.	<b>2022274709</b>	HEXO OPERATIONS INC.
<b>2021453875</b>	NEARMAP AUSTRALIA PTY LTD.	<b>2022274870</b>	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
<b>2021454158</b>	TENIAS HARVESTER, S.L.	<b>2022274874</b>	GENERAL MILLS, INC.
<b>2021454637</b>	B.T.G. ADVANCED BIOFUEL COMPANY B.V.	<b>2022275085</b>	BEIJING CONTINENT PHARMACEUTICALS CO., LTD
<b>2021454747</b>	VOLVO AUTONOMOUS SOLUTIONS AB	<b>2022275192</b>	JANSSEN PHARMACEUTICA NV
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<b>2021455956</b>	THALES SIMULATION & TRAINING AG	<b>2022275363</b>	SCHOFIELD TECHNOLOGIES, INC.
<b>2021456362</b>	INNOMOTICS GMBH	<b>2022275581</b>	HIT TEKK PTY LTD
<b>2021456833</b>	LENOVO (SINGAPORE) PTE. LTD.	<b>2022275653</b>	NATIONAL UNIVERSITY OF SINGAPORE
<b>2021459597</b>	HALLIBURTON ENERGY SERVICES, INC.	<b>2022275754</b>	DEXCOM, INC.
<b>2021460828</b>	MITSUBISHI ELECTRIC CORPORATION	<b>2022276078</b>	NOGRA PHARMA LIMITED
<b>2022263509</b>	Ningbo Junhe Intelligent Technology Co., Ltd	<b>2022276152</b>	AGCO CORPORATION; PRECISION PLANTING LLC
<b>2022266595</b>	GRUBER, P.; IMPEKOVEN, C.	<b>2022276349</b>	KYMAB LIMITED
<b>2022271570</b>	DEPUY SYNTHES PRODUCTS, INC.	<b>2022276355</b>	ELEMENT SIX (UK) LIMITED
<b>2022271678</b>	ABL BIO INCORPORATED	<b>2022276378</b>	BÄUMER, S.; BÄUMER, N.; BERDEL, W.; LENZ, G.; WITTMANN, L.
<b>2022271791</b>	SYNDAX PHARMACEUTICALS, INC.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	<b>2022276550</b>	FINAL OFFER LLC
<b>2022271794</b>	BRISTOL-MYERS SQUIBB COMPANY	<b>2022276734</b>	VENN BIOSCIENCES CORPORATION
<b>2022271873</b>	ENTRADA THERAPEUTICS, INC.	<b>2022276879</b>	TORAY INDUSTRIES, INC.
<b>2022271874</b>	OHIO STATE INNOVATION FOUNDATION; GEORGIA TECH RESEARCH CORPORATION	<b>2022277017</b>	AUCKLAND UNISERVICES LIMITED; IKUTEGBE, C.A.; FARID, M.M.
<b>2022271927</b>	INNOVSTONE THERAPEUTICS LIMITED	<b>2022277246</b>	HUNG, M.
<b>2022271993</b>	JANSSEN PHARMACEUTICA NV	<b>2022277320</b>	DEXCOM, INC.
<b>2022272004</b>	ROTOJAR INNOVATIONS LIMITED	<b>2022277419</b>	RENEW HEALTH LIMITED
<b>2022272117</b>	MEDIMABBIO INC.	<b>2022277646</b>	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
<b>2022272135</b>	BIOMX LTD.	<b>2022277652</b>	MARTINEZ FRANCO, F.J.
<b>2022272166</b>	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	<b>2022277665</b>	CLEANFIBER INC.
<b>2022272302</b>	OPNA BIO SA; ALBERS, A.	<b>2022277697</b>	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
<b>2022272312</b>	SHELTERED WINGS, INC. D/B/A VORTEX OPTICS	<b>2022277801</b>	FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA DE SANTIAGO DE COMPOSTELA (FIDIS); SERVIZO GALEGO DE SAÚDE; CONSORCIO CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED (CIBER); UNIVERSIDADE DE SANTIAGO DE COMPOSTELA; UNIVERSIDAD DE VALLADOLID; PRO-NOKAL HEALTH GROUP S.L.
<b>2022272332</b>	MICROBA IP PTY LTD	<b>2022278034</b>	AUGMENTA AGRICULTURE TECHNOLOGIES SMPCLACTIGA, INC.
<b>2022272575</b>	NANJING CHUANGTE PHARMACEUTICAL TECHNOLOGY CO., LTD	<b>2022278041</b>	FURUKAWA ELECTRIC CO.,LTD.
<b>2022272580</b>	EPI-MINDER PTY LTD	<b>2022278243</b>	ECOICHEM INTERNATIONAL NV
<b>2022272586</b>	MEDIMABBIO INC.	<b>2022278485</b>	LAMB WESTON, INC.
<b>2022272692</b>	JANSSEN PHARMACEUTICA NV	<b>2022278542</b>	HALTER USA INC
<b>2022272725</b>	BRISTOL-MYERS SQUIBB COMPANY	<b>2022278706</b>	
<b>2022272729</b>	DANIMER IPCO, LLC		
<b>2022272896</b>	THE BOEING COMPANY		
<b>2022272922</b>	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE		
<b>2022272973</b>	NKARTA, INC.		
<b>2022273048</b>	PHILIP, P.		
<b>2022273049</b>	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		

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2022279062	SAREPTA THERAPEUTICS, INC.	2022286646	TOPAS THERAPEUTICS GMBH
2022279079	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2022286714	MASCULL, E.J.; MASCULL, R.T.
2022279109	WEI, T.	2022286729	ZIM LABORATORIES LIMITED
2022279185	SHANGHAI DE NOVO PHARMATECH CO., LTD.	2022286747	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED
2022279215	BLUE BUFFALO ENTERPRISES, INC.	2022286951	NTH CYCLE, INC.
2022279563	ETHERNA IMMUNOTHERAPIES NV	2022287036	MAZEN ANIMAL HEALTH INC.
2022279580	COMPLEMENT THERAPEUTICS LIMITED	2022287071	SHIJIAZHUANG YILING PHARMACEUTICAL CO., LTD.
2022279661	HAIN, R.J.M.	2022287204	QINETIQ LIMITED
2022280004	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022287267	PLANETE
2022280016	MYELOID THERAPEUTICS, INC.	2022287504	MCMaster UNIVERSITY; OTTAWA HOSPITAL RESEARCH INSTITUTE
2022280063	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022287865	FUTURE MEDICINE CO., LTD.
2022280145	NEW YORK GENOME CENTER, INC.; NEW YORK UNIVERSITY	2022287905	UNIVERSITY OF MISSISSIPPI; MUNIVAR, A.; PULEO, D.A.
2022280225	THE UNITED BIO-TECHNOLOGY (HENGQIN) CO., LTD.	2022287919	EQUISTAR CHEMICALS, LP
2022280341	MERCK PATENT GMBH	2022287932	PACT PHARMA, INC.
2022280536	TRANSMAB PTY LTD	2022287974	ATAI THERAPEUTICS, INC.
2022280543	ASPECT BIOSYSTEMS LTD.	2022288055	SAVANT SYSTEMS, INC.
2022280611	UVERA SA	2022288086	FLEXIBLE STEEL LACING COMPANY
2022280785	KIMBERLY-CLARK WORLDWIDE, INC.	2022288145	LUPIN ATLANTIS HOLDINGS SA
2022281340	FIGENE, LLC	2022288340	METALLURGICA LEDRENSE SOCIETÀ COOPERATIVA
2022281461	EDELWEISS IMMUNE INC	2022288369	PREVIPHARMA CONSULTING GMBH; CSL BEHRING AG
2022281500	FLAWLESS HOLDINGS LIMITED	2022288407	MORINAGA & CO., LTD.
2022281895	MASCHINENFABRIK REINHAUSEN GMBH	2022288493	GLOBE (JIANGSU) CO., LTD.
2022281992	ASTRAZENECA AB	2022288571	ARES TRADING S.A.; GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 4) LTD.
2022282513	BUNGE LODERS CROKLAAN B.V.; BUNGE FINLAND OY; WALTER RAU LEBENSMITTELWERKE GMBH	2022288614	HODGE, G.L.
2022282537	PPG INDUSTRIES OHIO, INC.	2022288639	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS; MARY HITCHCOCK MEMORIAL HOSPITAL, FOR ITSELF AND ON BEHALF OF DARTMOUTH-HITCHCOCK CLINIC
2022282559	ETHERNA IMMUNOTHERAPIES NV	2022288704	SPARK THERAPEUTICS, INC.
2022282816	METSO FINLAND OY	2022288706	VIASAT, INC.
2022283171	PRP CONCEPTS, INC.	2022288762	GELION TECHNOLOGIES PTY LTD
2022283258	BIOCRYST PHARMACEUTICALS, INC.	2022288838	CJ CHEILJEDANG CORPORATION
2022283276	NEWHUB HOLDING COMPANY	2022288842	CJ CHEILJEDANG CORPORATION
2022283415	NOVELWISE PHARMACEUTICAL CORPORATION	2022288851	GALVANIZE THERAPEUTICS, INC.
2022283492	ALFA LAVAL CORPORATE AB	202228892	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
2022283794	MCNICHOLAS, D.	2022289035	SPARK THERAPEUTICS, INC.
2022283810	HODGE, G.L.	2022289139	LNT SOLUTIONS LIMITED; CONSUS ANT STATIONARY CUTTING SOLUTIONS GMBH
2022283816	ACEA THERAPEUTICS, INC.	2022289196	SHANGHAI SYNVIDA BIOTECHNOLOGY CO. LTD.
2022283819	TRIUMVIRA IMMUNOLOGICS USA, INC.	2022289203	INSTITUTE OF MATERIA MEDICA ,CHINESE ACADEMY OF MEDICAL SCIENCES
2022283841	ELECTROSEP INC.	2022289383	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
2022283898	DYNO THERAPEUTICS, INC.	2022289426	ALTRO LIMITED
2022284327	NEXANS	2022289498	ORPHAI THERAPEUTICS INC.
2022284373	BOEHRINGER INGELHEIM INTERNATIONAL GMBH; OSE IMMUNOTHERAPEUTICS SA	2022289605	HANGZHOU GLUBIO PHARMACEUTICAL CO., LTD.
2022284393	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED	2022289708	INTERDIGITAL PATENT HOLDINGS, INC.
2022284808	METAGENOMI, INC.	2022289721	AMGEN INC.
2022284870	DYNO THERAPEUTICS, INC.	2022289765	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.
2022284976	PLUG POWER INC.	2022289858	MIRONCOL DIAGNOSTICS, INC.
2022284994	SHIJIAZHUANG YILING PHARMACEUTICAL CO., LTD.	2022289943	HUAWEI TECHNOLOGIES CO., LTD.
2022285134	TESSENDERLO GROUP NV	2022290046	CHRYSALABS INC.
2022285433	VAXCELL-BIO; KONGJU NATIONAL UNIVERSITY INDUSTRY-UNIVERSITY COOPERATION FOUNDATION	2022290228	NATIONAL UNIVERSITY OF SINGAPORE; AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
2022285676	REGENERON PHARMACEUTICALS, INC.; CENTER FOR NON-COMMUNICABLE DISEASES	2022290259	BARDEX CORPORATION
2022285734	RIMERE, LLC	2022290277	COAGULO MEDICAL TECHNOLOGIES, INC.
2022285767	TRANSPORT AUTHORITY, INC.	2022290278	LIFEEDIT THERAPEUTICS, INC.
2022285815	BOS BALANCE OF STORAGE SYSTEMS AG	2022290378	IONCTURA SA
2022285928	STORM THERAPEUTICS LTD	2022290468	UNIVERSITY OF SOUTH AUSTRALIA
2022285951	ZIM LABORATORIES LIMITED	2022290514	GE GRID GMBH
2022285969	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED	2022290660	PAL S.R.L.
2022286108	ANGEL GROUP CO., LTD.		
2022286340	REGENERON PHARMACEUTICALS, INC.		
2022286407	HARPOON THERAPEUTICS, INC.		
2022286420	ATALANTA THERAPEUTICS, INC.		
2022286580	STARSPRINGS AB		
2022286623	QINETIQ LIMITED		

PCT applications which have entered the National Phase - Numerical Index cont'd

2022290769	CHOICE B.V.	2022293891	VACCITECH NORTH AMERICA, INC.; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022290870	ACCUPREDICT, INC.	2022293939	BASF SE
2022291133	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	2022293959	BASF SE
2022291145	PACT PHARMA, INC.	2022294057	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.
2022291168	DNA GENOTEK INC.	2022294068	NICOVENTURES TRADING LIMITED
2022291255	BIOARCTIC AB	2022294071	EPICENTRX, INC.
2022291370	FLAGSHIP PIONEERING INNOVATIONS VII, LLC	2022294086	APNIMED, INC. (DELAWARE)
2022291391	KRAFT FOODS GROUP BRANDS LLC	2022294088	PACT PHARMA, INC.
2022291395	SAGE THERAPEUTICS, INC.	2022294104	IPG PHOTONICS CORPORATION
2022291708	ENRICHMENT SYSTEMS LLC	2022294183	VIPER INNOVATIONS LIMITED
2022291743	EMPIRICO INC.	2022294192	NICOVENTURES TRADING LIMITED
2022291752	BIOGEN MA INC.	2022294194	IKAROVEC LIMITED
2022291834	DISCGENICS, INC.	2022294211	GENEFIRST LIMITED; FU, G.
2022291870	PEPSICO, INC.	2022294223	SUBSEA 7 LIMITED
2022291927	ATEA PHARMACEUTICALS, INC.	2022294257	ARMAMENTS CORPORATION OF SOUTH AFRICA SOC LTD
2022291952	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION; ATMOSZERO, INC.	2022294265	ADAMA MAKHTESHIM LTD.
2022291957	PPG INDUSTRIES OHIO, INC.	2022294370	OURA HEALTH OY
2022291961	CARGILL, INCORPORATED	2022294569	NIPPON PAINT SURF CHEMICALS CO.,LTD.
2022291997	A3P BIOMEDICAL AB	2022294638	MONASH UNIVERSITY
2022292024	INVENTIO AG	2022294699	NEMATIQ IP PTY LTD
2022292047	BASF SE	2022294700	NEMATIQ IP PTY LTD
2022292061	BASF SE	2022294728	LG CHEM, LTD.
2022292071	AUREGEN BIOTHERAPEUTICS SA	2022294874	BAKER HUGHES HOLDINGS LLC
2022292081	HAULOTTE GROUP	2022294881	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022292084	KONINKLIJKE DOUWE EGBERTS B.V.	2022294905	PEPSICO, INC.
2022292113	TEN CATE PROTECT BV	2022294928	CENTRO DE INMUNOLOGÍA MOLECULAR
2022292114	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.	2022295024	ERTMS SOLUTIONS
2022292324	KIMURA, K.	2022295058	FIELDWORK ROBOTICS LIMITED
2022292366	IBMSOL CO., LTD.	2022295088	TREEFROG THERAPEUTICS
2022292377	PANT, H.; LOPEZ, A.; SCHEMBRI, M.	2022295134	NICOVENTURES TRADING LIMITED
2022292387	2840629 ONTARIO INC.	2022295135	IKAROVEC LIMITED
2022292414	LG CHEM, LTD.	2022295209	B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY
2022292554	SCORPION THERAPEUTICS, INC.	2022295211	B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., AT BEN-GURION UNIVERSITY
2022292565	COGNITIV CORP.	2022295557	NEWSOUTH INNOVATIONS PTY LIMITED
2022292569	DARBIX LLC	2022295558	ZIP HEATERS (AUST) PTY LTD
2022292571	PEPSICO, INC.	2022295774	CATERPILLAR INC.
2022292649	BIOOTHERYX, INC.	2022295828	LIFETIME PRODUCTS, INC.
2022292656	CAPITAL ONE SERVICES, LLC	2022295962	ISP INVESTMENTS LLC
2022292679	HUAWEI TECHNOLOGIES CO., LTD.	2022295990	ALIGOS THERAPEUTICS, INC.
2022292722	ATRECA, INC.	2022296056	MOLECULENT AB
2022292792	REGENERON PHARMACEUTICALS, INC.	2022296096	SUMITOMO ELECTRIC INDUSTRIES, LTD.
2022292802	DONALD DANFORTH PLANT SCIENCE CENTER	2022296124	ELECTRICAL ENGINEERING SOLUTIONS PTY LTD
2022292806	CARGILL, INCORPORATED	2022296128	BREVILLE PTY LIMITED
2022292877	TREEMAGINEERS LTD	2022296206	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
2022292886	NUCLEUS MEDICAL GMBH	2022296423	CAREFUSION 303, INC.
2022292895	ASTELLAS PHARMA EUROPE BV; XENCOR, INC.	2022296432	GEOMATRIX, LLC
2022292901	SOLTEC INNOVATIONS, S.L.	2022296552	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.; SHOUYAO HOLDINGS (BEIJING) CO., LTD.; LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD.
2022292908	ELANCO TIERGESUNDHEIT AG; BAYER ANIMAL HEALTH GMBH	2022296590	ICU MEDICAL, INC.
2022292917	WITTIG, B.	2022296694	INTEGRA MISSION CRITICAL, LLC
2022292988	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2022296764	BASF SE
2022293195	RED EARTH ENERGY STORAGE LTD	2022296802	ILLUMINA, INC.
2022293232	ELTORQUE AS	2022296903	LDN PHARMA LIMITED
2022293330	THE PENN STATE RESEARCH FOUNDATION	2022296931	BIOPOLYMER SWISS AG
2022293367	U.S. BORAX INC.	2022296951	PELLENC
2022293389	ABBOTT LABORATORIES	2022297176	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; UBIX THERAPEUTICS, INC.
2022293469	CAPITAL ONE SERVICES, LLC	2022297185	NOVOLABS LIMITED
2022293494	EPICRISPR BIOTECHNOLOGIES, INC.	2022297373	GILEAD SCIENCES, INC.
2022293564	TIME MANUFACTURING COMPANY	2022297420	LSI SOLUTIONS, INC.
2022293567	BIOHM HEALTH LLC	2022297443	ELI LILLY AND COMPANY
2022293580	IPG PHOTONICS CORPORATION		
2022293645	GLOBAL BIOLIFE INC.		
2022293684	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC; THE PENN STATE RESEARCH FOUNDATION		
2022293800	PROPFLOW, LLC		
2022293850	VEILED THERAPEUTICS LLC		
2022293861	BLUEPRINT MEDICINES CORPORATION		
2022293880	TELIOS PHARMA, INC.		

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2022297448	ACURASTEM, INC.	2022301058	ALNYLAM PHARMACEUTICALS, INC.
2022297453	DANA-FARBER CANCER INSTITUTE, INC.; CRIMSON BIOPHARM INC.; ZHAO, J.; KERNS, W.	2022301106	SIMPSON STRONG-TIE COMPANY INC.
2022297521	ILLUMINA, INC.	2022301116	DEKA PRODUCTS LIMITED PARTNERSHIP
2022297535	AMGEN INC.	2022301125	ALBERT EINSTEIN COLLEGE OF MEDICINE
2022297539	CAPITAL ONE SERVICES, LLC	2022301175	THE BROAD INSTITUTE, INC.; THE GENERAL HOSPITAL CORPORATION; SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022297542	ACADEMIA SINICA	2022301178	GOOGLE LLC
2022297596	SCHLUMBERGER TECHNOLOGY B.V.	2022301200	ULINK LABS, INC.
2022297627	DETNET SOUTH AFRICA (PTY) LTD	2022301317	BOSTON SCIENTIFIC SCIMED, INC.
2022297731	FPI FIREPLACE PRODUCTS INTERNATIONAL LTD.	2022301605	GRIPPLE LIMITED
2022297733	ARRAY BIOPHARMA INC.	2022301619	DOSHI, H.A.; PUTHENVEETIL KUNJUKRISHNA MENON, R.
2022297794	LDN PHARMA LIMITED	2022301730	METSO FINLAND OY
2022297795	SYNPROMICS LIMITED; ASKLEPIOS BIOPHARMACEUTICAL, INC.	2022301818	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED
2022297909	HEADLOK PTY LTD	2022301881	OFB CORPORATION PTY LTD
2022297911	BANDICOOT IMAGING SCIENCES PTY LTD	2022301997	SHAPE THERAPEUTICS INC.
2022297979	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2022302066	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2022298105	PORTRAI INC.	2022302067	EDWARDS LIFESCIENCES CORPORATION
2022298568	VMI HOLLAND B.V.	2022302071	REGENERON PHARMACEUTICALS, INC.
2022298665	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	2022302084	REGENERON PHARMACEUTICALS, INC.
2022298779	ULTRADENT PRODUCTS, INC.	2022302380	METSO FINLAND OY
2022298795	ERASCA, INC.	2022302574	CJ CHEILJEDANG CORPORATION
2022298944	SEALY TECHNOLOGY, LLC	2022302585	LG ELECTRONICS INC.
2022298955	NETFLIX, INC.	2022302914	UNIVERSITE GRENOBLE ALPES; CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE ALPES; INSTITUT POLYTECHNIQUE DE GRENOBLE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
2022299035	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2022302936	AQILION AB
2022299105	FOUNDATION MEDICINE, INC.	2022302965	LANDIS+GYR TECHNOLOGY, INC.
2022299106	DETNET SOUTH AFRICA (PTY) LTD	2022302988	ABIOMED, INC.
2022299193	ERASCA, INC.	2022303020	ONENAV, INC.
2022299203	UNIVERSITE DE BORDEAUX; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE LAVAL	2022303212	BP CORPORATION NORTH AMERICA, INC.
2022299265	SANDVIK SRP AB	2022303313	THORWEAR, INC.
2022299304	ACADEMIA SINICA	2022303329	BLOCK, INC.
2022299311	AQUILIO SPORTS LLC; SPENCE, J.; BUCKLEY, C.; SPENCE, P.A.	2022303332	ILLINOIS TOOL WORKS INC.
2022299351	VESTLANDETS INNOVASJONSSSELSKAP AS (VIS)	2022303333	NEW YORK AIR BRAKE, LLC
2022299464	LDN PHARMA LIMITED	2022303478	GRIPPLE LIMITED
2022299466	THE UNIVERSITY OF SHEFFIELD	2022303488	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
2022299497	SEALY TECHNOLOGY, LLC	2022303530	RESEARCH TRIANGLE INSTITUTE
2022299498	CATALOG TECHNOLOGIES, INC.	2022303540	REMONI TECHNOLOGIES RO SRL
2022299502	SEALY TECHNOLOGY, LLC	2022303567	ASSA ABLOY ENTRANCE SYSTEMS AB
2022299540	CALIENT TECHNOLOGIES, INC.	2022304000	REMONI A/S
2022299552	OXFORD BIOMEDICA SOLUTIONS LLC	2022304054	BASF SE
2022299598	UNIVERSITE CLAUDE BERNARD LYON 1; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); ECOLE CENTRALE DE NANTES; ECOLE SUP CHIMIE PHYS ELECTRONIQ LYON; HEALTHSHAPE	2022304418	LG ELECTRONICS INC.
2022299605	ACHILLES THERAPEUTICS UK LIMITED	2022304491	LG CHEM, LTD.
2022299608	LDN PHARMA LIMITED	2022304545	MIND MEDICINE, INC.
2022299646	SPOLGREEN SRL	2022304597	AERIE PHARMACEUTICALS, INC.
2022299655	GRADIENT DENERVATION TECHNOLOGIES SAS	2022304667	CONVEYOR DYNAMICS, INC.
2022299841	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	2022304675	CNH INDUSTRIAL AMERICA LLC
2022300177	BECTON, DICKINSON AND COMPANY	2022304677	REGENERON PHARMACEUTICALS, INC.
2022300384	ENERVENUE INC.	2022304682	ALLYSTA PHARMACEUTICALS, INC.
2022300438	THE UNIVERSITY OF WESTERN AUSTRALIA; WESTERN AUSTRALIAN AGRICULTURE AUTHORITY	2022304683	MICROSOFT TECHNOLOGY LICENSING, LLC
2022300588	NICHIMO CO.,LTD.	2022304684	REYNOLDS PRESTO PRODUCTS INC.
2022300630	HEED LIMITED	2022304904	REGENERON PHARMACEUTICALS, INC.
2022300667	LG ELECTRONICS INC.	2022304933	NOVOZYMES A/S
2022300672	LG ELECTRONICS INC.	2022305031	ENI S.P.A.; BASF SE
2022300755	BREVILLE PTY LIMITED	2022305083	SCRUB DADDY, INC.
2022300800	FISHER & PAYKEL HEALTHCARE LIMITED	2022305240	AQUESYS, INC.
2022300888	BP CORPORATION NORTH AMERICA INC.	2022305348	AQUAGGA, INC.
2022300979	ILLINOIS TOOL WORKS INC.	2022305403	LG ELECTRONICS INC.
2022300984	REGENERON PHARMACEUTICALS, INC.	2022305405	LG ELECTRONICS INC.
2022301001	IONTRA INC	2022305807	GLENMARK SPECIALTY S.A.
2022301047	BLUEPRINT MEDICINES CORPORATION	2022305831	ORIPATCH AS
		2022305856	MORALES, N.; FORNASIER, M.
		2022306016	HEARABLES 3D PTY LTD
		2022306084	EVOBEND GMBH
		2022306256	GRIPPLE LIMITED
		2022306569	COLGATE-PALMOLIVE COMPANY
		2022306658	TERUMO MEDICAL CORPORATION
		2022306689	REGENERON PHARMACEUTICALS, INC.

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2022306749	BAUERFEIND AG	2022318294	COOPERVISION INTERNATIONAL LIMITED
2022306788	BRIGHT PEAK THERAPEUTICS AG	2022319947	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022306820	NIPPON SHINYAKU CO., LTD.	2022320019	NAVAD LIFE SCIENCES PTE
2022306858	ENERGY VAULT, INC.	2022320700	VALENCE NATURAL GAS SOLUTIONS LLC
2022306881	BEYOND ENERGY SERVICES AND TECHNOLOGY CORP.	2022320701	CONMED CORPORATION
2022306951	PASQAL	2022320863	BANGOR UNIVERSITY
2022306974	BRIGHT PEAK THERAPEUTICS AG	2022322267	SMARTIPANTS MEDIA PTY LTD
2022307036	FRITO-LAY NORTH AMERICA, INC.	2022323009	CAREFUSION 303, INC.
2022307083	REGENERON PHARMACEUTICALS, INC.	2022324666	GRZ TECHNOLOGIES SA
2022307366	AUSTRALIAN COIL SERVICES PTY LTD	2022325703	SERVICENOW, INC.
2022307419	ISOBIONICS B.V.	2022325789	HODGE, G.L.
2022307460	BRIGHT PEAK THERAPEUTICS AG	2022325908	IMMUNOSIS PTY LTD
2022307546	REGENERON PHARMACEUTICALS, INC.	2022327145	WOODSIDE ENERGY TECHNOLOGIES PTY LTD
2022307556	ARBOLOOM IP AG	2022327619	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022307657	F. HOFFMANN-LA ROCHE AG	2022328309	GOOGLE LLC
2022307684	CODAGENIX INC.	2022328339	AGENSYS, INC.; SEAGEN INC.
2022307687	EISAI R&D MANAGEMENT CO., LTD.	2022329053	RIFENG ENTERPRISE (FOSHAN) CO., LTD.; RIFENG ENTERPRISE GROUP CO., LTD.; RIFENG TECHNOLOGY CO., LTD.
2022307734	ELECTROLUX APPLIANCES AKTIEBOLAG	2022330568	TOPSOE A/S
2022307735	CYTIVA BIOPROCESS R&D AB	2022330651	POWERX, INC.
2022308350	GENTEX CORPORATION	2022331421	ILLUMINA, INC.
2022308403	HUBRO THERAPEUTICS AS	2022332009	STRYKER CORPORATION
2022308626	S&C ELECTRIC COMPANY	2022333075	ILLUMINA, INC.
2022308661	GRAPHIC PACKAGING INTERNATIONAL, LLC	2022333697	mitsubishi heavy industries, LTD.; TOKYO INSTITUTE OF TECHNOLOGY
2022308696	HEMITEC FINLAND OY	2022334372	BYD COMPANY LIMITED
2022308811	HYBRIT DEVELOPMENT AB	2022334813	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH
2022309257	FORTEPHEST LTD	2022336415	NOVARTIS AG
2022309673	CYTIVA BIOPROCESS R&D AB	2022336934	BYD COMPANY LIMITED
2022309839	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA	2022338587	BYD COMPANY LIMITED
2022309979	DEUTSCHE TELEKOM AG	2022338621	PEARLSINMIRE CO., LTD.
2022310132	UNITED KINGDOM RESEARCH AND INNOVATION	2022340358	DAEWOONG THERAPEUTICS INC.
2022310194	GRAPHIC PACKAGING INTERNATIONAL, LLC	2022341533	SIKA TECHNOLOGY AG
2022310377	ABBOTT DIABETES CARE INC.	2022341787	PEARLSINMIRE CO., LTD.
2022310554	DENTSPLY SIRONA INC.; SIRONA DENTAL SYSTEMS GMBH	2022345082	STRYKER CORPORATION
2022310666	HOWMET AEROSPACE INC.	2022345170	YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.
2022311277	HALTER USA INC	2022345793	STRYKER CORPORATION
2022311326	BRETON S.P.A.	2022345878	YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.
2022311478	DAPHNE TECHNOLOGY SA	2022348132	BYD COMPANY LIMITED
2022311548	NICOVENTURES TRADING LIMITED	2022348509	YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.
2022311863	MAXWELL BIOSCIENCES, INC.	2022349295	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022312165	GIVAUDAN SA	2022350044	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
2022312384	ATHIRA PHARMA, INC.	2022356849	BYD COMPANY LIMITED
2022312655	SANDVIK MINING AND CONSTRUCTION TOOLS AB	2022357874	BYD COMPANY LIMITED
2022312691	IDENTIGEN LIMITED	2022360924	LG ENERGY SOLUTION, LTD.
2022312844	OTSUKA PHARMACEUTICAL CO., LTD.	2022361980	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; BRAINDRIP, L.
2022312864	CHITOSE LABORATORY CORP.	2022366630	RÖNTGEN TECHNISCHE DIENST B.V.
2022313382	BIONIME CORPORATION	2022366672	STRYKER CORPORATION
2022313426	SIEMENS GAMESA RENEWABLE ENERGY A/S	2022368917	VAIL SYSTEMS, INC.
2022313543	NEOPHORE LIMITED	2022377211	TARKETT GDL
2022313546	MEXICHEM FLUOR S.A. DE C.V.	2022416227	NINGBO SANSHENG BIOLOGICAL TECHNOLOGY CO., LTD.
2022314203	ALLFLEX EUROPE SAS	2022431920	WITH-U E-COMMERCE (SHANGHAI) CO., LTD.
2022314317	ZIGI CARMEL INITIATIVES & INVESTMENTS LTD	2022435099	CYALUME TECHNOLOGIES, INC.
2022314619	ALNYLAM PHARMACEUTICALS, INC.	2022442255	URÇAR, S.; URÇAR, B.
2022314801	IMS TRADING, LLC	2022449916	ABLE INNOVATIONS INC.
2022315038	GRIPPLE LIMITED	2022450944	TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
2022315275	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2022453596	ZHEJIANG CHINT ELECTRICS CO., LTD.
2022315518	I4F LICENSING NV	2022458330	TRIA PTE. LTD.
2022315724	SOUND FUN CORPORATION	2022459560	SAHIN, F.; DEMIR, S.
2022316195	DANA-FARBER CANCER INSTITUTE, INC.	2022460772	TBM CO.,LTD.
2022317127	NANTCELL, INC.	2023207182	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
2022317196	CHEMISCHE FABRIK BUDENHEIM KG	2023208743	ILLUMINA, INC.
2022317263	BIONTECH SE	2023219866	SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD
2022317315	COOPERVISION INTERNATIONAL LIMITED	2023238190	LG CHEM, LTD.
2022317557	LOAM BIO PTY LTD	2023242795	3DSG PTY LTD
2022317598	BYD COMPANY LIMITED		
2022317611	BYD COMPANY LIMITED		
2022318027	WONDERLAND SWITZERLAND AG		
2022318163	SOCIETE DES PRODUITS NESTLE S.A.		
2022318275	COOPERVISION INTERNATIONAL LIMITED		



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2023248405 ILLUMINA, INC.  
2023266209 EVERSEEN LIMITED

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2022299646	2022294257	2022282513		2022300755	<b><u>A61F 13 /-</u></b>
<b><u>A01B 63 /-</u></b>	<b><u>A01M 7 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47J 42 /-</u></b>	2021447046 2022306749 2022345878 2022348509
2022304675	2022276152	2022278542 2022282513 2022291391	2022274874	2022296128	
<b><u>A01C 21 /-</u></b>	<b><u>A01N 1 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61F 2 /-</u></b>
2022278034 2022278706 2022295211	2022274645 2022279563	2022292084 2022294905	2022278542	2021445582	2022271570 2022271874 2022290769 2022302067 2022302914
<b><u>A01D 34 /-</u></b>	2021220335 2022273510 2022293959 2022294265 2022311863	<b><u>A23G 3 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A61B 1 /-</u></b>	
2022299646		2022274874 2022285767	2022274709	2022301317	
<b><u>A01D 41 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61F 4 /-</u></b>
2022304675	2021220335 2022291391 2022291961	2022291391 2022291961	2022311548	2021448510	2022290769
<b><u>A01D 46 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A24C 5 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61F 5 /-</u></b>
2021454158 2022295058 2022296951	2021220335 2022292908 2022301619 2022309257	2022279215 2022314801 2022317557	2022294192	2022271570 2022273202 2022274156 2022275213 2022290870 2022297420 2022301818 2022306658 2022308696 2022320701	2022303313 2022306749 2023242795
<b><u>A01G 3 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61F 6 /-</u></b>
2022299646	2021220335 2022294265	2022294068	2022294192 2022295134	2022296555	2022314317
<b><u>A01G 31 /-</u></b>	<b><u>A01N 51 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A24F 40 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61F 9 /-</u></b>
2022291708	2021220335	2022279215	2022294068	2022296555	2022305240
<b><u>A01H 3 /-</u></b>	<b><u>A01N 55 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61G 1 /-</u></b>
2022311548	2022294265	2022279215 2022314801	2022297909	2022296555	2022332009 2022345793
<b><u>A01H 6 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A45B 23 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61G 3 /-</u></b>
2022289765	2022273510 2022301619	2022278542 2022285767	2022431920	2022274156 2022275213 2022290870 2022320701	2022332009
<b><u>A01K 11 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A45B 25 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61G 5 /-</u></b>
2022278706 2022311277 2022314203	2022292802 2022296764	2022288407 2022292806 2022294905	2022431920	2021448510 2022273276 2022275754 2022277320 2022288639 2022288992 2022292324 2022301200 2022303530 2022304545 2022307657 2022310377 2022345793	2022286714 2022332009
<b><u>A01K 15 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A23L 25 /-</u></b>	<b><u>A47B 3 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61G 7 /-</u></b>
2022311277	2022296764	2022285767	2022295828	2021448510 2022273276 2022275754 2022277320 2022288639 2022288992 2022292324 2022301200 2022303530 2022304545 2022307657 2022310377 2022345793	2022345082 2022345793 2022366672 2022449916
<b><u>A01K 27 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47C 27 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61H 19 /-</u></b>
2022311277	2021220335 2022294265	2022291961	2022286580 2022298944 2022299497 2022299502	2022304545 2022307657 2022310377 2022345793	2022314317
<b><u>A01K 29 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61H 23 /-</u></b>
2022278706 2022311277	2022291391	2022278542	2022286714	2022275213 2022299655	2022314317
<b><u>A01K 75 /-</u></b>	<b><u>A23C 20 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47G 29 /-</u></b>	<b><u>A61C 13 /-</u></b>	<b><u>A61H 9 /-</u></b>
2022300588	2022291391	2022278542	2022292387	2022275213 2022299655	2022299311
<b><u>A01K 79 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47G 9 /-</u></b>	<b><u>A61C 13 /-</u></b>	<b><u>A61J 7 /-</u></b>
2022300588	2022291391	2022278542	2022298944 2022299502	2022298779	2022305083
	2022318163	2022274709 2022291870 2022292806 2022293567	<b><u>A47J 31 /-</u></b>	<b><u>A61C 7 /-</u></b>	
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	2022305831	2022275653	2022328339	2022311863	
2022271791	2022306689	2022276349			2022320019
2022271794	2022306820	2022277246	<b><u>A61K 48 /-</u></b>	<b><u>A61M 1 /-</u></b>	
2022271927	2022307083	2022277697			<b><u>A61P 17 /-</u></b>
2022271993	2022312384	2022278041	2022279062	2022283171	
2022272302	2022312844	2022280536	2022283898		2022273206
2022272575	2022313543	2022281461	2022284870	<b><u>A61M 16 /-</u></b>	2022281340
2022272692	2022314619	2022284373	2022291370		2022292377
2022272725	2022316195	2022284994	2022293494	2022300800	
2022273186	2022320019	2022285928	2022297795		<b><u>A61P 19 /-</u></b>
2022273731	2022336415	2022287036		<b><u>A61M 25 /-</u></b>	
2022274071	2022340358	2022287071	<b><u>A61K 49 /-</u></b>		2022294728
2022274709	2022341787	2022288571		2022272580	2022302084
2022275085		2022289196	2022280536	2022300177	
2022275192	<b><u>A61K 33 /-</u></b>	2022291395			<b><u>A61P 21 /-</u></b>
2022276078		2022292895	<b><u>A61K 51 /-</u></b>	<b><u>A61M 35 /-</u></b>	
2022279185	2022292917	2022292917			2022279062
2022283258	2022459560	2022293645	2022280536	2022314317	2022288145
2022283415		2022294928			2022291133
2022285928	<b><u>A61K 35 /-</u></b>	2022297542	<b><u>A61K 8 /-</u></b>	<b><u>A61M 39 /-</u></b>	2022293494
2022285951		2022299193		2022283810	<b><u>A61P 23 /-</u></b>
2022286420	2021451276	2022301125	2022281340	2022296423	
2022286729	2022272135	2022307684	2022293645	2022297420	2022272580
2022287865	2022272332	2022307687	2022306569		2022273731
2022287905	2022272973	2022317127	2022312165	<b><u>A61M 5 /-</u></b>	
2022287974	2022273049	2022317263			<b><u>A61P 25 /-</u></b>
2022288145	2022283171		<b><u>A61K 9 /-</u></b>	2022300177	
2022289203	2022287504	<b><u>A61K 41 /-</u></b>		2022309839	2022271678
2022289498	2022291133		2022272575	2022323009	2022272302
2022289605	2022291145	2022341787	2022274709		2022273731
2022290378	2022291834	<b><u>A61K 45 /-</u></b>	2022278041	<b><u>A61M 60 /-</u></b>	2022286420
2022291133	2022293567		2022280536		2022287905
2022291395	2022299605		2022283898	2022302988	2022289498
2022291870		2022271993	2022285767		2022291255
2022291927	<b><u>A61K 36 /-</u></b>	2022285928	2022286729	<b><u>A61N 1 /-</u></b>	2022291395
2022292377		2022290378	2022287905		2022292569
2022292414	2022274709	2022291395	2022288145	2022272166	2022293567
2022292554	2022317557	2022293880	2022289498	2022273276	2022297176
2022292649		2022296903	2022292377	2022274870	2022297448
2022292917	<b><u>A61K 38 /-</u></b>	2022297453	2022292414	2022288639	2022297794
2022293861		2022297794	2022292886	2022288851	2022299203
2022293880	2022273732	2022299203	2022293567	2022292366	2022299351
2022294071	2022276378	2022299351	2022293891	2022315275	2022299464
2022294086	2022280016	2022299464	2022294086	2022320863	2022299608
2022294728	2022280225	2022299608	2022297794	<b><u>A61N 5 /-</u></b>	2022312844
2022294881	2022281340	2022336415	2022299351		<b><u>A61P 27 /-</u></b>
2022295990	2022284870	2022341787	2022300438	2022320863	
2022296552	2022286340	<b><u>A61K 47 /-</u></b>	2022305831		2022279580
2022296903	2022287036		2022314317	<b><u>A61N 7 /-</u></b>	2022294194
2022297176	2022287504	2022271873	2022320019		2022301058
2022297373	2022288369	2022274319	2022340358	2022299655	2022304597
2022297448	2022288571	2022276378	<b><u>A61L 101 /-</u></b>		2022340358
2022297453	2022288704	2022276378		<b><u>A61P 1 /-</u></b>	
2022297733	2022292569	2022280341	2022295558		<b><u>A61P 29 /-</u></b>
2022297794	2022293494	2022280536		2022272332	
2022298795	2022297542	2022286646	<b><u>A61L 15 /-</u></b>	2022275085	2021451276
2022299035	2022301125	2022287071		2022293567	2022271794
2022299193	2022304682	2022288145	2021447046	2022297794	2022272332
2022299203	2022306689	2022289498	2022273510	2022305831	2022272725
2022299351	2022306974	2022291870	<b><u>A61L 2 /-</u></b>		2022273731
2022299464	2022311863	2022292071		<b><u>A61P 11 /-</u></b>	2022274319
2022299608	2022338621	2022292886	2022295558	2022274319	2022276078
2022300438	<b><u>A61K 39 /-</u></b>	2022293891	2022449916	2022292377	2022299203
2022300984		2022297443		2022294086	2022304597
2022301047	2022271678	2022297542	<b><u>A61L 27 /-</u></b>	2022304677	
2022301058	2022272117	2022299035			<b><u>A61P 3 /-</u></b>
2022302071	2022272586	2022300438	2022271874	<b><u>A61P 13 /-</u></b>	
2022302084	2022273147	2022301125	2022280543		2022272692
2022302936	2022273206	2022305831	2022287905	2022306820	2022274319
2022304491	2022273326	2022306788	2022295088		2022275192
2022304597	2022274204	2022306820			2022280225
		2022306974			

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2022297443	2022293861	<b><u>A61Q 11/-</u></b>	<b><u>B01D 53/-</u></b>	<b><u>B01J 45/-</u></b>	<b><u>B09C 1/-</u></b>
<b><u>A61P 31/-</u></b>	2022293880				
	2022293891	2022306569	2022290228	2022288762	2022305348
	2022294071		2022333697		
2022272135	2022294881	<b><u>A61Q 17/-</u></b>		<b><u>B01J 47/-</u></b>	<b><u>B21D 43/-</u></b>
2022273186	2022295990		<b><u>B01D 61/-</u></b>		
2022275085	2022297176	2022280611		2022283841	2022306084
2022275653	2022297373		2021448554		
2022277697	2022297453	<b><u>A61Q 19/-</u></b>	2022283841	<b><u>B01J 49/-</u></b>	<b><u>B21D 5/-</u></b>
2022278041	2022297542		2022294638		
2022279185	2022297733	2022295962	2022294699	2022283841	2022306084
2022283816	2022298795	<b><u>A61Q 3/-</u></b>	2022294700		
2022289498	2022299193		<b><u>B01D 63/-</u></b>	<b><u>B01L 3/-</u></b>	<b><u>B22F 1/-</u></b>
2022291927	2022299304	2022312165		2022296802	2022324666
2022293567	2022299605		2021448554		
2022293645	2022301047	<b><u>A61Q 5/-</u></b>		<b><u>B01L 7/-</u></b>	<b><u>B22F 3/-</u></b>
2022295990	2022301125		<b><u>B01D 65/-</u></b>		
2022297373	2022302936	2022295962		2022289858	2022312655
2022299304	2022302936	2022312165	2021448554		
2022307684	2022304597			<b><u>B02C 17/-</u></b>	<b><u>B22F 5/-</u></b>
2022311863	2022305807	<b><u>A61Q 7/-</u></b>	<b><u>B01D 67/-</u></b>		
2022459560	2022306689			2022450944	2022312655
	2022306788	2022281340	2022294638		
<b><u>A61P 33/-</u></b>	2022306974		2022294699	<b><u>B02C 2/-</u></b>	<b><u>B22F 7/-</u></b>
	2022307083	<b><u>A62B 18/-</u></b>	2022294700		
2022292722	2022307460			2022299265	2022312655
2022293959	2022313543	2022308350	<b><u>B01D 69/-</u></b>	2022301730	<b><u>B22F 9/-</u></b>
2022300438	2022316195			2022302380	
	2022317127	<b><u>A62B 35/-</u></b>	2022294638	<b><u>B03D 1/-</u></b>	2022324666
<b><u>A61P 35/-</u></b>	2022317263		2022294699		
	2022328339	2022292877	2022294700	2022282816	<b><u>B23K 26/-</u></b>
2022271791	2022336415	<b><u>A62C 3/-</u></b>			
2022271927	2022338621		<b><u>B01D 71/-</u></b>	<b><u>B04B 15/-</u></b>	2021447046
2022271993	2022341787	2022290660		2022283492	2022293580
2022272117			2022294638		
2022272575	<b><u>A61P 37/-</u></b>	<b><u>A63B 21/-</u></b>	2022294699	<b><u>B04B 9/-</u></b>	<b><u>B24C 11/-</u></b>
2022272586			2022294700		
2022272692	2022271794	2022275581		2022283492	2022289139
2022272692	2022272332	2022305856	<b><u>B01F 101/-</u></b>		
2022272973	2022272725			2022283492	<b><u>B24C 3/-</u></b>
2022273147	2022274319	<b><u>A63B 22/-</u></b>	2022295558		
2022273186	2022281461			<b><u>B05B 15/-</u></b>	2022289139
2022273732	2022286646	2022305856	<b><u>B01F 23/-</u></b>	2022294104	
2022274071	2022287036				<b><u>B24C 7/-</u></b>
2022274204	2022296552	<b><u>A63B 24/-</u></b>	2022282816	<b><u>B05D 5/-</u></b>	2022289139
2022274319	2022296903		2022291708		
2022275192	2022297176	2022275581	2022295558	2022282537	<b><u>B25B 21/-</u></b>
2022276349	2022297794	2022305856			
2022277246	2022304597		<b><u>B01F 25/-</u></b>	<b><u>B07B 1/-</u></b>	2022301106
2022279185		<b><u>A63B 69/-</u></b>			
2022280341	<b><u>A61P 39/-</u></b>		2022291708	2022290660	<b><u>B25B 23/-</u></b>
2022280536		2021269744	2022295558		
2022281461	2022294071		<b><u>B01F 35/-</u></b>	<b><u>B07B 13/-</u></b>	2022301106
2022281992	2022306820	<b><u>A63B 71/-</u></b>			
2022283415			2022295558	2022290660	<b><u>B25D 17/-</u></b>
2022283819	<b><u>A61P 43/-</u></b>	2022275581			
2022284373			<b><u>B01J 20/-</u></b>	<b><u>B08B 3/-</u></b>	2022271570
2022284994	2021451276	<b><u>A63F 1/-</u></b>			
2022285928	2022294086		2022288762	2022289139	<b><u>B25G 1/-</u></b>
2022286407		2022286108	2022290228		
2022287071	<b><u>A61P 7/-</u></b>		2022293330	2022294104	2022287267
2022287504		<b><u>A63F 13/-</u></b>			
2022287865	2022273186		<b><u>B01J 31/-</u></b>	<b><u>B08B 7/-</u></b>	<b><u>B25J 11/-</u></b>
2022288571	2022289196	2022286108			
2022289498	<b><u>A61P 9/-</u></b>	<b><u>B01D 15/-</u></b>	2022333697	<b><u>B09B 101/-</u></b>	2022298568
2022289605					
2022290378	2021451276	2022288762	<b><u>B01J 41/-</u></b>	2022458330	<b><u>B25J 15/-</u></b>
2022291743	2022273731	2022289035			
2022292554	2022285676		2022305348	<b><u>B09B 3/-</u></b>	2022295058
2022292649	2022289721	<b><u>B01D 24/-</u></b>	2022307735		
2022292792	2022291133			2021447435	<b><u>B26D 1/-</u></b>
2022292895		2022296432		2022458330	
2022292917					2022307036
2022293850					

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<b><u>B26D 7 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>B65B 5 /-</u></b>	<b><u>B65G 21 /-</u></b>	<b><u>B82B 1 /-</u></b>
2021447046 2022307036	2022296432	2021280128 2021454747	2022298568	2022304667	2022290468
<b><u>B26F 1 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B60W 50 /-</u></b>	<b><u>B65B 57 /-</u></b>	<b><u>B65G 41 /-</u></b>	<b><u>B82B 3 /-</u></b>
2021447046	2022310554	2021454747	2022298568	2022304667	2022290468
<b><u>B27D 1 /-</u></b>	<b><u>B33Y 30 /-</u></b>	<b><u>B60W 60 /-</u></b>	<b><u>B65D 3 /-</u></b>	<b><u>B65G 45 /-</u></b>	<b><u>B82Y 10 /-</u></b>
2022307556	2022310554	2021454747	2022307556	2022288086	2022290468
<b><u>B28D 1 /-</u></b>	<b><u>B33Y 40 /-</u></b>	<b><u>B61L 27 /-</u></b>	<b><u>B65D 39 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>B82Y 5 /-</u></b>
2022276355	2022310554	2022295024	2022277419	2022303567	2022293891
<b><u>B29B 11 /-</u></b>	<b><u>B60B 21 /-</u></b>	<b><u>B61L 3 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>B65H 49 /-</u></b>	<b><u>C01B 13 /-</u></b>
2022274706	2022310666	2022295024	2021453193	2022284327	2022290228
<b><u>B29B 17 /-</u></b>	<b><u>B60B 7 /-</u></b>	<b><u>B62B 3 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>C01B 17 /-</u></b>
2022345878	2021455608	2022449916	2022277419	2022284327	2022301619
<b><u>B29C 49 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B62D 25 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>B66B 1 /-</u></b>	<b><u>C01B 21 /-</u></b>
2022274706	2022273870 2022356849	2022348132	2021453875	2022306858	2022330568
<b><u>B29C 63 /-</u></b>	<b><u>B60K 11 /-</u></b>	<b><u>B62H 5 /-</u></b>	<b><u>B65D 55 /-</u></b>	<b><u>B66B 23 /-</u></b>	<b><u>C01B 3 /-</u></b>
2022294223	2022356849	2022297909	2022277419	2022292024	2022327145 2022330568
<b><u>B29C 64 /-</u></b>	<b><u>B60K 17 /-</u></b>	<b><u>B62J 11 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>B66B 29 /-</u></b>	<b><u>C01B 32 /-</u></b>
2022310554	2022288493	2022297909	2022458330	2022292024	2022290228 2022294638 2022294699 2022294700 2022333697
<b><u>B29C 65 /-</u></b>	<b><u>B60L 50 /-</u></b>	<b><u>B62K 5 /-</u></b>	<b><u>B65D 71 /-</u></b>	<b><u>B66B 31 /-</u></b>	<b><u>C01C 1 /-</u></b>
2022283810 2022289426	2022336934 2022338587	2022288493	2022273770 2022308661 2022310194	2022292024	2022330568
<b><u>B29D 11 /-</u></b>	<b><u>B60L 53 /-</u></b>	<b><u>B62K 7 /-</u></b>	<b><u>B65D 8 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C01F 7 /-</u></b>
2022318275	2022348132	2022288493	2022307556	2022293564	2022290228
<b><u>B29D 23 /-</u></b>	<b><u>B60M 1 /-</u></b>	<b><u>B63B 25 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>B66F 11 /-</u></b>	<b><u>C02F 1 /-</u></b>
2022294223	2022315038	2022330651	2021445582 2022293800 2022295558 2022305083	2022292081 2022293564	2021448554 2022283841 2022291708 2022293330 2022294638 2022296432 2022297185
<b><u>B29K 67 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>B66F 17 /-</u></b>	<b><u>C02F 101 /-</u></b>
2022274706	2022318027	2022294257	2022284327	2022293564	2022294638
<b><u>B29L 23 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B64C 29 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>B66F 9 /-</u></b>	<b><u>C02F 3 /-</u></b>
2022274706	2022273870	2021451146	2022293800	2022292081 2022293564	2022283276
<b><u>B29L 31 /-</u></b>	<b><u>B60S 5 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C02F 9 /-</u></b>
2022274706	2022282537	2021451146	2022283794	2022273870 2022295558	2022296432
<b><u>B31B 50 /-</u></b>	<b><u>B60T 13 /-</u></b>	<b><u>B64D 27 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>B81B 7 /-</u></b>	<b><u>C04B 28 /-</u></b>
2022307556	2022303333	2022350044	2022298568	2022299540	2022334813
<b><u>B32B 27 /-</u></b>	<b><u>B60T 15 /-</u></b>	<b><u>B64D 31 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>B81C 1 /-</u></b>	
2022287919	2022303333	2022350044	2022293800		
<b><u>B32B 5 /-</u></b>	<b><u>B60T 17 /-</u></b>	<b><u>B64F 1 /-</u></b>			
2022296432	2022303333	2023207182			

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<b><u>C04B 40/-</u></b>	<b><u>C07C 9/-</u></b>	2022283816	2022296552	2022286407	
2022334813	2022320700	2022289203	2022297176	2022287036	<b><u>C08B 37/-</u></b>
		2022289605	2022297373	2022289721	2022292071
<b><u>C05B 7/-</u></b>	<b><u>C07D 207/-</u></b>	2022292649	2022297453	2022291370	2022312165
2022285134	2022283816	2022295990	2022301047	2022291743	
	2022291752	2022297373	2022302936	2022292047	<b><u>C08F 283/-</u></b>
<b><u>C05D 1/-</u></b>		2022304597	2022304597	2022292792	2022293959
2022293367	<b><u>C07D 209/-</u></b>	2022313543	2022316195	2022292802	
		<b><u>C07D 403/-</u></b>	<b><u>C07D 491/-</u></b>	2022294194	<b><u>C08F 8/-</u></b>
<b><u>C05D 9/-</u></b>	2022280611	2022271794	2022275192	2022295135	2022293939
2022285134	2022283816	2022279185	2022295990	2022301125	
	2022287974	2022283816	2022304597	2022306974	<b><u>C08G 101/-</u></b>
	2022313543	2022292554		2022317127	2022277017
<b><u>C05G 3/-</u></b>	<b><u>C07D 213/-</u></b>	2022292649	<b><u>C07D 495/-</u></b>	2022338621	
2022285134	2022309257	2022293861	2022275192	<b><u>C07K 16/-</u></b>	<b><u>C08G 18/-</u></b>
		2022295990	2022303488	2022271678	2021448286
<b><u>C05G 5/-</u></b>	<b><u>C07D 217/-</u></b>	2022297373	<b><u>C07D 497/-</u></b>	2022272117	2022277017
2022285134	2022271927	2022304491	2022292554	2022272586	2022291870
	2022272302	2022313543	<b><u>C07D 498/-</u></b>	2022272973	
<b><u>C07B 59/-</u></b>	2022313543	<b><u>C07D 405/-</u></b>	2022273147	2022273206	<b><u>C08G 61/-</u></b>
2022272575	<b><u>C07D 223/-</u></b>	2022272692	2022274204	2022273206	2022280004
2022292114	2022279185	2022292554	2022276349	2022278041	<b><u>C08G 63/-</u></b>
2022294057	2022297373	2022293861	2022278041	2022280016	2022272729
2022297373	<b><u>C07D 239/-</u></b>	2022295990	2022280063	2022280063	2022280004
	2022297373	2022297373	2022280536	2022280536	2022292061
<b><u>C07C 201/-</u></b>	2022297373	2022312844	2022281461	2022281461	2022293959
2022292114	<b><u>C07D 241/-</u></b>	2022313543	2022281992	2022283819	
	2022312844	<b><u>C07D 407/-</u></b>	2022284373	2022284373	<b><u>C08G 65/-</u></b>
<b><u>C07C 205/-</u></b>	2022312844	2022293850	2022284994	2022284994	2022292061
2022292114	<b><u>C07D 261/-</u></b>	<b><u>C07D 409/-</u></b>	2022286407	2022287071	<b><u>C08G 69/-</u></b>
	2022292908	2022292554	2022287071	2022288571	2022293891
<b><u>C07C 245/-</u></b>	2022292908	2022313543	2022288571	2022289196	2022293891
2022331421	<b><u>C07D 265/-</u></b>	<b><u>C07D 413/-</u></b>	2022291255	2022291255	<b><u>C08G 81/-</u></b>
	2022273731	2022271927	2022291370	2022291370	2022293891
<b><u>C07C 271/-</u></b>	2022273731	2022292554	2022292722	2022292722	2022293891
2022292114	<b><u>C07D 267/-</u></b>	2022292908	2022292792	2022292792	
	2022273731	2022295990	2022292895	2022292895	<b><u>C08G 83/-</u></b>
<b><u>C07C 29/-</u></b>	2022273731	2022295990	2022294928	2022294928	2022293891
2022305031	<b><u>C07D 277/-</u></b>	2022297373	2022297535	2022297535	
	2022309257	2022304597	2022297542	2022297542	<b><u>C08J 11/-</u></b>
<b><u>C07C 31/-</u></b>	2022309257	2022313543	2022298665	2022298665	2022293891
2022305031	<b><u>C07D 307/-</u></b>	<b><u>C07D 417/-</u></b>	2022338621	2022299193	
	2022292554	2022271927	<b><u>C07H 21/-</u></b>	2022299304	<b><u>C08J 11/-</u></b>
<b><u>C07C 39/-</u></b>	2022292554	2022283816	2022291370	2022317263	2022280785
2022274709	<b><u>C07D 311/-</u></b>	2022289203	<b><u>C07K 1/-</u></b>	2022328339	2022458330
	2022274709	2022297373	2022286340	2022416227	
<b><u>C07C 65/-</u></b>	2022293645	2022304597	2022304682	<b><u>C07K 19/-</u></b>	2022301881
2022274709	2022274709	<b><u>C07D 471/-</u></b>	<b><u>C07K 14/-</u></b>	2022272973	<b><u>C08J 5/-</u></b>
	2022293645	2022272575	2022272922	2022280063	2021447046
<b><u>C07C 67/-</u></b>	<b><u>C07D 319/-</u></b>	2022272692	2022275653	2022296206	2022287919
2022292114	2022294057	2022295990	2022276378		
2023219866	<b><u>C07D 333/-</u></b>	2022297373	2022277697	2022271873	<b><u>C08J 7/-</u></b>
	2022309257	2022297733	2022279062	2022273732	2022377211
<b><u>C07C 69/-</u></b>	2022309257	2022313543	2022280016	2022311863	
2022280004	<b><u>C07D 401/-</u></b>	<b><u>C07D 487/-</u></b>	2022280063	<b><u>C08B 1/-</u></b>	<b><u>C08K 3/-</u></b>
2022291752	2022271794	2022272692	2022280225	2022293330	2022301881
2022292114	2022271927	2022275192	2022283819	<b><u>C08B 11/-</u></b>	2022303332
2022294057	2022271927	2022287865	2022284870		
	2022272725	2022295990	2022285433	2022293330	
			2022285676		

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<b><u>C08K 5/-</u></b>	2022435099	<b><u>C12M 1/-</u></b>	2022302071	<b><u>C12P 19/-</u></b>	<b><u>C22B 26/-</u></b>
2022277017	<b><u>C09K 17/-</u></b>	2021447912	2022302084	2022333075	2022313546
2022278485	2022283810	2022288614	2022302574		2022334372
2022317196	2022301881	2022288614	2022304677	<b><u>C12P 21/-</u></b>	
2023238190	<b><u>C09K 21/-</u></b>	2022289858	2022304933		<b><u>C22B 3/-</u></b>
<b><u>C08L 1/-</u></b>	2022277665	2022325789	2022306820	2022287504	2021451004
2022277665	2022278485	<b><u>C12M 3/-</u></b>	2022307083	2022288838	2022288762
	2022317196		2022307735		2022293684
<b><u>C08L 23/-</u></b>	<b><u>C09K 5/-</u></b>	2022288614	2022309673	<b><u>C12P 5/-</u></b>	
2022287919	2022277017	<b><u>C12N 1/-</u></b>	2022314619		<b><u>C22B 59/-</u></b>
<b><u>C08L 3/-</u></b>	<b><u>C10B 53/-</u></b>	2022272332	2022333075	2022288842	
2022301881	2021454637	2022274645	<b><u>C12N 5/-</u></b>		2022293684
<b><u>C08L 33/-</u></b>	<b><u>C10G 1/-</u></b>	2022280611	2021447912	2022304933	<b><u>C22B 7/-</u></b>
2022301881	2021454637	2022287504	2021451276	2022307419	
<b><u>C08L 5/-</u></b>	<b><u>C10G 19/-</u></b>	2022319947	2022272973	<b><u>C12Q 1/-</u></b>	2022272896
2022292071	2021454637	<b><u>C12N 13/-</u></b>	2022274204		<b><u>C22B 9/-</u></b>
2022312165	2022303212	2022277246	2022274645	2021450913	2022272896
<b><u>C08L 51/-</u></b>	<b><u>C10G 25/-</u></b>	2022285433	2022277246	2022277646	<b><u>C22C 1/-</u></b>
2022293959	2022303212	2022291133	2022285433	2022277801	2022312655
<b><u>C08L 67/-</u></b>	<b><u>C10G 3/-</u></b>	2022291145	2022291133	2022279563	2022324666
2022272729	2021454637	<b><u>C12N 15/-</u></b>	2022291145	2022279580	
2023238190	2022300888	2022271873	2022291834	2022282559	<b><u>C22C 14/-</u></b>
<b><u>C08L 75/-</u></b>	<b><u>C10G 5/-</u></b>	2022273147	2022292988	2022285676	
2022277017	2022320700	2022276078	2022295088	2022289765	<b><u>C22C 19/-</u></b>
<b><u>C08L 95/-</u></b>	<b><u>C10G 65/-</u></b>	2022276378	2022299605	2022289858	2022324666
2022304054	2021454637	2022277697	<b><u>C12N 7/-</u></b>	2022290278	
<b><u>C09B 61/-</u></b>	2022300888	2022279062	2022272135	2022291168	<b><u>C22C 28/-</u></b>
2022280611	<b><u>C10J 3/-</u></b>	2022279580	2022287036	2022291997	2022293684
<b><u>C09D 11/-</u></b>	2022460772	2022280145	2022287036	2022294088	<b><u>C22C 29/-</u></b>
2022341533	<b><u>C10L 1/-</u></b>	2022280785	2022287504	2022294211	2022324666
<b><u>C09D 183/-</u></b>	2022293939	20222880785	2022288704	2022296056	
2022300979	<b><u>C10L 10/-</u></b>	2022283898	2022307735	2022297521	<b><u>C22C 28/-</u></b>
2022303332	2022293939	2022284808	<b><u>C12N 9/-</u></b>	2022299105	2022293684
<b><u>C09D 5/-</u></b>	<b><u>C10L 3/-</u></b>	2022284870	2021447435	2022299498	
2022273510	2022320700	2022284994	2022280145	2022300984	<b><u>C22C 19/-</u></b>
2022291957	<b><u>C11C 1/-</u></b>	2022285676	2022280785	2022302071	<b><u>C22C 29/-</u></b>
2022300979	2022303212	2022286420	2022280785	2022307083	2022312655
<b><u>C09D 7/-</u></b>	<b><u>C11C 3/-</u></b>	2022287036	2022284808	2022307419	<b><u>C23C 22/-</u></b>
2022300979	2022282513	2022287071	2022287504	2022307546	
2022341533	<b><u>C11D 3/-</u></b>	2022287504	2022288369	2022308403	<b><u>C23C 22/-</u></b>
<b><u>C09G 1/-</u></b>	2022295962	2022288704	2022288704	2022325908	2022294569
2022300979		2022288838	2022288704	2022331421	<b><u>C23C 26/-</u></b>
<b><u>C09K 11/-</u></b>		2022288842	2022288838	2022333075	2022294569
2022290468		2022289035	2022288842	2023208743	
		2022289196	2022289765	2023248405	
		2022289765	2022290278	<b><u>C12R 1/-</u></b>	<b><u>C25B 1/-</u></b>
		2022289858	2022296206		
		2022290278	2022302066	2022272332	<b><u>C25B 11/-</u></b>
		2022291133	2022302574	2022280611	2022276879
		2022291145	2022304933	2022280611	2022283841
		2022291168	2022306689	2022319947	2022330568
		2022291370	2022307419	<b><u>C21B 13/-</u></b>	2022333697
		2022292047	2022317557		
		2022293494	2023248405	2022308811	<b><u>C25B 11/-</u></b>
		2022294211	<b><u>C12P 1/-</u></b>		2022276879
		2022295135		2022272896	<b><u>C25B 13/-</u></b>
		2022296206	2022280611	2022308811	
		2022297443	<b><u>C12P 13/-</u></b>		2022276879
		2022297448		<b><u>C22B 11/-</u></b>	
		2022297521	2022302574		<b><u>C25B 3/-</u></b>
		2022297795	<b><u>C12P 17/-</u></b>	2021451004	2022333697
		2022299035		<b><u>C22B 21/-</u></b>	
		2022299498	2022280611	2022272896	<b><u>C25B 9/-</u></b>
		2022299552			2021448957
		2022300984			2021449337
		2022301058			2022276879
		2022301997			
		2022302066			

PCT applications which have entered the National Phase - IPC Index cont'd

2022333697	<b><u>D21C 9/-</u></b>	<b><u>E05B 37/-</u></b>	<b><u>F01K 25/-</u></b>	<b><u>F16L 3/-</u></b>	<b><u>F25D 21/-</u></b>
<b><u>C25C 1/-</u></b>	2022345878	2022297909	2022334372	2022315038	2022273870
2022286951	<b><u>E01B 31/-</u></b>	<b><u>E05B 71/-</u></b>	<b><u>F01K 7/-</u></b>	<b><u>F16L 37/-</u></b>	2022307734
<b><u>C25C 7/-</u></b>	2022289139	2022297909	2022334372	2022329053	<b><u>F25D 23/-</u></b>
2022286951	<b><u>E01C 13/-</u></b>	<b><u>E05B 73/-</u></b>	<b><u>F01N 3/-</u></b>	<b><u>F16L 7/-</u></b>	2022307734
<b><u>C40B 20/-</u></b>	2022296931	2022297909	2022311478	2022361980	<b><u>F25D 29/-</u></b>
2022298665	<b><u>E01H 8/-</u></b>	<b><u>E05B 81/-</u></b>	<b><u>F03B 13/-</u></b>	<b><u>F16M 13/-</u></b>	2022273870
<b><u>C40B 40/-</u></b>	2022289139	2022303567	2022290259	2022287267	<b><u>F25J 3/-</u></b>
2022298665	<b><u>E02D 17/-</u></b>	<b><u>E05D 11/-</u></b>	<b><u>F03B 15/-</u></b>	2022306256	2022320700
<b><u>D01F 6/-</u></b>	2022304684	2022286714	2022290259	<b><u>F17C 13/-</u></b>	<b><u>F41A 19/-</u></b>
2022300588	<b><u>E02D 27/-</u></b>	<b><u>E05D 3/-</u></b>	<b><u>F03D 7/-</u></b>	2022283794	2022289383
<b><u>D03D 15/-</u></b>	2022288340	2022286714	2022313426	<b><u>F21K 2/-</u></b>	<b><u>F41A 33/-</u></b>
2022292113	<b><u>E02F 9/-</u></b>	<b><u>E05F 15/-</u></b>	<b><u>F03D 80/-</u></b>	2022435099	2021455956
<b><u>D06F 34/-</u></b>	2022295774	2022303567	2022313426	<b><u>F22B 1/-</u></b>	<b><u>F41G 3/-</u></b>
2022300667	2022297979	2022303567	2022349295	2022291952	2021455956
2022300672	<b><u>E03F 7/-</u></b>	<b><u>E21B 10/-</u></b>	<b><u>F03G 3/-</u></b>	<b><u>F23C 5/-</u></b>	<b><u>F41J 5/-</u></b>
2022302585	2022300630	2022297979	2022306858	2022297731	2021455956
2022304418	<b><u>E04B 1/-</u></b>	2022312655	<b><u>F04F 5/-</u></b>	<b><u>F23D 14/-</u></b>	<b><u>F42B 12/-</u></b>
2022305403	2022275363	<b><u>E21B 17/-</u></b>	2022263509	2022297731	2022435099
<b><u>D06F 37/-</u></b>	2022275363	2022272004	2022288340	2022300755	2022297627
2022300667	2022277652	2022294874	2022306256	<b><u>F24C 15/-</u></b>	2022299106
2022302585	2022277665	<b><u>E21B 23/-</u></b>	<b><u>F16B 13/-</u></b>	<b><u>F24S 23/-</u></b>	<b><u>F42D 1/-</u></b>
<b><u>D06F 39/-</u></b>	2022306256	2021459597	2022288340	2021445017	2022297627
2022305405	<b><u>E04B 2/-</u></b>	2022297596	2022306256	<b><u>F25B 11/-</u></b>	2022299106
<b><u>D06F 58/-</u></b>	2022275363	2022306881	<b><u>F16B 2/-</u></b>	2022291952	<b><u>F42D 5/-</u></b>
2022305403	<b><u>E04B 7/-</u></b>	<b><u>E21B 29/-</u></b>	2022303478	<b><u>F25B 11/-</u></b>	2022297627
<b><u>D06M 11/-</u></b>	2022277652	2022297596	<b><u>F16B 21/-</u></b>	2022291952	2022299106
2022277665	<b><u>E04B 9/-</u></b>	<b><u>E21B 33/-</u></b>	2022295774	<b><u>F25B 25/-</u></b>	<b><u>G01C 11/-</u></b>
<b><u>D06M 13/-</u></b>	2022306256	2021459597	2022304684	2022291952	2021453875
2022292113	2022315038	2022307366	<b><u>F16B 37/-</u></b>	2022291952	<b><u>G01C 3/-</u></b>
<b><u>D06M 15/-</u></b>	<b><u>E04C 2/-</u></b>	<b><u>E21B 43/-</u></b>	2022301605	<b><u>F25B 27/-</u></b>	2022272312
2022292113	2022292387	2022297596	<b><u>F16B 5/-</u></b>	2022291952	<b><u>G01F 1/-</u></b>
2022292113	<b><u>E04F 10/-</u></b>	2022307366	2022288340	<b><u>F25B 30/-</u></b>	2022303540
<b><u>D21B 1/-</u></b>	2022277652	<b><u>E21B 47/-</u></b>	2022292387	2022291952	2022304000
2022345170	<b><u>E04F 15/-</u></b>	2022294874	<b><u>F16C 19/-</u></b>	<b><u>F25B 31/-</u></b>	<b><u>G01F 23/-</u></b>
2022345878	2022297596	2022297596	2022349295	2022291952	2022300630
2022348509	2022289426	<b><u>E21C 27/-</u></b>	<b><u>F16C 35/-</u></b>	<b><u>F25B 7/-</u></b>	<b><u>G01J 3/-</u></b>
<b><u>D21C 3/-</u></b>	2022315518	2022276355	2022349295	2022291952	2022282537
2022345170	<b><u>E04H 12/-</u></b>	<b><u>E21C 35/-</u></b>	<b><u>F16H 57/-</u></b>	<b><u>F25B 9/-</u></b>	2022290468
<b><u>D21C 5/-</u></b>	2022288340	2022297979	2022349295	2022291952	2022294370
2022277665	<b><u>E04H 15/-</u></b>	<b><u>E21C 37/-</u></b>	<b><u>F16L 21/-</u></b>	<b><u>F25D 11/-</u></b>	<b><u>G01K 13/-</u></b>
2022345878	2022277652	2022276355	2022329053	2022273870	2022303540
2022348509					



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<b><u>G01M 11 /-</u></b>		<b><u>G05B 19 /-</u></b>	2022301116	<b><u>G08B 27 /-</u></b>	<b><u>G21C 3 /-</u></b>
2022318275	<b><u>G01P 3 /-</u></b>	2022303567	<b><u>G06Q 20 /-</u></b>	2022300630	2021445518
	2021280128				
<b><u>G01M 3 /-</u></b>	<b><u>G01R 27 /-</u></b>	<b><u>G05B 21 /-</u></b>	2022279661	<b><u>G08B 31 /-</u></b>	<b><u>H01B 1 /-</u></b>
2022300630	2022294183	2022293195	2022442255	2022311277	2022276879
<b><u>G01N 1 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G05F 1 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G09B 9 /-</u></b>	<b><u>H01F 1 /-</u></b>
2022312691	2022299466	2022293195	2022276550	2021455956	2022307735
	2022304904		2022279661		
<b><u>G01N 21 /-</u></b>		<b><u>G06F 16 /-</u></b>	2022322267	<b><u>G11B 7 /-</u></b>	<b><u>H01F 29 /-</u></b>
2022290468	<b><u>G01S 13 /-</u></b>	2022278706	<b><u>G06Q 40 /-</u></b>	2022290468	2022281895
2022292324	2021460828	2022304683	2022271874		
2022294370	2022292324	2022325703		<b><u>G11C 13 /-</u></b>	<b><u>H01H 47 /-</u></b>
2022295209		2022328309	<b><u>G06Q 50 /-</u></b>	2022290468	2022338587
2022295557	<b><u>G01S 19 /-</u></b>	2023266209			
2022318275	2022303020	<b><u>G06F 17 /-</u></b>	2022266595	<b><u>G16B 15 /-</u></b>	<b><u>H01H 71 /-</u></b>
		2022275581	2022276550	2022298105	2022453596
<b><u>G01N 22 /-</u></b>	<b><u>G01S 7 /-</u></b>	2022299105	2022278706	2022310132	
2022292324			2022301116		<b><u>H01J 37 /-</u></b>
	2021460828	<b><u>G06F 21 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>G16B 20 /-</u></b>	2022285734
	2022295557	2022279661	2022281500	2022276734	
<b><u>G01N 24 /-</u></b>	<b><u>G01V 3 /-</u></b>	2022292656	<b><u>G06T 13 /-</u></b>	2022299105	<b><u>H01L 31 /-</u></b>
2022304904	2022290046	2022297539	2022281500	<b><u>G16B 25 /-</u></b>	2021445017
		2022303329		2022298105	2022292901
<b><u>G01N 27 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06T 15 /-</u></b>	<b><u>G16B 35 /-</u></b>	<b><u>H01M 10 /-</u></b>
2022286340	2022290468	2022296590	2022297911	2022298105	2022287204
2022290046	2022317315	2022368917	<b><u>G06T 17 /-</u></b>	2022298105	2022300384
2022290277	2022318294	<b><u>G06F 30 /-</u></b>	2022306016	<b><u>G16B 40 /-</u></b>	2022313546
2022299841		2022282537	<b><u>G06T 19 /-</u></b>	2022298105	<b><u>H01M 12 /-</u></b>
2022312864	<b><u>G02B 26 /-</u></b>	<b><u>G06N 10 /-</u></b>	2022322267	2022299105	2022300384
2022313382	2021453875	2022301178	<b><u>G06T 7 /-</u></b>	<b><u>G16B 45 /-</u></b>	<b><u>H01M 4 /-</u></b>
	2022299540	2022306951	2022297911	2022298105	2022286623
<b><u>G01N 29 /-</u></b>	<b><u>G02B 3 /-</u></b>	<b><u>G06N 20 /-</u></b>	2022306016	<b><u>G16C 20 /-</u></b>	2022300384
2022366630	2022317315	2021456833	2022318275	2022298105	<b><u>H01M 50 /-</u></b>
	2022318294	2022278706	<b><u>G06V 10 /-</u></b>	<b><u>G16H 10 /-</u></b>	2022317598
<b><u>G01N 33 /-</u></b>	<b><u>G02B 6 /-</u></b>	2022292571	2022271874	2022288992	2022317611
2021450913	2022361980	2022306016	2022318275	2022325908	2022360924
2021451276	<b><u>G02C 7 /-</u></b>	2022325908	<b><u>G06N 3 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H01M 8 /-</u></b>
2022273326	2022308350	<b><u>G06N 3 /-</u></b>	2021446498	2022298568	2021448957
2022274204	2022317315	2022292565	2022299498	<b><u>G08B 21 /-</u></b>	2022276879
2022276734	2022318294	2022299498	2022303020	2022345793	2022284976
2022279580	<b><u>G02B 6 /-</u></b>	2022306016	2022306016	<b><u>G08B 23 /-</u></b>	2022296096
2022280536	2022361980	2022318275	2022271874	2022300630	
2022283898	<b><u>G02C 7 /-</u></b>	<b><u>G06N 5 /-</u></b>	2022318275	2022311277	
2022286340	2022308350	2022292565	<b><u>G07F 11 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>H01Q 1 /-</u></b>
2022287932	2022317315	2022299498	2022298568	2022345082	2022288706
2022290277	2022318294	2022303020	<b><u>G08B 21 /-</u></b>	<b><u>G16H 40 /-</u></b>	2022284976
2022292917		2022306016	2022345793	2022345082	2022296096
2022293389	<b><u>G02C 9 /-</u></b>	2022318275	<b><u>G08B 23 /-</u></b>	<b><u>G16H 50 /-</u></b>	
2022295209	2022290468	<b><u>G06N 5 /-</u></b>	2022300630	2022276734	<b><u>H01Q 19 /-</u></b>
2022295211		2022292565	2022311277	2022288992	2022288706
2022296128	<b><u>G03B 42 /-</u></b>	2022301178	<b><u>G08B 25 /-</u></b>	2022294370	
2022297521	2022292324	2022306951	2022306016	2022325908	<b><u>H01Q 3 /-</u></b>
2022298665		<b><u>G06Q 10 /-</u></b>	2022318275	<b><u>G16H 80 /-</u></b>	2022288706
2022302066	<b><u>G02F 1 /-</u></b>	2022266595	<b><u>G07F 11 /-</u></b>	2022345793	<b><u>H01R 13 /-</u></b>
2022306689	2022290468	2022278706	2022298568		2022284393
2022307687		2022279109			
2022307735	<b><u>G03B 42 /-</u></b>				
<b><u>G01N 35 /-</u></b>	2022292324				
2022312691	<b><u>G05B 13 /-</u></b>				
	2022293195				
<b><u>G01P 13 /-</u></b>					
2022304000					

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2022285969	2022302965	<u>H04B 5 /-</u>	<u>H04R 9 /-</u>
2022286747	<u>H02J 50 /-</u>	2022301200	2022315724
2022296124	2022301200	<u>H04L 12 /-</u>	<u>H04W 12 /-</u>
2022366672	2022308626	2022296124	2022297539
<u>H01R 24 /-</u>	<u>H02J 7 /-</u>	<u>H04L 25 /-</u>	2022303329
2022296124	2022293195	2022289708	2022327619
<u>H01R 25 /-</u>	2022301001	<u>H04L 41 /-</u>	<u>H04W 28 /-</u>
2022296124	2022309839	2022325703	2022309979
<u>H01R 27 /-</u>	2022366672	<u>H04L 5 /-</u>	<u>H04W 4 /-</u>
2022284393	<u>H02J 9 /-</u>	2022289708	2022301116
<u>H02B 1 /-</u>	2022296124	<u>H04L 65 /-</u>	2022309979
2022296124	2022296694	2022289708	2022345082
<u>H02B 1 /-</u>	<u>H02K 1 /-</u>	<u>H04L 67 /-</u>	<u>H04W 52 /-</u>
2022296124	<u>H02G 1 /-</u>	2022368917	2022289943
<u>H02G 1 /-</u>	2022293232	<u>H04L 9 /-</u>	<u>H04W 72 /-</u>
2022278243	<u>H02K 19 /-</u>	2022293195	2022274045
2022361980	2022361980	2022301116	<u>H04W 8 /-</u>
<u>H02G 3 /-</u>	<u>H02K 37 /-</u>	2022368917	2022309979
2022361980	2022293232	<u>H04L 9 /-</u>	<u>H04W 84 /-</u>
<u>H02G 9 /-</u>	<u>H02K 5 /-</u>	2022275754	2022292679
2022278243	2022293232	2022279661	<u>H05B 47 /-</u>
2022361980	<u>H02M 1 /-</u>	2022292656	2022296124
<u>H02H 3 /-</u>	2021456362	2022293195	<u>H05B 6 /-</u>
2022294183	<u>H02M 7 /-</u>	2022293469	2022311326
<u>H02H 5 /-</u>	2021456362	2022303329	<u>H05H 1 /-</u>
2022294183	2022293195	2022327619	2022292366
<u>H02H 7 /-</u>	2022296124	<u>H04M 1 /-</u>	2022311478
2022357874	<u>H02P 13 /-</u>	2022287267	<u>H05K 5 /-</u>
<u>H02J 1 /-</u>	2022281895	2022368917	2022293195
2022293195	<u>H02P 29 /-</u>	<u>H04M 3 /-</u>	<u>H05K 7 /-</u>
2022296694	2022357874	<u>H04N 21 /-</u>	2022293195
<u>H02J 11 /-</u>	<u>H02S 40 /-</u>	2022274548	2022296694
2022308626	2021445017	2022279079	
<u>H02J 13 /-</u>	2022292901	2022279661	
2022288055	2022293195	2022298955	
2022290514	<u>H02S 50 /-</u>	<u>H04N 5 /-</u>	
2022293195	2022295557	2022295557	
2022302965	<u>H04B 1 /-</u>	<u>H04Q 1 /-</u>	
<u>H02J 15 /-</u>	2022287267	2022296124	
2022306858	<u>H04B 11 /-</u>	<u>H04R 1 /-</u>	
2022330651	2022301200	2022315724	
<u>H02J 3 /-</u>	<u>H04B 17 /-</u>	<u>H04R 25 /-</u>	
2022281895	2022289708	2022306016	
2022285815		<u>H04R 7 /-</u>	
2022288055		2022315724	
2022290514			
2022293195			

Applications Accepted

Name Index

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- (71) A.C.N. 629 573 093 PTY. LTD.  
 (11) AU-B-2018355893  
 (21) 2018355893 (22) 24.10.2018  
 (54) A system for improved digital advertising display device proof-of-play data logging  
 (51) Int. Cl.  
*G06Q 30/00* ( 2012.01 )  
*G06F 3/00* ( 2006.01 )  
*G06F 12/00* ( 2006.01 )  
*G06F 13/00* ( 2006.01 )  
*G06Q 90/00* ( 2006.01 )  
 (87) WO2019/079853  
 (31) 2017904300 (32) 24.10.17 (33) AU  
 (43) 02.05.2019  
 (44) 04.01.2024  
 (72) MOUBAYED, Mohamed; YANG, Cheng Xin; CHOONG, Chee Sun  
 (74) Patentec Patent Attorneys
- 
- (71) Aboff, C.  
 (11) AU-B-2019240648  
 (21) 2019240648 (22) 03.10.2019  
 (54) Columella Nasal Clip / Dilator for Aromatic Substances  
 (51) Int. Cl.  
*A61M 15/08* ( 2006.01 )  
*A61M 29/00* ( 2006.01 )  
 (31) 16/166,975 (32) 22.10.18 (33) US  
 (43) 07.05.2020  
 (44) 04.01.2024  
 (72) Aboff, Clifford S.  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-B-2020407386  
 (21) 2020407386 (22) 10.12.2020  
 (54) Surfactants for agricultural products  
 (51) Int. Cl.  
*A01N 25/30* ( 2006.01 )  
 (87) WO2021/126668  
 (31) 62/950,391 (32) 19.12.19 (33) US  
 (43) 24.06.2021  
 (44) 04.01.2024  
 (72) ASIRVATHAM, Edward  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-B-2021233820  
 (21) 2021233820 (22) 09.03.2021  
 (54) Surfactants for inks, paints, and adhesives  
 (51) Int. Cl.  
*C09D 11/03* ( 2014.01 )  
*C09D 7/60* ( 2018.01 )  
*C09D 11/38* ( 2014.01 )  
 (87) WO2021/183583  
 (31) 62/988,191 (32) 11.03.20 (33) US  
 (43) 16.09.2021
- 
- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-B-2021234274  
 (21) 2021234274 (22) 09.03.2021  
 (54) Surfactants for electronics products  
 (51) Int. Cl.  
*C09K 13/08* ( 2006.01 )  
*C07C 229/10* ( 2006.01 )  
 (87) WO2021/183581  
 (31) 62/988,175 (32) 11.03.20 (33) US  
 (43) 16.09.2021  
 (44) 04.01.2024  
 (72) ASIRVATHAM, Edward  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AEON BioPharma, Inc.  
 (11) AU-B-2021233980  
 (21) 2021233980 (22) 12.03.2021  
 (54) Neurotoxin compositions for use in treating cardiovascular disorders  
 (51) Int. Cl.  
*A61B 6/03* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/48* ( 2006.01 )  
 (87) WO2021/183962  
 (31) 62/988,764 (32) 12.03.20 (33) US  
 (43) 16.09.2021  
 (44) 04.01.2024  
 (72) BROOKS, Gregory F.; STAGG, Adelbert L.  
 (74) K&L Gates
- 
- (71) Aeovian Pharmaceuticals, Inc.  
 (11) AU-B-2022209289  
 (21) 2022209289 (22) 27.07.2022  
 (54) MTORC MODULATORS AND USES THEREOF  
 (51) Int. Cl.  
*C07D 498/18* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/436* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
 (43) 25.08.2022  
 (44) 04.01.2024  
 (62) 2022202241  
 (72) Tzannis, Stelios T.; Massey, Ian J.; Froidbise, Alexandre; Eppe, Guillaume  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Aenus Inc.; Memorial Sloan-Kettering Cancer Center; Ludwig Institute for Cancer Research Ltd.  
 (11) AU-B-2016364889  
 (21) 2016364889 (22) 02.12.2016  
 (54) Antibodies and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )
- 
- C07K 16/30* ( 2006.01 )  
 (87) WO2017/096179  
 (31) 62/262,369 (32) 02.12.15 (33) US  
 62/419,911 09.11.16 US  
 (43) 08.06.2017  
 (44) 04.01.2024  
 (72) Wilson, Nicholas S.; Waight, Jeremy D.; Ritter, Gerd; Schaer, David; Hirschhorn-Cymerman, Daniel; Merghoub, Taha; Breous-Nystrom, Ekaterina V.; Seibert, Volker; Tsuji, Takemasa; Leger, Olivier; Underwood, Dennis J.; Van Dijk, Marc  
 (74) Spruson & Ferguson
- 
- (71) Aktiebolaget SKF  
 (11) AU-B-2018204079  
 (21) 2018204079 (22) 08.06.2018  
 (54) END STOP CAP FOR A ROLLING BEARING  
 (51) Int. Cl.  
*F16C 35/04* ( 2006.01 )  
*B61F 15/12* ( 2006.01 )  
 (31) 102017000103582 (32) 15.09.17 (33) IT  
 (43) 04.04.2019  
 (44) 04.01.2024  
 (72) Capozzi, Marco Giovanni Francesco  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Alarm.Com Incorporated  
 (11) AU-B-2022201806  
 (21) 2022201806 (22) 16.03.2022  
 (54) ROBOTIC ASSISTANCE IN SECURITY MONITORING  
 (51) Int. Cl.  
*B64C 27/08* ( 2006.01 )  
*B64C 39/00* ( 2006.01 )  
*G08B 13/00* ( 2006.01 )  
*G08B 25/00* ( 2006.01 )  
*G08B 25/14* ( 2006.01 )  
*G08B 27/00* ( 2006.01 )  
 (43) 07.04.2022  
 (44) 04.01.2024  
 (62) 2021269286  
 (72) Kerzner, Daniel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Alcon Inc.  
 (11) AU-B-2018307701  
 (21) 2018307701 (22) 18.07.2018  
 (54) A femtosecond laser docking apparatus  
 (51) Int. Cl.  
*A61F 9/009* ( 2006.01 )  
*A61F 9/008* ( 2006.01 )  
 (87) WO2019/021120  
 (31) 62/537,844 (32) 27.07.17 (33) US  
 (43) 31.01.2019  
 (44) 04.01.2024  
 (72) Thimm, Daniel; Deisinger, Thomas  
 (74) Phillips Ormonde Fitzpatrick
-

Applications Accepted - Name Index cont'd

Alpha Innovations S.A. see ALSTOM

Transport Technologies

(21) 2019202017

(71) Alpine Immune Sciences, Inc.

(11) AU-B-2018236224

(21) 2018236224 (22) 13.03.2018

(54) PD-L1 variant immunomodulatory proteins and uses thereof

(51) Int. Cl.

C07K 14/705 ( 2006.01 )

A61K 38/00 ( 2006.01 )

A61P 35/00 ( 2006.01 )

A61P 37/00 ( 2006.01 )

C07K 14/715 ( 2006.01 )

A61K 38/17 ( 2006.01 )

(87) WO2018/170021

(31) 62/537,923 (32) 27.07.17 (33) US

62/582,249 06.11.17 US

62/472,554 16.03.17 US

62/475,076 22.03.17 US

(43) 20.09.2018

(44) 04.01.2024

(72) Swanson, Ryan; Kornacker, Michael; Maurer, Mark F.; Ardourel, Dan; Demonte, Daniel William; Kuijper, Joseph L.

(74) Spruson & Ferguson

(71) ALSTOM Transport Technologies; Alpha Innovations S.A.

(11) AU-B-2019202017

(21) 2019202017 (22) 22.03.2019

(54) Electric power supply device, electric installation and repartition method of the electric power delivered by such a device

(51) Int. Cl.

H02J 3/06 ( 2006.01 )

H02J 3/46 ( 2006.01 )

(31) 18 52495 (32) 22.03.18 (33) FR

(43) 24.10.2019

(44) 04.01.2024

(72) TEBOUL, Guillaume; DELPLANQUE, Jean-Pierre; FLORE, Yoann; VELAERTS, Bruno

(74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.

(11) AU-B-2018235944

(21) 2018235944 (22) 14.03.2018

(54) Use of oncolytic viruses, alone or in combination with a checkpoint inhibitor, for the treatment of cancer

(51) Int. Cl.

A61K 35/763 ( 2015.01 )

A61P 1/00 ( 2006.01 )

A61P 35/00 ( 2006.01 )

C07K 14/705 ( 2006.01 )

C07K 16/28 ( 2006.01 )

(87) WO2018/170133

(31) 62/471,875 (32) 15.03.17 (33) US

(43) 20.09.2018

(44) 04.01.2024

(72) Beltran, Pedro J.; Beers, Courtney; Cooke, Keegan

(74) Spruson & Ferguson

(71) Anhui Biox Vision Biological Technology Co., Ltd.

(11) AU-B-2019461286

(21) 2019461286 (22) 09.08.2019

(54) Anti-VEGF-anti-PD1 bispecific antibody with new-type structure

(51) Int. Cl.

C07K 16/46 ( 2006.01 )

A61P 35/00 ( 2006.01 )

C12N 15/13 ( 2006.01 )

(87) WO2021/026685

(43) 18.02.2021

(44) 04.01.2024

(72) WANG, Guoxing; CHENG, Liansheng; HU, Siyi; YUAN, Hong; WU, Ting; FAN, Li

(74) Spruson & Ferguson

(71) Apple Inc.

(11) AU-B-2021290284

(21) 2021290284 (22) 22.12.2021

(54) Providing relevant data items based on context

(51) Int. Cl.

G06F 16/00 ( 2019.01 )

G06F 3/00 ( 2006.01 )

(43) 27.01.2022

(44) 04.01.2024

(62) 2021204811

(72) BLATZ, John L.; AGGARWAL, Akshay;

BHARGAVA, Radhika; LIU, Daiwei;

RAMASWAMY, Pallavika; SO, Kelvin

Ting Pui

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-B-2022228121

(21) 2022228121 (22) 07.09.2022

(54) User interfaces for simulated depth effects

(51) Int. Cl.

G06F 3/0484 ( 2022.01 )

(43) 29.09.2022

(44) 04.01.2024

(62) 2019338180

(72) Manzari, Johnnie B.; Ive, Jonathan P.;

Dye, Alan C.; Souza Dos Santos, Andre;

Pivonka, Pavel; Sorrentino III, William A.;

Seely, Richard David; Baer, Richard L.;

Bale, Arathi S.

(74) FPA Patent Attorneys Pty Ltd

(71) ArcelorMittal

(11) AU-B-2019235549

(21) 2019235549 (22) 14.02.2019

(54) Method for dip-coating a metal strip

(51) Int. Cl.

C23C 2/00 ( 2006.01 )

C23C 2/40 ( 2006.01 )

(87) WO2019/175684

(31) PCT/ (32) 12.03.18 (33) IB

IB2018/051603

(43) 19.09.2019

(44) 04.01.2024

(72) GARCIA MARTINO, Angel; GARCIA-CHAPA, Inocencio

(74) Phillips Ormonde Fitzpatrick

(71) Arthrex, Inc.

(11) AU-B-2018323627

(21) 2018323627 (22) 30.08.2018

(54) Surgical drill guide

(51) Int. Cl.

A61B 17/17 ( 2006.01 )

A61B 17/064 ( 2006.01 )

(87) WO2019/046538

(31) 15/693,516 (32) 01.09.17 (33) US

(43) 07.03.2019

(44) 04.01.2024

(72) POWELL, Chris M.; PALMER, Matthew

(74) Spruson & Ferguson

(71) ASSIA SPE, LLC

(11) AU-B-2022202832

(21) 2022202832 (22) 28.04.2022

(54) Method and system for performance measurement of a communication link

(51) Int. Cl.

H04L 43/08 ( 2022.01 )

(43) 19.05.2022

(44) 04.01.2024

(62) 2020220132

(72) YUN, Sungho; HERNANDEZ, Carlos

Garcia; BALAKRISHNAN, Manikanden;

RHEE, Wonjong

(74) Griffith Hack

(71) AstraZeneca AB

(11) AU-B-2020267165

(21) 2020267165 (22) 10.11.2020

(54) COMBINATION TREATMENT

(51) Int. Cl.

A61K 38/26 ( 2006.01 )

A61K 31/4365 ( 2006.01 )

A61K 31/519 ( 2006.01 )

A61K 31/7076 ( 2006.01 )

A61P 9/10 ( 2006.01 )

(31) 63/067,388 (32) 19.08.20 (33) US

(43) 10.03.2022

(44) 04.01.2024

(72) Carlsson, Leif; Nylander, Sven; Fjellstrom, Ola; Badimon, Lina

(74) Phillips Ormonde Fitzpatrick

(71) AstraZeneca AB

(11) AU-B-2022201294

(21) 2022201294 (22) 25.02.2022

(54) METHODS OF TREATING HFPEF EMPLOYING DAPAGLIFLOZIN AND COMPOSITIONS COMPRISING THE SAME

(51) Int. Cl.

A61K 31/70 ( 2006.01 )

A61P 9/00 ( 2006.01 )

A61P 9/04 ( 2006.01 )

(43) 17.03.2022

(44) 04.01.2024

(62) 2019304032

(72) Langkilde, Anna Maria

(74) Phillips Ormonde Fitzpatrick

(71) ATI Properties LLC

(11) AU-B-2022224763

(21) 2022224763 (22) 31.08.2022

Applications Accepted - Name Index cont'd

(54) CREEP RESISTANT TITANIUM AL-  
LOYS  
(51) Int. Cl.  
**C22C 14/00** ( 2006.01 )  
**C22F 1/18** ( 2006.01 )  
(43) 22.09.2022  
(44) 04.01.2024  
(62) 2019350496  
(72) BRYAN, David J.; MANTIONE, John V.;  
GARCIA-AVILA, Matias  
(74) K&L Gates

(71) Atlas Elektronik GmbH; thyssenkrupp  
AG  
(11) AU-B-2021292366  
(21) 2021292366 (22) 10.06.2021  
(54) Floating or submersible body for acous-  
tic position finding, in particular for de-  
mining activities  
(51) Int. Cl.  
**B63G 7/08** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
(87) WO2021/254874  
(31) 10 2020 116 238.3 (32) 19.06.20 (33) DE  
(43) 23.12.2021  
(44) 04.01.2024  
(72) HÜCKING, Christian; ENGEL, Robert  
(74) Griffith Hack

**Auburn University see Deere & Company**  
(21) 2017436819

(71) Austin Star Detonator Company  
(11) AU-B-2019230114  
(21) 2019230114 (22) 07.03.2019  
(54) Enhanced safety and reliability for a  
networked detonator blasting system  
(51) Int. Cl.  
**G05B 13/02** ( 2006.01 )  
(87) WO2019/173601  
(31) 62/639,668 (32) 07.03.18 (33) US  
(43) 12.09.2019  
(44) 04.01.2024  
(72) MUNROE, Chris; HOWE, Larry S.;  
PAPILLON, Bryan E.; TEOWEE,  
Gimtong; HARDERS, Walter J.  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BAE Systems PLC  
(11) AU-B-2018359825  
(21) 2018359825 (22) 16.10.2018  
(54) Laser diode array  
(51) Int. Cl.  
**H01S 5/024** ( 2006.01 )  
(87) WO2019/086833  
(31) 1717795.7 (32) 30.10.17 (33) GB  
(43) 09.05.2019  
(44) 04.01.2024  
(72) HOLLAND, Graham Andrew  
(74) Spruson & Ferguson

(71) Baker Hughes Oilfield Operations LLC  
(11) AU-B-2020347141  
(21) 2020347141 (22) 09.09.2020  
(54) Inverted closed bellows with lubricated  
guide ring support

(51) Int. Cl.  
**E21B 43/12** ( 2006.01 )  
**F04D 13/10** ( 2006.01 )  
(87) WO2021/050504  
(31) 62/898,477 (32) 10.09.19 (33) US  
17/015,072 08.09.20 US  
(43) 18.03.2021  
(44) 04.01.2024  
(72) HOLLOHAN, Cody; TANNER, David;  
COATES, Bryan  
(74) FPA Patent Attorneys Pty Ltd

(71) Baker Hughes Oilfield Operations LLC  
(11) AU-B-2021259155  
(21) 2021259155 (22) 23.03.2021  
(54) Pressure balanced running tool  
(51) Int. Cl.  
**E21B 34/14** ( 2006.01 )  
**E21B 23/04** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
(87) WO2021/216245  
(31) 16/855,539 (32) 22.04.20 (33) US  
(43) 28.10.2021  
(44) 04.01.2024  
(72) TUTTLE, Elliott; FRASER, James  
(74) FPA Patent Attorneys Pty Ltd

(71) BASF Coatings GmbH  
(11) AU-B-2021245972  
(21) 2021245972 (22) 17.03.2021  
(54) Aqueous coating composition contain-  
ing an epoxy-amine system and an ara-  
matic carboxylic acid as curing catalyst  
(51) Int. Cl.  
**C08G 59/56** ( 2006.01 )  
**C08G 59/18** ( 2006.01 )  
**C08G 59/50** ( 2006.01 )  
**C08G 59/58** ( 2006.01 )  
**C08G 59/68** ( 2006.01 )  
(87) WO2021/197842  
(31) 20167217.7 (32) 31.03.20 (33) EP  
(43) 07.10.2021  
(44) 04.01.2024  
(72) KONDRAT, Anna; NIENHAUS, Egbert;  
RESSEL, Joerg; WEVER, Karin;  
PRZYBILLA, Silke; VOEGELING, Tim;  
SCHOEPS, Sibylle  
(74) Griffith Hack

(71) BASF SE  
(11) AU-B-2018308563  
(21) 2018308563 (22) 20.06.2018  
(54) Use of herbicidal compositions based  
on L-glufosinate in tolerant field crops  
(51) Int. Cl.  
**A01N 57/20** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )  
(87) WO2019/020283  
(31) 62/537,511 (32) 27.07.17 (33) US  
(43) 31.01.2019  
(44) 04.01.2024  
(72) DECKWER, Roland; LORENTZ, Lothar;  
COTIE, Arlene Grace; BAGWELL, Ralph  
Dale  
(74) Griffith Hack

(71) Baxter Healthcare SA; Baxter Interna-  
tional Inc  
(11) AU-B-2021240299  
(21) 2021240299 (22) 01.10.2021  
(54) HOME MEDICAL DEVICE SYSTEMS  
AND METHODS FOR THERAPY PRE-  
SCRIPTION AND TRACKING, SERVI-  
CING AND INVENTORY  
(51) Int. Cl.  
**G16H 20/00** ( 2018.01 )  
(43) 28.10.2021  
(44) 04.01.2024  
(62) 2019279973  
(72) MILLER, Joshua James; WIEBEN-  
SON, Derek; WILKERSON, Douglas L.;  
TIWARI, Neil; ROBINSON, Timothy G.;  
MINKUS, Marc Steven; MULLER, Mat-  
thew R.; WELLINGS, Anders J.; HANS-  
BRO, Kathryn Louise; CIZMAN, Bor-  
ut; KUNZEMAN, Brian S.; COOPER,  
Robin D.; KUDELKA, Timothy L.;  
SARTO, Angela A.; LINDO, Steve  
Joseph; BAUSTAD, Jostein; MOUNTS,  
Duston; HILL, Shafali  
(74) K&L Gates

**Baxter International Inc see Baxter Health-  
care SA**  
(21) 2021240299

(71) Bayer HealthCare LLC  
(11) AU-B-2018326485  
(21) 2018326485 (22) 28.08.2018  
(54) Injector pressure calibration system and  
method  
(51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
(87) WO2019/046282  
(31) 62/552,428 (32) 31.08.17 (33) US  
(43) 07.03.2019  
(44) 04.01.2024  
(72) McDermott, Michael; Marsh, Chelsea;  
Spohn, Michael; Barone, William;  
Praniewicz, Robert; Rabin, Edden; Sa-  
vannah, Corey; Delbrugge, Vince  
(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
(11) AU-B-2017357044  
(21) 2017357044 (22) 09.11.2017  
(54) Timeline system for monitoring a culture  
media protocol  
(51) Int. Cl.  
**C12N 5/0735** ( 2010.01 )  
**G06F 15/173** ( 2006.01 )  
**G06G 7/60** ( 2006.01 )  
**G16B 5/00** ( 2019.01 )  
(87) WO2018/089681  
(31) 62/420,466 (32) 10.11.16 (33) US  
(43) 17.05.2018  
(44) 04.01.2024  
(72) Nicolson, Strett Roger; Aman, Kerri  
Lynne Jones; Sakowski, Mark; Fieni,  
Paul; Larsen, Mark; Llanso, Amy Alcott  
(74) FB Rice Pty Ltd

Applications Accepted - Name Index cont'd

(71) Becton, Dickinson and Company  
 (11) AU-B-2018256404  
 (21) 2018256404 (22) 19.04.2018  
 (54) Connector cap  
 (51) Int. Cl.  
*A61M 39/16* ( 2006.01 )  
*A61L 2/00* ( 2006.01 )  
*A61M 5/178* ( 2006.01 )  
*A61M 5/31* ( 2006.01 )  
*A61M 39/00* ( 2006.01 )  
*A61M 39/10* ( 2006.01 )  
 (87) WO2018/195241  
 (31) 62/488,266 (32) 21.04.17 (33) US  
 (43) 25.10.2018  
 (44) 04.01.2024  
 (72) Ryan, Kevin  
 (74) FB Rice Pty Ltd

**Beijing LongRuan Technologies, Inc. see Peking University**  
 (21) 2023202859

(71) Biological E Limited  
 (11) AU-B-2018385557  
 (21) 2018385557 (22) 11.12.2018  
 (54) Process for the preparation of low molecular weight heparin  
 (51) Int. Cl.  
*C08B 37/00* ( 2006.01 )  
 (87) WO2019/116217  
 (31) 201741044415 (32) 11.12.17 (33) IN  
 (43) 20.06.2019  
 (44) 04.01.2024  
 (72) VEDULA, Manohar Sarma; KOSGI, Sreedhar; MANTENA, Narender Dev; ARYASOMAYAJULA, Ratnakar  
 (74) FB Rice Pty Ltd

(71) Biotage AB  
 (11) AU-B-2018351589  
 (21) 2018351589 (22) 18.10.2018  
 (54) Chromatography cartridge seal arrangement  
 (51) Int. Cl.  
*B65D 41/04* ( 2006.01 )  
*B01D 15/22* ( 2006.01 )  
*B65D 41/08* ( 2006.01 )  
*G01N 30/60* ( 2006.01 )  
 (87) WO2019/078777  
 (31) 17197354.8 (32) 19.10.17 (33) EP  
 (43) 25.04.2019  
 (44) 04.01.2024  
 (72) NORLÉN, Andreas  
 (74) Davies Collison Cave Pty Ltd

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-B-2022200850  
 (21) 2022200850 (22) 09.02.2022  
 (54) Ultrasound-guided optoacoustic monitoring of oxygen saturation  
 (51) Int. Cl.  
*A61B 1/06* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/145* ( 2006.01 )  
*A61B 8/00* ( 2006.01 )  
*G01H 9/00* ( 2006.01 )

*G01N 21/17* ( 2006.01 )  
 (43) 03.03.2022  
 (44) 04.01.2024  
 (62) 2020204235  
 (72) PROUGH, Donald S.; KINSKY, Michael P.; ESENALIEV, Rinat O.; PETROV, Irene Y.; PETROV, Yuriy  
 (74) Griffith Hack

(71) Boehringer Ingelheim International GmbH  
 (11) AU-B-2017266298  
 (21) 2017266298 (22) 17.05.2017  
 (54) Anti PD-1 and anti-LAG3 antibodies for cancer treatment  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2017/198741  
 (31) EP16170174.3 (32) 18.05.16 (33) EP  
 (43) 23.11.2017  
 (44) 04.01.2024  
 (72) Zettl, Markus; Lorenz, Ivo; Schaaf, Otmar; Wurm, Melanie; Fortin, Jean-François; Brodeur, Scott; Canada, Keith A.; Chlewicki, Lukasz; Davidson, Walter Carroll; Gupta, Pankaj; Gupta, Priyanka; Perez, Rocio K.; Woska Jr., Joseph Robert; Xiao, Haiguang; Yang, Danlin  
 (74) Spruson & Ferguson

(71) BOMBARDIER TRANSPORTATION GMBH  
 (11) AU-B-2021390156  
 (21) 2021390156 (22) 02.12.2021  
 (54) METHOD FOR OPERATING A RAIL VEHICLE AND ARRANGEMENT COMPRISING A RAIL VEHICLE  
 (51) Int. Cl.  
*B61L 23/04* ( 2006.01 )  
*B61L 27/57* ( 2022.01 )  
 (87) WO2022/117698  
 (31) 10 2020 215 245.4 (32) 02.12.20 (33) DE  
 (43) 09.06.2022  
 (44) 04.01.2024  
 (72) MAZZONE, Andrea  
 (74) AJ PARK

(71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2020444017  
 (21) 2020444017 (22) 16.12.2020  
 (54) System and device for treating tissue  
 (51) Int. Cl.  
*A61B 17/122* ( 2006.01 )  
 (87) WO2021/216132  
 (31) 16/856,890 (32) 23.04.20 (33) US  
 (43) 28.10.2021  
 (44) 04.01.2024  
 (72) SAENZ VILLALOBOS, Gonzalo Jose; CALVO CAMACHO, Daniel; BERENZON, Rafael; RYAN, Shawn  
 (74) Spruson & Ferguson

(71) BP Corporation North America Inc.  
 (11) AU-B-2019338412  
 (21) 2019338412 (22) 12.09.2019

(54) Machine learning-based analysis of seismic attributes  
 (51) Int. Cl.  
*G01V 1/28* ( 2006.01 )  
*G01V 1/30* ( 2006.01 )  
*G01V 1/50* ( 2006.01 )  
*G06N 3/08* ( 2006.01 )  
 (87) WO2020/056073  
 (31) 62/731,411 (32) 14.09.18 (33) US  
 (43) 19.03.2020  
 (44) 04.01.2024  
 (72) ROY, Atish; KUMAR, Dhananjay; KAZLAUSKAS, Eric  
 (74) Spruson & Ferguson

(71) BPW Bergische Achsen KG  
 (11) AU-B-2018253796  
 (21) 2018253796 (22) 17.04.2018  
 (54) Disc brake, brake caliper of a disc brake, as well as hold-down piece and leaf spring for securing the brake linings of a disc brake  
 (51) Int. Cl.  
*F16D 55/2255* ( 2006.01 )  
*F16D 65/00* ( 2006.01 )  
 (87) WO2018/192627  
 (31) 10 2017 108 175.5 (32) 18.04.17 (33) DE  
 (43) 25.10.2018  
 (44) 04.01.2024  
 (72) Goyke, Georg  
 (74) Phillips Ormonde Fitzpatrick

(71) Bracco Imaging SpA  
 (11) AU-B-2019319599  
 (21) 2019319599 (22) 06.08.2019  
 (54) Gadolinium bearing PCTA-based contrast agents  
 (51) Int. Cl.  
*C07D 471/08* ( 2006.01 )  
*A61K 49/10* ( 2006.01 )  
 (87) WO2020/030618  
 (31) 18187422.3 (32) 06.08.18 (33) EP  
 (43) 13.02.2020  
 (44) 04.01.2024  
 (72) NAPOLITANO, Roberta; LATTUADA, Luciano; BARANYAI, Zsolt; GUIDOLIN, Nicole; MARAZZI, Giuseppe  
 (74) Phillips Ormonde Fitzpatrick

(71) CaaMTech, Inc.  
 (11) AU-B-2021237640  
 (21) 2021237640 (22) 18.03.2021  
 (54) Crystalline psilacetin derivatives  
 (51) Int. Cl.  
*A01G 2/10* ( 2018.01 )  
*A01G 22/15* ( 2018.01 )  
*A01G 24/25* ( 2018.01 )  
 (87) WO2021/188782  
 (31) 62/991,914 (32) 19.03.20 (33) US  
 (43) 23.09.2021  
 (44) 04.01.2024  
 (72) CHADEAYNE, Andrew R.  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Cancer Research Technology Limited  
 (11) AU-B-2017316709

Applications Accepted - Name Index cont'd

(21) 2017316709 (22) 23.08.2017  
 (54) Methods of identifying microsatellite in-  
 stability  
 (51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
 (87) WO2018/037231  
 (31) 1614474.3 (32) 24.08.16 (33) GB  
 (43) 01.03.2018  
 (44) 04.01.2024  
 (72) Burn, John; Alhilal, Mohammed Ghan-  
 im Mehdi; Santibanez-Koref, Francisco  
 Mauro; Redford, Lisa; Jackson, Michael  
 Stewart  
 (74) AJ PARK

(71) Cansino Biologics Inc.  
 (11) AU-B-2020366472  
 (21) 2020366472 (22) 25.09.2020  
 (54) Carrier protein with site-directed muta-  
 tion and use thereof in preparation of  
 vaccine  
 (51) Int. Cl.  
**C07K 14/34** ( 2006.01 )  
**A61K 39/09** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07K 1/10** ( 2006.01 )  
**C07K 14/21** ( 2006.01 )  
**C07K 14/22** ( 2006.01 )  
**C07K 14/285** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
 (87) WO2021/073402  
 (31) 201910978406.X (32) 15.10.19 (33) CN  
 (43) 22.04.2021  
 (44) 04.01.2024  
 (72) WANG, Haomeng; YAN, Qiaoling;  
 CHAO, Shoubai; MAO, Huihua; ZHU,  
 Tao  
 (74) Wynnes Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) CareFusion 303, Inc.  
 (11) AU-B-2022241565  
 (21) 2022241565 (22) 29.09.2022  
 (54) Reconstitution device for IV fluids and  
 method of use  
 (51) Int. Cl.  
**A61J 1/10** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**G16C 10/00** ( 2019.01 )  
 (43) 27.10.2022  
 (44) 04.01.2024  
 (62) 2017299427  
 (72) Tribble, Dennis Anthony; Utech,  
 Thomas  
 (74) FB Rice Pty Ltd

(71) Carl Freudenberg KG  
 (11) AU-B-2021278726  
 (21) 2021278726 (22) 10.05.2021  
 (54) Cleaning device for cleaning a mechan-  
 ical cleaning assembly of a cleaning ap-  
 paratus, and cleaning system  
 (51) Int. Cl.  
**A47L 9/04** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
 (87) WO2021/239450

(31) 10 2020 114 451.2 (32) 29.05.20 (33) DE  
 (43) 02.12.2021  
 (44) 04.01.2024  
 (72) LIJMBACH, Willem; HENN, Christian;  
 STENGLEIN, Christian  
 (74) Halfords IP

(71) Case Western Reserve University  
 (11) AU-B-2020311877  
 (21) 2020311877 (22) 06.07.2020  
 (54) Priming media and methods for stem  
 cell culture and therapy  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/0775** ( 2010.01 )  
 (87) WO2021/007180  
 (31) 62/870,832 (32) 05.07.19 (33) US  
 62/908,762 01.10.19 US  
 (43) 14.01.2021  
 (44) 04.01.2024  
 (72) BUKULMEZ, Hulya; CAPLAN, Arnold  
 (74) ACROGON GROUP PTY LTD

(71) Caterpillar Inc.  
 (11) AU-B-2018220043  
 (21) 2018220043 (22) 22.08.2018  
 (54) SYSTEM AND METHOD FOR DE-  
 TERMINING A HEALTH STATUS OF A  
 TANK  
 (51) Int. Cl.  
**F15B 19/00** ( 2006.01 )  
**G05B 23/00** ( 2006.01 )  
 (31) 15/690,389 (32) 30.08.17 (33) US  
 (43) 21.03.2019  
 (44) 04.01.2024  
 (72) BRINKMAN, Jason; CARPENTER,  
 Richard Andrew  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2020354889  
 (21) 2020354889 (22) 21.08.2020  
 (54) High carbon steel track bushing  
 (51) Int. Cl.  
**C21D 1/06** ( 2006.01 )  
**C21D 1/10** ( 2006.01 )  
**C21D 1/18** ( 2006.01 )  
**C21D 1/42** ( 2006.01 )  
**C21D 9/00** ( 2006.01 )  
 (87) WO2021/061313  
 (31) 16/584,158 (32) 26.09.19 (33) US  
 (43) 01.04.2021  
 (44) 04.01.2024  
 (72) RATHOD, Chandrasen Rameshlal;  
 RECKER, Roger Lee; PICKERILL,  
 Robert Jason; KEELE, Scott E.; KISER,  
 Matthew Thomas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Cedars-Sinai Medical Center  
 (11) AU-B-2018254426  
 (21) 2018254426 (22) 17.04.2018  
 (54) A system and a method for using a nov-  
 el electrocardiographic screening al-  
 gorithm for reduced left ventricular ejec-  
 tion fraction  
 (51) Int. Cl.

**A61B 5/02** ( 2006.01 )  
 (87) WO2018/195058  
 (31) 62/486,927 (32) 18.04.17 (33) US  
 (43) 25.10.2018  
 (44) 04.01.2024  
 (72) Chugh, Sumeet S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Centre National De La Recherche Sci-  
 entifique; Université Paris Xii Val De  
 Marne  
 (11) AU-B-2018343867  
 (21) 2018343867 (22) 27.09.2018  
 (54) Device for inserting a surgical implant  
 (51) Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61B 17/92** ( 2006.01 )  
 (87) WO2019/063675  
 (31) 1759130 (32) 29.09.17 (33) FR  
 (43) 04.04.2019  
 (44) 04.01.2024  
 (72) HAIAT, Guillaume; ROSI, Giuseppe; TI-  
 JOU, Antoine  
 (74) FPA Patent Attorneys Pty Ltd

(71) Changzhou Xinhui Netting Co., Ltd.  
 (11) AU-B-2020423394  
 (21) 2020423394 (22) 26.05.2020  
 (54) Warp insertion and warp chain knitted  
 chain structure for knitted net, and bale  
 net wrap using same  
 (51) Int. Cl.  
**D04B 21/06** ( 2006.01 )  
**A01F 1/04** ( 2006.01 )  
 (87) WO2021/143002  
 (31) 202010029976.7 (32) 13.01.20 (33) CN  
 (43) 22.07.2021  
 (44) 04.01.2024  
 (72) XU, Xiaohui  
 (74) Davies Collison Cave Pty Ltd

**Cheng, S. see Meyer Intellectual Properties  
 Limited**  
 (21) 2021227210

(71) Chevron U.S.A. Inc.  
 (11) AU-B-2019387627  
 (21) 2019387627 (22) 04.11.2019  
 (54) System and method for automated  
 post-geosteering  
 (51) Int. Cl.  
**E21B 7/04** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**E21B 47/024** ( 2006.01 )  
 (87) WO2020/109890  
 (31) 62/772,410 (32) 28.11.18 (33) US  
 (43) 04.06.2020  
 (44) 04.01.2024  
 (72) THORNE, Julian A.  
 (74) FPA Patent Attorneys Pty Ltd

**Children's Medical Center Corporation see  
 The Brigham and Women's Hospital, Inc.**  
 (21) 2021240191

Applications Accepted - Name Index cont'd

(71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.  
 (11) AU-B-2021287836  
 (21) 2021287836 (22) 09.06.2021  
 (54) Information Transmission Method, Information Reception Method and Apparatuses  
 (51) Int. Cl.  
*H04W 36/00* ( 2009.01 )  
 (87) WO2021/249431  
 (31) 202010525854.7 (32) 10.06.20 (33) CN  
 (43) 16.12.2021  
 (44) 04.01.2024  
 (72) XIE, Fang  
 (74) Adams Pluck

(71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.  
 (11) AU-B-2021332873  
 (21) 2021332873 (22) 26.08.2021  
 (54) Methods for inserting and extracting operations, administration, and maintenance of transmitting end, device, and medium  
 (51) Int. Cl.  
*H04W 24/02* ( 2009.01 )  
*H04W 24/04* ( 2009.01 )  
 (87) WO2022/042647  
 (31) 202010883893.4 (32) 28.08.20 (33) CN  
 (43) 03.03.2022  
 (44) 04.01.2024  
 (72) LI, Han; CHENG, Weiqiang  
 (74) Adams Pluck

**China Mobile Communications Group Co., Ltd. see China Mobile Communication Co., Ltd Research Institute**  
 (21) 2021287836

**China Mobile Communications Group Co., Ltd. see China Mobile Communication Co., Ltd Research Institute**  
 (21) 2021332873

(71) China Tiesiju Civil Engineering Group Co., Ltd.; The First Engineering Co.,Ltd. of CTCE Group  
 (11) AU-B-2021435256  
 (21) 2021435256 (22) 30.11.2021  
 (54) Double-span movable formwork of lower bearing type and construction method  
 (51) Int. Cl.  
*E01D 21/00* ( 2006.01 )  
*E01D 2/00* ( 2006.01 )  
 (87) WO2022/242103  
 (31) 2021105406204 (32) 18.05.21 (33) CN  
 (43) 08.12.2022  
 (44) 04.01.2024  
 (72) HU, Zhukui; HE, Hongsheng; RUI, Shikai; ZHANG, Bo; ZHANG, Guangxue; ZHANG, Jiasheng; WANG, Anhui; WANG, Ying  
 (74) Spruson & Ferguson

(71) Choi, W.N.L.  
 (11) AU-B-2021239278  
 (21) 2021239278 (22) 19.03.2021  
 (54) A work glove and a multi-layered ferromagnetic pouch for use with a work glove  
 (51) Int. Cl.  
*A41D 19/015* ( 2006.01 )  
 (87) WO2021/185355  
 (31) 2004125.7 (32) 20.03.20 (33) GB  
 (43) 23.09.2021  
 (44) 04.01.2024  
 (72) CHOI, Wai Nam Lawrence  
 (74) Collison & Co

(71) CHO Pharma, Inc.  
 (11) AU-B-2020325204  
 (21) 2020325204 (22) 05.08.2020  
 (54) Fusion protein for remodeling antibody glycoform  
 (51) Int. Cl.  
*C12N 9/28* ( 2006.01 )  
*C07K 14/195* ( 2006.01 )  
*C07K 16/00* ( 2006.01 )  
*C12N 9/24* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2021/026264  
 (31) 62/882,729 (32) 05.08.19 (33) US  
 (43) 11.02.2021  
 (44) 04.01.2024  
 (72) CHU, Kuo-Ching; HUANG, Lin-Ya; ZENG, Yi-Fang  
 (74) Spruson & Ferguson

(71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-B-2016381992  
 (21) 2016381992 (22) 27.12.2016  
 (54) Method for promoting efficiency of purification of Fc region-containing polypeptide  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*C07K 1/22* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
 (87) WO2017/115773  
 (31) 2015-255726 (32) 28.12.15 (33) JP  
 (43) 06.07.2017  
 (44) 04.01.2024  
 (72) Tanaka, Nobuyuki; Momose, Rumiko  
 (74) Spruson & Ferguson

(71) CJ CHEILJEDANG CORPORATION  
 (11) AU-B-2022206623  
 (21) 2022206623 (22) 06.01.2022  
 (54) GLXR PROTEIN VARIANT OR THREONINE PRODUCTION METHOD USING SAME  
 (51) Int. Cl.  
*C07K 14/34* ( 2006.01 )  
*C12N 15/77* ( 2006.01 )  
*C12P 13/08* ( 2006.01 )  
 (87) WO2022/149865  
 (31) 10-2021-0003609 (32) 11.01.21 (33) KR  
 (43) 14.07.2022  
 (44) 04.01.2024  
 (72) SO, Yee-Seul; KWON, Su Yon; LEE, Kwang Woo; SHIM, Jihyun  
 (74) Michael Buck IP

(71) CMR Surgical Limited  
 (11) AU-B-2022204385  
 (21) 2022204385 (22) 22.06.2022  
 (54) Interfacing a surgical robotic arm and instrument  
 (51) Int. Cl.  
*A61B 34/30* ( 2016.01 )  
*A61B 17/00* ( 2006.01 )  
 (43) 14.07.2022  
 (44) 04.01.2024  
 (62) 2019214500  
 (72) GRANT, James Oliver; MARSHALL, Keith; McBrien, Dominic Martin  
 (74) Griffith Hack

(71) ColdQuanta, Inc.  
 (11) AU-B-2022218475  
 (21) 2022218475 (22) 15.08.2022  
 (54) Constant-frequency acousto-optic beam steering  
 (51) Int. Cl.  
*B82Y 20/00* ( 2011.01 )  
*B82Y 10/00* ( 2011.01 )  
*G06N 10/40* ( 2022.01 )  
*H01L 29/15* ( 2006.01 )  
*H04B 10/70* ( 2013.01 )  
 (31) 17/727,756 (32) 24.04.22 (33) US  
 63/235,017 19.08.21 US  
 (43) 09.03.2023  
 (44) 04.01.2024  
 (72) Saffman, Mark  
 (74) Griffith Hack

(71) Colgate-Palmolive Company  
 (11) AU-B-2020403279  
 (21) 2020403279 (22) 20.11.2020  
 (54) Viscosity stable SLS free toothpastes containing zinc compounds and arginine  
 (51) Int. Cl.  
*A61K 8/27* ( 2006.01 )  
*A61K 8/44* ( 2006.01 )  
*A61K 8/60* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
 (87) WO2021/119650  
 (31) 62/946,116 (32) 10.12.19 (33) US  
 (43) 17.06.2021  
 (44) 04.01.2024  
 (72) POTH, Tilo  
 (74) Spruson & Ferguson

(71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2018329967  
 (21) 2018329967 (22) 06.09.2018  
 (54) Water treatment process  
 (51) Int. Cl.  
*C02F 1/60* ( 2006.01 )  
*C02F 5/02* ( 2006.01 )  
 (87) WO2019/046897  
 (31) 2018901121 (32) 05.04.18 (33) AU  
 2017903640 08.09.17 AU  
 (43) 14.03.2019  
 (44) 04.01.2024  
 (72) DOUGLAS, Grant  
 (74) FB Rice Pty Ltd



Applications Accepted - Name Index cont'd

- 
- (71) Compagnie Generale des Etablissements Michelin  
 (11) AU-B-2021261852  
 (21) 2021261852 (22) 01.11.2021  
 (54) AERODYNAMIC MUD FLAP  
 (51) Int. Cl.  
**B62D 25/18** ( 2006.01 )  
 (43) 02.12.2021  
 (44) 04.01.2024  
 (62) 2018342610  
 (72) MORGAN, Justin; BAXTER, Parker; PAN, Chinglin; BRADLEY, Calvin Rhett; MCPILLAN, Charles Andrew  
 (74) Griffith Hack
- 
- (71) Concert Pharmaceuticals Inc.  
 (11) AU-B-2021269403  
 (21) 2021269403 (22) 18.11.2021  
 (54) Morphinan compounds  
 (51) Int. Cl.  
**C07D 471/08** ( 2006.01 )  
**A61K 31/439** ( 2006.01 )  
**A61P 11/14** ( 2006.01 )  
**C07B 59/00** ( 2006.01 )  
 (43) 16.12.2021  
 (44) 04.01.2024  
 (62) 2020203309  
 (72) TUNG, Roger  
 (74) Spruson & Ferguson
- 
- (71) Conveyor Manufacturers Australia Pty Ltd  
 (11) AU-B-2018218176  
 (21) 2018218176 (22) 08.02.2018  
 (54) A modular conveyance system  
 (51) Int. Cl.  
**B65G 21/12** ( 2006.01 )  
**B65D 88/12** ( 2006.01 )  
**B65G 41/00** ( 2006.01 )  
 (87) WO2018/145144  
 (31) 2017900388 (32) 08.02.17 (33) AU  
 (43) 16.08.2018  
 (44) 04.01.2024  
 (72) Smith, Benjamin John  
 (74) GLMR
- 
- (71) Cornell University  
 (11) AU-B-2017322522  
 (21) 2017322522 (22) 09.09.2017  
 (54) Delivery of nucleic acids, proteins and small molecules in vitreous vesicular bodies  
 (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
 (87) WO2018/049284  
 (31) 62/385,711 (32) 09.09.16 (33) US  
 (43) 15.03.2018  
 (44) 04.01.2024  
 (72) Pena, John TG; Gupta, Mrinali Patel; D'Amico, Donald J.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) CQMS PTY LTD  
 (11) AU-B-2022203338  
 (21) 2022203338 (22) 18.05.2022  
 (54) Article Handler  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
 (43) 09.06.2022  
 (44) 04.01.2024  
 (62) 2020217410  
 (72) Saunders, Bradley Darren; Higgins, Bradley James  
 (74) James & Wells Intellectual Property
- 
- (71) CRUISEMASTER AUSTRALIA PTY LTD  
 (11) AU-B-2018200811  
 (21) 2018200811 (22) 02.02.2018  
 (54) CONNECTOR  
 (51) Int. Cl.  
**B60G 7/04** ( 2006.01 )  
 (31) 2017900338 (32) 03.02.17 (33) AU  
 (43) 23.08.2018  
 (44) 04.01.2024  
 (72) Bhaskar, Andrew  
 (74) Michael Buck IP
- 
- (71) CSL Behring LLC  
 (11) AU-B-2017221840  
 (21) 2017221840 (22) 28.08.2017  
 (54) Perfusion compositions and methods of using alpha-1 anti-trypsin in Ex vivo organ perfusion  
 (51) Int. Cl.  
**A01N 1/02** ( 2006.01 )  
 (87) WO2019/040085  
 (31) 62/550,333 (32) 25.08.17 (33) US  
 (43) 14.03.2019  
 (44) 04.01.2024  
 (72) Liu, Mingyao; Keshavjee, Shaf; Berger, Melvin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CYMRA LIFE SCIENCES LIMITED  
 (11) AU-B-2021390590  
 (21) 2021390590 (22) 06.12.2021  
 (54) ANTIINFLAMMATORY COMPOSITIONS COMPRISING CANNABIDIOL, DELTA-9- TETRAHYDROCANNABINOL AND LINALOOL  
 (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2022/115921  
 (31) 2020904491 (32) 04.12.20 (33) AU  
 (43) 09.06.2022  
 (44) 04.01.2024  
 (72) HARDY, Joel Ernest George; PETTINGER, Simon Kenneth; MONTGOMERY, John; TURNER, Matthew  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) De' Longhi Appliances S.r.l.  
 (11) AU-B-2019210983  
 (21) 2019210983 (22) 23.01.2019  
 (54) Device for heating and emulsifying beverages  
 (51) Int. Cl.  
**A47J 31/44** ( 2006.01 )  
 (87) WO2019/145315  
 (31) 102018000001717 (32) 24.01.18 (33) IT  
 (43) 01.08.2019  
 (44) 04.01.2024  
 (72) DE' LONGHI, Giuseppe; QUARATESI, Guido; CRISTOFOLI, Claudio; ROSETTO, Giovanni  
 (74) MINTER ELLISON
- 
- (71) Deere & Company; Auburn University  
 (11) AU-B-2017436819  
 (21) 2017436819 (22) 25.10.2017  
 (54) RTK vector phase locked loop architecture  
 (51) Int. Cl.  
**G01S 19/25** ( 2010.01 )  
**G01S 19/43** ( 2010.01 )  
 (87) WO2019/083523  
 (31) 62/576,044 (32) 23.10.17 (33) US  
 (43) 02.05.2019  
 (44) 04.01.2024  
 (72) MARTIN, Scott M.; BEVLY, David M.; KEEGAN, Richard G.; ROUNDS, Stephen F.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Dejero Labs Inc.  
 (11) AU-B-2021269379  
 (21) 2021269379 (22) 17.11.2021  
 (54) Device and method for characterization and optimization of multiple simultaneous real-time data connections  
 (51) Int. Cl.  
**H04W 28/02** ( 2009.01 )  
**H04W 24/00** ( 2009.01 )  
**H04W 80/02** ( 2009.01 )  
 (43) 02.12.2021  
 (44) 04.01.2024  
 (62) 2020201651  
 (72) Sze, David; Frusina, Bogdan; Gilhuly, Barry; Schneider, Todd  
 (74) FB Rice Pty Ltd
- 
- (71) DePuy Synthes Products, Inc.  
 (11) AU-B-2018256446  
 (21) 2018256446 (22) 20.04.2018  
 (54) Angled flutes in cannulated bone screws  
 (51) Int. Cl.  
**A61B 17/86** ( 2006.01 )  
 (87) WO2018/195377  
 (31) 62/488,398 (32) 21.04.17 (33) US  
 (43) 25.10.2018  
 (44) 04.01.2024  
 (72) Zastrozna, Anna  
 (74) Spruson & Ferguson
- 
- (71) Desolenator B.V.  
 (11) AU-B-2019250442  
 (21) 2019250442 (22) 10.04.2019  
 (54) A method for storing energy and generating electric power and a device for

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storing solar energy and generating electric power  
**(51)** Int. Cl.  
**H02S 40/38** ( 2014.01 )  
**B01D 3/06** ( 2006.01 )  
**C02F 1/14** ( 2006.01 )  
**H02S 10/10** ( 2014.01 )  
**(87)** WO2019/197505  
**(31)** 2020752 **(32)** 12.04.18 **(33)** NL  
**(43)** 17.10.2019  
**(44)** 04.01.2024  
**(72)** CEN, Jiajun; JANSSEN, Wilhelmus Franciscus Johannes  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Dongguan Best Travel Electronics Co.,Ltd.  
**(11)** AU-B-2022203413  
**(21)** 2022203413 **(22)** 20.05.2022  
**(54)** An anti-electric shock mechanism for a power converter  
**(51)** Int. Cl.  
**H01R 13/629** ( 2006.01 )  
**H01R 13/428** ( 2006.01 )  
**H01R 13/44** ( 2006.01 )  
**H01R 13/639** ( 2006.01 )  
**H01R 24/76** ( 2011.01 )  
**(43)** 07.12.2023  
**(44)** 04.01.2024  
**(72)** Zeng, Guangli; Wang, ChengBing; Wang, Feng  
**(74)** Remarkable IP

**(71)** Dow Global Technologies LLC; Rohm and Haas Company  
**(11)** AU-B-2017444344  
**(21)** 2017444344 **(22)** 25.12.2017  
**(54)** Aqueous dispersion of multistage polymer  
**(51)** Int. Cl.  
**C08L 33/08** ( 2006.01 )  
**C08F 216/16** ( 2006.01 )  
**C08L 33/10** ( 2006.01 )  
**(87)** WO2019/126914  
**(43)** 04.07.2019  
**(44)** 04.01.2024  
**(72)** CUI, Longlan; WANG, Rui; JIANG, Siyuan; GAO, Wei  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Dupont Industrial BioSciences USA, LLC  
**(11)** AU-B-2018225190  
**(21)** 2018225190 **(22)** 23.02.2018  
**(54)** Process for preparing poly(alkylene furandicarboxylate)  
**(51)** Int. Cl.  
**C08G 63/181** ( 2006.01 )  
**C08G 63/668** ( 2006.01 )  
**C08G 63/672** ( 2006.01 )  
**C08G 63/85** ( 2006.01 )  
**(87)** WO2018/156838  
**(31)** 62/462,950 **(32)** 24.02.17 **(33)** US  
**(43)** 30.08.2018  
**(44)** 04.01.2024  
**(72)** Sunkara, Hari Babu; Pigliacampi, Paul J.  
**(74)** Oxygene IP

**(71)** Eagleburgmann Germany GmbH & Co. KG  
**(11)** AU-B-2021243169  
**(21)** 2021243169 **(22)** 26.01.2021  
**(54)** Self-suctioning slide ring seal assembly  
**(51)** Int. Cl.  
**F16J 15/34** ( 2006.01 )  
**F16J 15/40** ( 2006.01 )  
**(87)** WO2021/190803  
**(31)** 10 2020 203 767.1 **(32)** 24.03.20 **(33)** DE  
**(43)** 30.09.2021  
**(44)** 04.01.2024  
**(72)** LANG, Klaus; ZAUNER, Thomas  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Eaton Corporation  
**(11)** AU-B-2018227062  
**(21)** 2018227062 **(22)** 03.03.2018  
**(54)** Electronically actuated locking differential having lock detection mechanism  
**(51)** Int. Cl.  
**F16H 48/34** ( 2012.01 )  
**F16H 48/40** ( 2012.01 )  
**(87)** WO2018/161059  
**(31)** 201711007647 **(32)** 03.03.17 **(33)** IN  
**(43)** 07.09.2018  
**(44)** 04.01.2024  
**(72)** Surve, Rupesh Madhukar; Kadam, Swapnil Shivaji; Hillman, Chad Robert  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Eaton Intelligent Power Limited  
**(11)** AU-B-2022203050  
**(21)** 2022203050 **(22)** 06.05.2022  
**(54)** SYSTEM FOR MEASURING THE VOLTAGE OF A BUSBAR  
**(51)** Int. Cl.  
**G01R 15/06** ( 2006.01 )  
**G01R 19/32** ( 2006.01 )  
**G01R 19/00** ( 2006.01 )  
**(43)** 26.05.2022  
**(44)** 04.01.2024  
**(62)** 2016295890  
**(72)** DAS, Amritendu; LAMMERS, Arend  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Ecolab USA Inc.  
**(11)** AU-B-2019461478  
**(21)** 2019461478 **(22)** 09.08.2019  
**(54)** Connection apparatus for establishing a fluidic connection between a storage container and another fluidic device and a corresponding ring element for coding the storage container  
**(51)** Int. Cl.  
**B67D 7/34** ( 2010.01 )  
**(87)** WO2021/028013  
**(43)** 18.02.2021  
**(44)** 04.01.2024  
**(72)** ZETTLITZER, Guenter; CARLHOFF, Gerold  
**(74)** Spruson & Ferguson

**(71)** Editas Medicine, Inc.  
**(11)** AU-B-2018279829

**(21)** 2018279829 **(22)** 08.06.2018  
**(54)** Engineered Cas9 nucleases  
**(51)** Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**(87)** WO2018/227114  
**(31)** 62/517,811 **(32)** 09.06.17 **(33)** US  
 62/665,388 01.05.18 US  
**(43)** 13.12.2018  
**(44)** 04.01.2024  
**(72)** Steinberg, Barrett Ethan; Cerchione, Derek  
**(74)** Spruson & Ferguson

**(71)** Effusioentech IP Pty Ltd  
**(11)** AU-B-2018309559  
**(21)** 2018309559 **(22)** 01.08.2018  
**(54)** A method of 3D printing  
**(51)** Int. Cl.  
**B29C 64/10** ( 2017.01 )  
**B29C 64/30** ( 2017.01 )  
**B29C 64/379** ( 2017.01 )  
**B33Y 40/00** ( 2015.01 )  
**(87)** WO2019/023749  
**(31)** 2017903081 **(32)** 03.08.17 **(33)** AU  
**(43)** 07.02.2019  
**(44)** 04.01.2024  
**(72)** CAMILLERI, Steven  
**(74)** Burns IP Law Pty Ltd

**(71)** Electrical Subsea & Drilling AS  
**(11)** AU-B-2023203170  
**(21)** 2023203170 **(22)** 19.05.2023  
**(54)** Wellbore control device  
**(51)** Int. Cl.  
**E21B 29/08** ( 2006.01 )  
**E21B 33/06** ( 2006.01 )  
**(43)** 15.06.2023  
**(44)** 04.01.2024  
**(62)** 2017330160  
**(72)** Norbom, Erik  
**(74)** FB Rice Pty Ltd

**(71)** Electrolux Appliances Aktiebolag  
**(11)** AU-B-2017422539  
**(21)** 2017422539 **(22)** 05.07.2017  
**(54)** Household appliance  
**(51)** Int. Cl.  
**A47L 15/00** ( 2006.01 )  
**A47L 15/42** ( 2006.01 )  
**(87)** WO2019/007496  
**(43)** 10.01.2019  
**(44)** 04.01.2024  
**(72)** Dawidiak, Bartosz  
**(74)** Halfords IP

**(71)** Electrolux Appliances Aktiebolag  
**(11)** AU-B-2017426490  
**(21)** 2017426490 **(22)** 04.08.2017  
**(54)** A method for assembling a cooling apparatus, an assembling line implementing the same, and a compartment of said cooling apparatus  
**(51)** Int. Cl.  
**F25D 23/00** ( 2006.01 )  
**F25D 23/06** ( 2006.01 )  
**G05B 19/418** ( 2006.01 )

Applications Accepted - Name Index cont'd

**G06Q 50/04** ( 2012.01 )  
**H04B 5/00** ( 2006.01 )  
**(87)** WO2019/025003  
**(43)** 07.02.2019  
**(44)** 04.01.2024  
**(72)** Gentile, Marco  
**(74)** Halfords IP

**(71)** Electrolux Appliances Aktiebolag  
**(11)** AU-B-2018304808  
**(21)** 2018304808 **(22)** 06.07.2018  
**(54)** Door hinge system for a pivoting door of a domestic appliance  
**(51)** Int. Cl.

**E05F 15/614** ( 2015.01 )  
**E05D 13/00** ( 2006.01 )  
**(87)** WO2019/015994  
**(31)** 17182005.3 **(32)** 19.07.17 **(33)** EP  
**(43)** 24.01.2019  
**(44)** 04.01.2024  
**(72)** Himmelein, Benjamin; Weber, Mario; Machado Martins, David Joao  
**(74)** Halfords IP

**(71)** Elekta Ltd.  
**(11)** AU-B-2020327870  
**(21)** 2020327870 **(22)** 27.03.2020  
**(54)** Automatic gating with an MR Linac  
**(51)** Int. Cl.

**A61N 5/10** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06T 7/30** ( 2017.01 )  
**G06T 9/00** ( 2006.01 )  
**G16H 20/40** ( 2018.01 )  
**(87)** WO2021/026633  
**(31)** 62/886,030 **(32)** 13.08.19 **(33)** US  
 16/824,234 19.03.20 US  
**(43)** 18.02.2021  
**(44)** 04.01.2024  
**(72)** LACHAINE, Martin Emile; BÉRIAULT, Silvain  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Elemental Engineering AG  
**(11)** AU-B-2018310825  
**(21)** 2018310825 **(22)** 27.07.2018  
**(54)** Subterranean Irrigation System.  
**(51)** Int. Cl.  
**A01G 25/06** ( 2006.01 )  
**(87)** WO2019/023813  
**(31)** 17184984.7 **(32)** 04.08.17 **(33)** EP  
**(43)** 07.02.2019  
**(44)** 04.01.2024  
**(72)** SAEED, Osman  
**(74)** Spruson & Ferguson

**(71)** EmendoBio Inc.  
**(11)** AU-B-2020266587  
**(21)** 2020266587 **(22)** 30.04.2020  
**(54)** Novel OMNI-50 CRISPR nuclease  
**(51)** Int. Cl.

**C12N 9/22** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )

**C12N 15/90** ( 2006.01 )  
**(87)** WO2020/223514  
**(31)** 62/841,046 **(32)** 30.04.19 **(33)** US  
 62/897,806 09.09.19 US  
 62/991,285 18.03.20 US  
 62/931,630 06.11.19 US  
 62/959,672 10.01.20 US  
**(43)** 05.11.2020  
**(44)** 04.01.2024

**(72)** BARAM, David; IZHAR, Lior; HERMAN, Asael; ROCKAH, Liat; MARBACH-BAR, Nadav; MERON, Nurit; GEORGESON, Joseph  
**(74)** FB Rice Pty Ltd

**(71)** Ethicon, Inc.  
**(11)** AU-B-2020344233  
**(21)** 2020344233 **(22)** 02.09.2020  
**(54)** Barbed microcatheters having fluid egress openings for infusing therapeutic fluids into tissue and methods of making and using the same  
**(51)** Int. Cl.

**A61M 25/01** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
**A61B 17/06** ( 2006.01 )  
**B29C 53/20** ( 2006.01 )  
**B29D 23/00** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/02** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
**B29C 67/00** ( 2017.01 )  
**B29L 31/00** ( 2006.01 )

**(87)** WO2021/048705  
**(31)** 16/570,017 **(32)** 13.09.19 **(33)** US  
 16/570,028 13.09.19 US  
**(43)** 18.03.2021  
**(44)** 04.01.2024  
**(72)** CICHOCKI, Frank Richard Jr.; CIARROCCA, Scott  
**(74)** Spruson & Ferguson

**ETH Zürich see Universität Bern**  
**(21)** 2022200542

**(71)** Euro-Celtique S.A.  
**(11)** AU-B-2018285822  
**(21)** 2018285822 **(22)** 13.06.2018  
**(54)** Tinostamustine for use in treating sarcoma  
**(51)** Int. Cl.  
**A61K 31/4184** ( 2006.01 )  
**A61K 41/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

**(87)** WO2018/229133  
**(31)** 1709403.8 **(32)** 13.06.17 **(33)** GB  
**(43)** 20.12.2018  
**(44)** 04.01.2024  
**(72)** Mehrling, Thomas Jorg  
**(74)** WRAYS PTY LTD

**Evax AG see Universität Zürich**  
**(21)** 2018231413

**(71)** Evolution Industries IP Pty Ltd  
**(11)** AU-B-2019362095  
**(21)** 2019362095 **(22)** 08.10.2019  
**(54)** Method and device for drying plant material  
**(51)** Int. Cl.  
**A23N 12/08** ( 2006.01 )  
**A23B 7/02** ( 2006.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/105** ( 2016.01 )  
**F26B 3/04** ( 2006.01 )  
**(87)** WO2020/077392  
**(31)** 2018903960 **(32)** 19.10.18 **(33)** AU  
**(43)** 23.04.2020  
**(44)** 04.01.2024  
**(72)** WATKINS, Robert Ogilvie  
**(74)** Michael Buck IP

**(71)** EVONIK OPERATIONS GMBH  
**(11)** AU-B-2022250692  
**(21)** 2022250692 **(22)** 28.03.2022  
**(54)** ENZYMATIC METHOD FOR PRODUCING L-GLUFOSINATE AND ITS PHOSPHOESTERS  
**(51)** Int. Cl.  
**A01N 57/20** ( 2006.01 )  
**C08K 5/5313** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12P 13/00** ( 2006.01 )  
**(87)** WO2022/207543  
**(31)** 21166546.8 **(32)** 01.04.21 **(33)** EP  
**(43)** 06.10.2022  
**(44)** 04.01.2024  
**(72)** PÖTTER, Markus; LAUTENSCHÜTZ, Ludger; FISCHER, Daniel; MÜLLER, Jakob  
**(74)** AJ PARK

**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-B-2021203300  
**(21)** 2021203300 **(22)** 21.05.2021  
**(54)** Nucleic acid molecule for reduction of PAPD5 and PAPD7 mRNA for treating hepatitis B infection  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**(43)** 17.06.2021  
**(44)** 04.01.2024  
**(62)** 2018350693  
**(72)** KAMMLER, Susanne; LOPEZ, Anaïs; MUELLER, Henrik; OTTOSEN, Søren; PEDERSEN, Lykke  
**(74)** Spruson & Ferguson

**(71)** Fentian Nominees Pty Ltd  
**(11)** AU-B-2022264614  
**(21)** 2022264614 **(22)** 21.04.2022  
**(54)** A blockage clearing system for a multi-story building chute system  
**(51)** Int. Cl.  
**E04F 17/12** ( 2006.01 )  
**(87)** WO2022/226578  
**(31)** 2021901224 **(32)** 26.04.21 **(33)** AU  
**(43)** 03.11.2022

Applications Accepted - Name Index cont'd

(44) 04.01.2024  
(72) VAN RENSBURG, Tian  
(74) Patentec Patent Attorneys

(71) Fieldpoint (Cyprus) Limited  
(11) AU-B-2019476738  
(21) 2019476738 (22) 02.12.2019  
(54) Compositions comprising hyper harmonized hydroxyl modified fullerene substances  
(51) Int. Cl.  
**C07C 35/44** ( 2006.01 )  
**A01N 31/06** ( 2006.01 )  
**A61K 8/67** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/047** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
(87) WO2021/110234  
(43) 10.06.2021  
(44) 04.01.2024  
(72) KORUGA, Djuro  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Fisher & Paykel Healthcare Limited  
(11) AU-B-2018259245  
(21) 2018259245 (22) 27.04.2018  
(54) A humidification device and system  
(51) Int. Cl.  
**A61M 16/16** ( 2006.01 )  
(87) WO2018/198081  
(31) 62/491,165 (32) 27.04.17 (33) US  
(43) 01.11.2018  
(44) 04.01.2024  
(72) Budhiraja, Nimansa; Darby, Adam John; Bothma, Johannes Nicolaas; Hamilton, Mark Samuel; Kuriger, Donald Roy; Yatsevich, Igor Olegovich  
(74) Catalyst Intellectual Property

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(11) AU-B-2022200399  
(21) 2022200399 (22) 21.01.2022  
(54) HEADGEAR CLIP ARRANGEMENT  
(51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
(43) 17.02.2022  
(44) 04.01.2024  
(62) 2020203810  
(72) OLSEN, Gregory James; ROSE, Hamish Joshua  
(74) AJ PARK

(71) Fiskars Finland Oy Ab  
(11) AU-B-2022202772  
(21) 2022202772 (22) 27.04.2022  
(54) Blade receiver assembly and cutting device  
(51) Int. Cl.  
**B26B 25/00** ( 2006.01 )  
**B26B 3/06** ( 2006.01 )  
**B26B 29/02** ( 2006.01 )  
**B26D 1/14** ( 2006.01 )  
**B26D 7/22** ( 2006.01 )  
(31) 17/245,244 (32) 30.04.21 (33) US

(43) 17.11.2022  
(44) 04.01.2024  
(72) HUESMAN, Alexander; DECHANT, Stephen P.; LIPSCOMB, Daniel  
(74) Griffith Hack

(71) Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.  
(11) AU-B-2020309625  
(21) 2020309625 (22) 18.05.2020  
(54) Distributor and washing appliance  
(51) Int. Cl.  
**A47L 15/44** ( 2006.01 )  
**A47L 15/42** ( 2006.01 )  
(87) WO2021/004158  
(31) 201921049004.3 (32) 05.07.19 (33) CN  
201910604428.X 05.07.19 CN  
201921053594.7 05.07.19 CN  
201910603541.6 05.07.19 CN  
201921053611.7 05.07.19 CN  
201910603957.8 05.07.19 CN  
(43) 14.01.2021  
(44) 04.01.2024  
(72) SHAO, Dapeng; GUAN, Qingwen; ZENG, Baoping; PAN, Chi; LIU, Feng  
(74) MINTER ELLISON

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, e.V.  
(11) AU-B-2021290313  
(21) 2021290313 (22) 22.12.2021  
(54) Loudness control for user interactivity in audio coding systems  
(51) Int. Cl.  
**G10L 19/008** ( 2013.01 )  
(43) 27.01.2022  
(44) 04.01.2024  
(62) 2019246882  
(72) KÜCH, Fabian; UHLE, Christian; KRATSCHMER, Michael; NEUGEBAUER, Bernhard; MEIER, Michael  
(74) Spruson & Ferguson

(71) Fresenius Medical Care Holdings, Inc.  
(11) AU-B-2018401815  
(21) 2018401815 (22) 15.11.2018  
(54) Virtual kidney donation  
(51) Int. Cl.  
**A01N 1/02** ( 2006.01 )  
**A61D 7/00** ( 2006.01 )  
**A61M 1/14** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**B01D 59/36** ( 2006.01 )  
**G05B 19/02** ( 2006.01 )  
(87) WO2019/139671  
(31) 15/869,526 (32) 12.01.18 (33) US  
(43) 18.07.2019  
(44) 04.01.2024  
(72) KOTANKO, Peter; THIJSSSEN, Stephan  
(74) Davies Collison Cave Pty Ltd

(71) FRONIUS INTERNATIONAL GMBH  
(11) AU-B-202221953  
(21) 202221953 (22) 17.02.2022  
(54) METHOD AND SYSTEM FOR ANALYSING AN ELECTRICAL STORED

ENERGY SOURCE AND ENERGY SUPPLY SYSTEM  
(51) Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**G01R 31/3842** ( 2019.01 )  
**G01R 22/10** ( 2006.01 )  
(87) WO2022/175357  
(31) 21157921.4 (32) 18.02.21 (33) EP  
(43) 25.08.2022  
(44) 04.01.2024  
(72) GUSCHLBAUER, Florian; HEIGL, Hannes; MÜHLEGGGER, Johannes; PFAFFENBICHLER, Dominik  
(74) Davies Collison Cave Pty Ltd

(71) FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD.  
(11) AU-B-2022258377  
(21) 2022258377 (22) 18.04.2022  
(54) RING-MODIFIED PROLINE SHORT PEPTIDE COMPOUND AND USE THEREOF  
(51) Int. Cl.  
**C07D 487/06** ( 2006.01 )  
**A61K 31/403** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07D 209/02** ( 2006.01 )  
**C07D 209/18** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
(87) WO2022/218442  
(31) 202110413867.X (32) 16.04.21 (33) CN  
202110517743.6 12.05.21 CN  
202110637580.5 08.06.21 CN  
202110659242.1 11.06.21 CN  
202110879570.2 30.07.21 CN  
202111040878.4 06.09.21 CN  
202111088812.2 16.09.21 CN  
202111307043.0 05.11.21 CN  
202111343012.0 12.11.21 CN  
202111433962.2 29.11.21 CN  
202111567163.4 20.12.21 CN  
202210029887.1 12.01.22 CN  
202210170046.2 23.02.22 CN  
(43) 20.10.2022  
(44) 04.01.2024  
(72) CHEN, Shuhui; YANG, Yaxun; ZHANG, Jianchen; LI, Peng; HE, Haiying; WANG, Zheng; LI, Jian  
(74) FB Rice Pty Ltd

(71) FUJIFILM Cellular Dynamics, Inc.  
(11) AU-B-2021225187  
(21) 2021225187 (22) 01.09.2021  
(54) Methods for differentiating pluripotent cells  
(51) Int. Cl.  
**C12N 5/0793** ( 2010.01 )  
(43) 30.09.2021  
(44) 04.01.2024  
(62) 2017313065  
(72) McMahon, Christopher W.; Little, Lauren E.; Wang, Wen Bo; Elliot, Nathaniel A.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

- (71) Fundació Institut de Ciències Fotòniques; Institució Catalana de Recerca i Estudis Avançats  
(11) AU-B-2017441379  
(21) 2017441379 (22) 30.11.2017  
(54) Optical endoscope  
(51) Int. Cl.  
G02B 23/26 ( 2006.01 )  
A61B 1/00 ( 2006.01 )
- (87) WO2019/106209  
(43) 06.06.2019  
(44) 04.01.2024  
(72) PRUNERI, Valerio; CAMPHAUSEN, Robin  
(74) Griffith Hack
- 
- (71) Future Grid Pty Ltd  
(11) AU-B-2019333921  
(21) 2019333921 (22) 03.09.2019  
(54) Method and system for indexing of time-series data  
(51) Int. Cl.  
G06F 16/901 ( 2019.01 )  
G06F 16/27 ( 2019.01 )  
G06F 16/30 ( 2019.01 )  
G06F 16/907 ( 2019.01 )
- (87) WO2020/047584  
(31) 2018903274 (32) 04.09.18 (33) AU  
(43) 12.03.2020  
(44) 04.01.2024  
(72) RYAN, David; PONGRACZ, Quenton  
(74) FAL PATENTS PTY LTD
- 
- (71) G1 Therapeutics, Inc.  
(11) AU-B-2021261879  
(21) 2021261879 (22) 03.11.2021  
(54) Synthesis of N-(heteroaryl)-pyrrolo[2,3-d]pyrimidin-2-amines  
(51) Int. Cl.  
C07D 487/14 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
C07D 487/20 ( 2006.01 )
- (43) 02.12.2021  
(44) 04.01.2024  
(62) 2017290362  
(72) Smith, Alexander; White, Hannah S.; Tavares, Francis Xavier; Krasutsky, Sergiy; Chen, Jian-Xie; Dorrow, Roberta L.; Zhong, Hua  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Gas Technology Institute  
(11) AU-B-2017440227  
(21) 2017440227 (22) 15.11.2017  
(54) Processes and systems for reforming of methane and light hydrocarbons to liquid hydrocarbon fuels  
(51) Int. Cl.  
C10G 45/64 ( 2006.01 )  
B01J 23/08 ( 2006.01 )  
C01B 3/38 ( 2006.01 )  
C10G 1/06 ( 2006.01 )  
C10G 2/00 ( 2006.01 )
- (87) WO2019/099002  
(43) 23.05.2019
- 
- (71) GC Genome Corporation  
(11) AU-B-2020391556  
(21) 2020391556 (22) 27.11.2020  
(54) Artificial intelligence-based chromosomal abnormality detection method  
(51) Int. Cl.  
G16B 20/20 ( 2019.01 )  
G06N 3/08 ( 2006.01 )  
G16B 10/00 ( 2019.01 )  
G16B 20/30 ( 2019.01 )  
G16B 30/10 ( 2019.01 )  
G16B 40/20 ( 2019.01 )
- (87) WO2021/107676  
(31) 10-2019-0157257 (32) 29.11.19 (33) KR  
(43) 03.06.2021  
(44) 04.01.2024  
(72) Ki, Chang-Seok; CHO, Eun Hae; LEE, Junnam; LEE, Tae-Rim; AHN, Jin Mo  
(74) FB Rice Pty Ltd
- 
- (71) GENESYS CLOUD SERVICES HOLDINGS II, LLC  
(11) AU-B-2019270168  
(21) 2019270168 (22) 17.05.2019  
(54) System and method for a multiclass approach for confidence modeling in automatic speech recognition systems  
(51) Int. Cl.  
G10L 15/00 ( 2013.01 )  
G10L 15/01 ( 2013.01 )  
G10L 15/08 ( 2006.01 )  
G10L 15/10 ( 2006.01 )  
G10L 15/26 ( 2006.01 )
- (87) WO2019/222576  
(31) 62/673,505 (32) 18.05.18 (33) US  
(43) 21.11.2019  
(44) 04.01.2024  
(72) SUNDARAM, Ramasubramanian; GANAPATHIRAJU, Aravind; TAN, Yingyi  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Georgia Tech Research Corporation  
(11) AU-B-2019228505  
(21) 2019228505 (22) 27.02.2019  
(54) System, devices, and methods providing hydrodynamic barriers  
(51) Int. Cl.  
G01N 13/00 ( 2006.01 )  
B01L 99/00 ( 2010.01 )
- (87) WO2019/169005  
(31) 62/635,616 (32) 27.02.18 (33) US  
(43) 06.09.2019  
(44) 04.01.2024  
(72) SARIOGLU, Ali Fatih; LEE, Dohwan  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Getzner Werkstoffe Holding GmbH  
(11) AU-B-2018371681
- 
- (21) 2018371681 (22) 06.09.2018  
(54) Switch  
(51) Int. Cl.  
E01B 3/46 ( 2006.01 )  
E01B 7/22 ( 2006.01 )  
E01B 9/68 ( 2006.01 )
- (87) WO2019/100089  
(31) A 455/2017 (32) 21.11.17 (33) AT  
(43) 31.05.2019  
(44) 04.01.2024  
(72) LOY, Harald  
(74) FB Rice Pty Ltd
- 
- (71) Gilead Sciences, Inc.  
(11) AU-B-2020290461  
(21) 2020290461 (22) 11.06.2020  
(54) Cot modulators and methods of use thereof  
(51) Int. Cl.  
A61P 3/00 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61P 37/00 ( 2006.01 )  
C07D 401/14 ( 2006.01 )
- (87) WO2020/252151  
(31) 62/861,390 (32) 14.06.19 (33) US  
(43) 17.12.2020  
(44) 04.01.2024  
(72) CANALES, Eda Y.; DESAI, Manoj C.; GORMAN, Eric; LI, Jiayao; SAITO, Roland D.; TAYLOR, James G.; WRIGHT, Nathan E.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Gilead Sciences, Inc.  
(11) AU-B-2022202535  
(21) 2022202535 (22) 19.04.2022  
(54) Methods and intermediates for preparing a therapeutic compound useful in the treatment of retroviridae viral infection  
(51) Int. Cl.  
C07D 401/14 ( 2006.01 )  
C07C 45/67 ( 2006.01 )  
C07C 59/50 ( 2006.01 )  
C07D 213/61 ( 2006.01 )  
C07D 231/54 ( 2006.01 )  
C07D 231/56 ( 2006.01 )  
C07D 339/06 ( 2006.01 )  
C07D 401/12 ( 2006.01 )  
C07D 495/10 ( 2006.01 )
- (43) 19.05.2022  
(44) 04.01.2024  
(62) 2019222559  
(72) ALLAN, Kevin McCormack; VANDEHEY, Amanda Lynn; BRIZGYS, Gediminas; DHAR, Sachin; DOXSEE, Ian James; GOLDBERG, Alex; HEUMANN, Lars V.; HUANG, Zilin; KADUNCE, Nathaniel Thomas; KAZERANI, Shahrokh; LEW, Willard; NGO, Vinh Xuan; O'KEEFE, Brian Michael; RAINEY, Trevor James; ROBERTS, Benjamin James; SHI, Bing; STEINHUEBEL, Dietrich P.; TSE, Winston C.; WAGNER, Anna Michelle; WANG, Xi-anghong; WOLCKENHAUER, Scott Alan; WONG, Chloe Yuyi; ZHANG, Jennifer R.  
(74) Davies Collison Cave Pty Ltd

Applications Accepted - Name Index cont'd

---

(71) GILEAD SCIENCES, INC.  
 (11) AU-B-2021331214  
 (21) 2021331214 (22) 26.08.2021  
 (54) COMPOUNDS AND METHODS FOR TREATMENT OF VIRAL INFECTIONS  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (87) WO2022/047065  
 (31) 63/071,134 (32) 27.08.20 (33) US  
 63/162,283 17.03.21 US  
 63/215,310 25.06.21 US  
 (43) 03.03.2022  
 (44) 04.01.2024  
 (72) BUNYAN, Elaine; CHUN, Byoung-Kwon; DEMPAH, Kassibla E.; HUI, Hon C.; KALLA, Rao V.; MACKMAN, Richard L.  
 (74) Davies Collison Cave Pty Ltd

---

(71) GL COMPANY Co., Ltd.  
 (11) AU-B-2022200875  
 (21) 2022200875 (22) 10.02.2022  
 (54) MICRONEEDLE ASSEMBLY  
 (51) Int. Cl.  
*A61M 37/00* ( 2006.01 )  
 (31) KR (32) 17.02.21 (33) KR  
 10-2021-0021095  
 (43) 01.09.2022  
 (44) 04.01.2024  
 (72) KIM, Jae Heon; KIM, Seong Ok; YOUN, Young Sook  
 (74) Collison & Co

---

(71) Google LLC  
 (11) AU-B-2022246460  
 (21) 2022246460 (22) 07.10.2022  
 (54) Hybrid Kinetic Inductance Devices for Superconducting Quantum Computing  
 (51) Int. Cl.  
*G06N 99/00* ( 2019.01 )  
*H01P 3/02* ( 2006.01 )  
*H01P 7/08* ( 2006.01 )  
 (43) 03.11.2022  
 (44) 04.01.2024  
 (62) 2021201519  
 (72) White, Theodore Charles; Megrant, Anthony Edward  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) GPCP IP Holdings LLC  
 (11) AU-B-2018224378  
 (21) 2018224378 (22) 22.02.2018  
 (54) Apparatus and methods for sealing open-topped containers with heat-shrinking film material  
 (51) Int. Cl.  
*B65B 51/10* ( 2006.01 )  
 (87) WO2018/154378  
 (31) 62/463,101 (32) 24.02.17 (33) US  
 (43) 30.08.2018  
 (44) 04.01.2024  
 (72) Vari, Kimmo  
 (74) Phillips Ormonde Fitzpatrick

(71) Graphic Packaging International, LLC  
 (11) AU-B-2020315443  
 (21) 2020315443 (22) 17.07.2020  
 (54) Carton with attachment features  
 (51) Int. Cl.  
*B65D 5/54* ( 2006.01 )  
*B65D 5/02* ( 2006.01 )  
*B65D 5/42* ( 2006.01 )  
*B65D 5/70* ( 2006.01 )  
 (87) WO2021/011839  
 (31) 62/875,698 (32) 18.07.19 (33) US  
 (43) 21.01.2021  
 (44) 04.01.2024  
 (72) FORD, Colin P.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Greg Rowe Limited  
 (11) AU-B-2018361811  
 (21) 2018361811 (22) 31.10.2018  
 (54) Domestic water tap  
 (51) Int. Cl.  
*E03C 1/04* ( 2006.01 )  
 (87) WO2019/086868  
 (31) 1717969.8 (32) 31.10.17 (33) GB  
 (43) 09.05.2019  
 (44) 04.01.2024  
 (72) ROWE, Gregory Norman; PROSSER, Iain James  
 (74) AJ PARK

---

(71) Guangdong NewOpp Biopharmaceuticals Co., Ltd.  
 (11) AU-B-2020308353  
 (21) 2020308353 (22) 23.06.2020  
 (54) Heterocyclic compounds as inhibitors of KRAS G12C  
 (51) Int. Cl.  
*C07D 403/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 403/14* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
 (87) WO2020/259513  
 (31) 62/995,304 (32) 23.01.20 (33) US  
 62/921,513 24.06.19 US  
 (43) 30.12.2020  
 (44) 04.01.2024  
 (72) WANG, Zhaoyin; LI, Nanxin  
 (74) Phillips Ormonde Fitzpatrick

---

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-B-2018415016  
 (21) 2018415016 (22) 07.05.2018  
 (54) Method and terminal device for data transmission  
 (51) Int. Cl.  
*H04W 40/02* ( 2009.01 )  
*H04W 72/02* ( 2009.01 )  
 (87) WO2019/184051  
 (31) PCT/ (32) 29.03.18 (33) CN  
 CN2018/081182  
 (43) 03.10.2019  
 (44) 04.01.2024  
 (72) LIU, Jianhua  
 (74) Spruson & Ferguson

---

(71) Guangzhou Qinglan Biotechnology Co., Ltd.  
 (11) AU-B-2020459437  
 (21) 2020459437 (22) 18.08.2020  
 (54) Acanthopanax senticosus Harms homogeneous polysaccharide, preparation method therefor and use thereof  
 (51) Int. Cl.  
*C08B 37/00* ( 2006.01 )  
*A61K 8/73* ( 2006.01 )  
*A61K 31/715* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
 (87) WO2022/016644  
 (31) 202010733740.1 (32) 20.07.20 (33) CN  
 (43) 27.01.2022  
 (44) 04.01.2024  
 (72) WANG, Enhan; CHEN, Hankun; YE, Muying; LIN, Hongjia  
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

---

(71) H. Lundbeck A/S  
 (11) AU-B-2017295608  
 (21) 2017295608 (22) 07.07.2017  
 (54) Antibodies specific for hyperphosphorylated tau and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*G01N 33/68* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2018/011073  
 (31) PA201700179 (32) 14.03.17 (33) DK  
 PA201700008 04.01.17 DK  
 PA201600416 12.07.16 DK  
 PA201700005 04.01.17 DK  
 (43) 18.01.2018  
 (44) 04.01.2024  
 (72) Pedersen, Jan Torleif; Kjærgaard, Kristian; Pedersen, Lars Østergaard; Asuni, Abdur-Rasheed; Rosenqvist, Nina Helen; Daechsel, Justus Claus Alfred; Juhl, Karsten; Tagmose, Lena; Marigo, Mauro; Jensen, Thomas; Christensen, Søren; David, Laurent; Volbracht, Christiane; Helbo, Lone  
 (74) Spruson & Ferguson

---

Haier Smart Home Co., Ltd. see Qingdao Haier Refrigerator Co., Ltd  
 (21) 2021260296

---

(71) Haldor Topsøe A/S  
 (11) AU-B-2018312896  
 (21) 2018312896 (22) 27.07.2018  
 (54) A process for removal of aerosol droplets  
 (51) Int. Cl.  
*B01D 45/08* ( 2006.01 )  
*B01D 46/00* ( 2006.01 )  
*B01D 50/00* ( 2006.01 )  
 (87) WO2019/030017

Applications Accepted - Name Index cont'd

(31) PA 2017 00438 (32) 08.08.17 (33) DK  
(43) 14.02.2019  
(44) 04.01.2024  
(72) SØRENSEN, Per Aggerholm;  
THELLEFSEN, Morten  
(74) Griffith Hack

(71) Halliburton Energy Services, Inc.  
(11) AU-B-2018434354  
(21) 2018434354 (22) 25.07.2018  
(54) Method and apparatus for introducing a  
junction assembly  
(51) Int. Cl.  
E21B 41/00 ( 2006.01 )  
E21B 23/01 ( 2006.01 )  
(87) WO2020/023035  
(43) 30.01.2020  
(44) 04.01.2024  
(72) MADDUX, Stephen Ross; FURLONG,  
Shane Patrick; STEELE, David Joe  
(74) Spruson & Ferguson

(71) Hanes Innerwear Australia Pty Ltd  
(11) AU-B-2021221759  
(21) 2021221759 (22) 25.08.2021  
(54) Protective pad or garment portion  
(51) Int. Cl.  
A41B 9/04 ( 2006.01 )  
A61F 13/49 ( 2006.01 )  
A61F 13/496 ( 2006.01 )  
A61F 13/84 ( 2006.01 )  
B32B 5/02 ( 2006.01 )  
B32B 5/06 ( 2006.01 )  
B32B 5/08 ( 2006.01 )  
B32B 5/26 ( 2006.01 )  
B32B 27/12 ( 2006.01 )  
B32B 27/40 ( 2006.01 )  
D06M 101/06 ( 2006.01 )  
D06M 101/32 ( 2006.01 )

(43) 07.10.2021  
(44) 04.01.2024  
(62) PCT/AU2021/050164  
(72) Mellos, Heidi  
(74) FPA Patent Attorneys Pty Ltd

(71) Hitachi, Ltd.  
(11) AU-B-2021289307  
(21) 2021289307 (22) 30.04.2021  
(54) Obstacle detection system, obstacle  
detection method, and self-location es-  
timation system  
(51) Int. Cl.  
B61L 23/00 ( 2006.01 )  
G01S 17/89 ( 2020.01 )  
(87) WO2021/251028  
(31) 2020-100795 (32) 10.06.20 (33) JP  
(43) 16.12.2021  
(44) 04.01.2024  
(72) ONO, Yukihiko; IMAMOTO, Kenji;  
KOIKE, Jun  
(74) Davies Collison Cave Pty Ltd

(71) Hochiki Corporation  
(11) AU-B-2018284669  
(21) 2018284669 (22) 14.05.2018  
(54) Alarm device

(51) Int. Cl.  
G08B 17/10 ( 2006.01 )  
G08B 17/107 ( 2006.01 )  
(87) WO2018/230225  
(31) 2017-116828 (32) 14.06.17 (33) JP  
(43) 20.12.2018  
(44) 04.01.2024  
(72) Shimadzu, Tomohiko  
(74) RnB IP Pty Ltd

(71) Huawei Technologies Co., Ltd.  
(11) AU-B-2020206246  
(21) 2020206246 (22) 09.01.2020  
(54) Sub-picture layout signaling in video  
coding  
(51) Int. Cl.  
H04N 19/436 ( 2014.01 )  
H04N 19/17 ( 2014.01 )  
(87) WO2020/146582  
(31) 62/790,207 (32) 09.01.19 (33) US  
(43) 16.07.2020  
(44) 04.01.2024  
(72) WANG, Ye-Kui; HENDRY, Fnu  
(74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
(11) AU-B-2021205564  
(21) 2021205564 (22) 08.01.2021  
(54) Resource allocation method, commu-  
nication apparatus and related device  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
(87) WO2021/139773  
(31) 202010028087.9 (32) 10.01.20 (33) CN  
(43) 15.07.2021  
(44) 04.01.2024  
(72) YANG, Mao; LI, Bo; HU, Mengshi; YU,  
Jian  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) HUBBELL INCORPORATED  
(11) AU-B-2022228554  
(21) 2022228554 (22) 02.03.2022  
(54) INSULATION PIERCING WEDGE  
CONNECTOR  
(51) Int. Cl.  
H01R 4/50 ( 2006.01 )  
H01R 4/00 ( 2006.01 )  
H01R 4/24 ( 2018.01 )  
H01R 4/28 ( 2006.01 )  
H01R 4/44 ( 2006.01 )  
(87) WO2022/187348  
(31) 63/155,431 (32) 02.03.21 (33) US  
(43) 09.09.2022  
(44) 04.01.2024  
(72) CHADBOURNE, Christopher, Gilpin  
(74) Griffith Hack

(71) Husqvarna AB  
(11) AU-B-2020437816  
(21) 2020437816 (22) 20.10.2020  
(54) High efficiency lawn mower blade  
(51) Int. Cl.  
A01D 34/73 ( 2006.01 )  
(87) WO2021/194554  
(31) 62/994,978 (32) 26.03.20 (33) US  
(43) 30.09.2021

(44) 04.01.2024  
(72) SOUTHWELL, John  
(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-B-2018309039  
(21) 2018309039 (22) 02.08.2018  
(54) Child-resistant reclosable bags  
(51) Int. Cl.  
B65D 33/25 ( 2006.01 )  
(87) WO2019/028216  
(31) 62/540,914 (32) 03.08.17 (33) US  
62/548,057 21.08.17 US  
(43) 07.02.2019  
(44) 04.01.2024  
(72) SEPTIEN ROJAS, Jose Manuel  
(74) Davies Collison Cave Pty Ltd

(71) ILONANDRE PTY LTD  
(11) AU-B-2021304541  
(21) 2021304541 (22) 25.03.2021  
(54) Pickup tool assembly  
(51) Int. Cl.  
B25J 15/06 ( 2006.01 )  
E01H 1/14 ( 2006.01 )  
(87) WO2022/006615  
(31) 2020902325 (32) 07.07.20 (33) AU  
(43) 13.01.2022  
(44) 04.01.2024  
(72) TURNER, Vaun  
(74) Vaun Turner

(71) Immune System Key Ltd.  
(11) AU-B-2017214850  
(21) 2017214850 (22) 02.02.2017  
(54) Endoplasmic reticulum stress as a  
predictive tool in cancer therapy and a  
combination therapy for the treatment  
of cancer  
(51) Int. Cl.  
G01N 33/53 ( 2006.01 )  
A61K 38/10 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C12Q 1/68 ( 2006.01 )  
(87) WO2017/134668  
(31) 62/291,190 (32) 04.02.16 (33) US  
(43) 10.08.2017  
(44) 04.01.2024  
(72) Devary, Yoram; Sandler, Uziel  
(74) FPA Patent Attorneys Pty Ltd

Institució Catalana de Recerca i Estudis  
Avançats see Fundació Institut de  
Ciències Fotòniques  
(21) 2017441379

(71) INSTITUTE OF MICROBIOLOGY,  
CHINESE ACADEMY OF SCIENCES  
(11) AU-B-2021351815  
(21) 2021351815 (22) 29.09.2021  
(54) SCREENING AND ANTITUMOR USE  
OF KRAS MUTATION SPECIFIC T  
CELL RECEPTOR  
(51) Int. Cl.  
C07K 14/725 ( 2006.01 )

Applications Accepted - Name Index cont'd

**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/867** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2022/068850  
**(31)** 202011047695.0 **(32)** 29.09.20 **(33)** CN  
**(43)** 07.04.2022  
**(44)** 04.01.2024  
**(72)** GAO, Fu; TAN, Shuguang; LU, Dan  
**(74)** Spruson & Ferguson

**(71)** Intarcia Therapeutics, Inc.  
**(11)** AU-B-2021269322  
**(21)** 2021269322 **(22)** 16.11.2021  
**(54)** Glucagon-receptor selective polypeptides and methods of use thereof  
**(51)** Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**(43)** 09.12.2021  
**(44)** 04.01.2024  
**(62)** 2020201358  
**(72)** BLACKWELL, William; SRIVASTAVA, Ved P.; PAULIK, Mark A.; YOUNG, Andrew  
**(74)** FB Rice Pty Ltd

**(71)** Integrated Research Associates, LLC  
**(11)** AU-B-2017254565  
**(21)** 2017254565 **(22)** 19.04.2017  
**(54)** Improved method for producing virus like particles  
**(51)** Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**C12N 15/40** ( 2006.01 )  
**C12N 15/57** ( 2006.01 )  
**(87)** WO2017/184696  
**(31)** 62/326,129 **(32)** 22.04.16 **(33)** US  
**(43)** 26.10.2017  
**(44)** 04.01.2024  
**(72)** Cardosa, Mary Jane; Bossart, Katharine  
**(74)** FB Rice Pty Ltd

**(71)** InterDigital Patent Holdings, Inc.  
**(11)** AU-B-2022201239  
**(21)** 2022201239 **(22)** 23.02.2022  
**(54)** Network initiated on-demand zero-energy paging method and apparatus  
**(51)** Int. Cl.  
**H04W 52/02** ( 2009.01 )  
**(43)** 17.03.2022  
**(44)** 04.01.2024  
**(62)** 2018375768  
**(72)** HAQUE, Tanbir; PRAGADA, Ravikumar V.; BALASUBRAMANIAN, Anantharaman; DEMIR, Alpaslan  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2020364386  
**(21)** 2020364386 **(22)** 29.09.2020

**(54)** Rare topic detection using hierarchical clustering  
**(51)** Int. Cl.  
**G06F 40/10** ( 2020.01 )  
**(87)** WO2021/070005  
**(31)** 16/596,399 **(32)** 08.10.19 **(33)** US  
**(43)** 15.04.2021  
**(44)** 04.01.2024  
**(72)** GANTI, Raghu Kiran; SRIVATSA, Mudhakar; SRIRANGAMSRIDHARAN, Shreeranjani; LIM, Yeon-sup; AGRAWAL, Dakshi  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2020389368  
**(21)** 2020389368 **(22)** 23.10.2020  
**(54)** MRAM integration into MOL for fast 1T1M cells  
**(51)** Int. Cl.  
**G11C 11/16** ( 2006.01 )  
**(87)** WO2021/099861  
**(31)** 16/690,675 **(32)** 21.11.19 **(33)** US  
**(43)** 27.05.2021  
**(44)** 04.01.2024  
**(72)** REZNICEK, Alexander; RIZZOLO, Michael; XIE, Ruilong  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021238956  
**(21)** 2021238956 **(22)** 19.01.2021  
**(54)** Adjusting performance of computing system  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**(87)** WO2021/186253  
**(31)** 16/821,171 **(32)** 17.03.20 **(33)** US  
**(43)** 23.09.2021  
**(44)** 04.01.2024  
**(72)** TOMIC, Sasa; NAGY, Zoltan; PARDON, Niels  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021246978  
**(21)** 2021246978 **(22)** 11.02.2021  
**(54)** Multi-level cache-mesh-system for multi-tenant serverless environments  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**(87)** WO2021/198803  
**(31)** 16/834,754 **(32)** 30.03.20 **(33)** US  
**(43)** 07.10.2021  
**(44)** 04.01.2024  
**(72)** STERBLING, Sven; HABERMANN, Christian; VITTAL, Sachin Lingadahalli  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021263793  
**(21)** 2021263793 **(22)** 19.04.2021

**(54)** Efficient quantum adaptive execution method for quantum circuits  
**(51)** Int. Cl.  
**G06N 3/10** ( 2006.01 )  
**G06F 8/41** ( 2018.01 )  
**G06F 9/44** ( 2018.01 )  
**G06N 10/00** ( 2019.01 )  
**(87)** WO2021/219408  
**(31)** 16/860,644 **(32)** 28.04.20 **(33)** US  
**(43)** 04.11.2021  
**(44)** 04.01.2024  
**(72)** GAMBETTA, Jay; FARO SERTAGE, Ismael; MARTIN FERNANDEZ, Francisco  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021266891  
**(21)** 2021266891 **(22)** 27.04.2021  
**(54)** Fencing non-responding ports in a network fabric  
**(51)** Int. Cl.  
**G06F 11/07** ( 2006.01 )  
**G06F 9/48** ( 2006.01 )  
**G06F 11/14** ( 2006.01 )  
**(87)** WO2021/224717  
**(31)** 16/870,598 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(44)** 04.01.2024  
**(72)** GAVRILOV, Constantine; KOREN, Eli  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021271205  
**(21)** 2021271205 **(22)** 05.05.2021  
**(54)** Prediction of performance degradation with non-linear characteristics  
**(51)** Int. Cl.  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2021/229371  
**(31)** 16/871,359 **(32)** 11.05.20 **(33)** US  
**(43)** 18.11.2021  
**(44)** 04.01.2024  
**(72)** KORDJAZI, Neda; SALIU, Moshood Omolade  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2021273375  
**(21)** 2021273375 **(22)** 10.05.2021  
**(54)** Cross-network identity provisioning  
**(51)** Int. Cl.  
**G06F 21/64** ( 2013.01 )  
**(87)** WO2021/229404  
**(31)** 15/930,515 **(32)** 13.05.20 **(33)** US  
**(43)** 18.11.2021  
**(44)** 04.01.2024  
**(72)** NOVOTNY, Petr; OLSON, Timothy; RAMAKRISHNA, Venkatraman; GAUR, Nitin  
**(74)** Spruson & Ferguson



Applications Accepted - Name Index cont'd

(71) International Business Machines Corporation  
 (11) AU-B-2021288002  
 (21) 2021288002 (22) 25.05.2021  
 (54) Mode-selective couplers for frequency collision reduction  
 (51) Int. Cl.  
**G06N 10/00** ( 2019.01 )  
 (87) WO2021/249758  
 (31) 16/895,677 (32) 08.06.20 (33) US  
 (43) 16.12.2021  
 (44) 04.01.2024  
 (72) FINCK, Aaron; BLAIR, John  
 (74) Spruson & Ferguson

(71) International Business Machines Corporation  
 (11) AU-B-2021291150  
 (21) 2021291150 (22) 23.04.2021  
 (54) Fast identification of offense and attack execution in network traffic patterns  
 (51) Int. Cl.  
**G06F 21/55** ( 2013.01 )  
 (87) WO2021/255534  
 (31) 16/904,963 (32) 18.06.20 (33) US  
 (43) 23.12.2021  
 (44) 04.01.2024  
 (72) TACKABURY, Wayne Francis; DOS SANTOS SILVA, Bruno  
 (74) Spruson & Ferguson

(71) International Business Machines Corporation  
 (11) AU-B-2021294837  
 (21) 2021294837 (22) 15.06.2021  
 (54) Tunable quantum coupler facilitating a quantum gate between qubits  
 (51) Int. Cl.  
**G06N 10/00** ( 2022.01 )  
**B82Y 10/00** ( 2011.01 )  
**H10N 60/10** ( 2023.01 )  
**H10N 69/00** ( 2023.01 )  
 (87) WO2021/259711  
 (31) 16/910,286 (32) 24.06.20 (33) US  
 (43) 30.12.2021  
 (44) 04.01.2024  
 (72) STEHLIK, Jiri; UNDERWOOD, Devin; ZAJAC, David; STEFFEN, Matthias  
 (74) Spruson & Ferguson

(71) Intervet International B.V.  
 (11) AU-B-2021250907  
 (21) 2021250907 (22) 13.10.2021  
 (54) Manufacturing of semi-plastic pharmaceutical dosage units  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
 (43) 11.11.2021  
 (44) 04.01.2024  
 (62) 2020201442  
 (72) KLUGER, Dominique; HAULER, Albin; SCHMIDT, Carsten; SCHROECKEN-FUCHS, David; WALDRON, Niki  
 (74) Spruson & Ferguson

(71) Intrabio Limited  
 (11) AU-B-2018351709

(21) 2018351709 (22) 15.02.2018  
 (54) Therapeutic agents for neurodegenerative diseases  
 (51) Int. Cl.  
**A61K 31/13** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
 (87) WO2019/078915  
 (31) 62/574,137 (32) 18.10.17 (33) US  
 (43) 25.04.2019  
 (44) 04.01.2024  
 (72) FACTOR, Mallory  
 (74) Spruson & Ferguson

(71) Intradin (Shanghai) Machinery Co., Ltd.  
 (11) AU-B-2022201474  
 (21) 2022201474 (22) 03.03.2022  
 (54) SCOOTER  
 (51) Int. Cl.  
**B62K 5/025** ( 2013.01 )  
**B62K 5/06** ( 2006.01 )  
**B62K 5/08** ( 2006.01 )  
**B62K 15/00** ( 2006.01 )  
**B62K 21/12** ( 2006.01 )  
**B62K 23/02** ( 2006.01 )  
 (31) 202111049897.3 (32) 08.09.21 (33) CN  
 (43) 23.03.2023  
 (44) 04.01.2024  
 (72) Qiao, Xuetao  
 (74) Madderns Pty Ltd

(71) Ionis Pharmaceuticals, Inc.  
 (11) AU-B-2020241693  
 (21) 2020241693 (22) 13.03.2020  
 (54) Compounds and methods for reducing KCNT1 expression  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61P 25/08** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
 (87) WO2020/190740  
 (31) 62/884,501 (32) 08.08.19 (33) US  
 62/819,344 15.03.19 US  
 (43) 24.09.2020  
 (44) 04.01.2024  
 (72) BUI, Huynh-Hoa; FREIER, Susan M.  
 (74) RnB IP Pty Ltd

(71) Iterchimica S.r.l.  
 (11) AU-B-2018363663  
 (21) 2018363663 (22) 05.11.2018  
 (54) Additive composition for bituminous conglomerates with high mechanical performances  
 (51) Int. Cl.  
**C08L 23/06** ( 2006.01 )  
**C04B 26/00** ( 2006.01 )  
**C08L 23/12** ( 2006.01 )  
**E01C 7/26** ( 2006.01 )  
 (87) WO2019/091915  
 (31) 102017000126622 (32) 07.11.17 (33) IT  
 (43) 16.05.2019  
 (44) 04.01.2024  
 (72) GIANNATTASIO, Federica; CISANI, Sergio; BERTULETTI, Elisa  
 (74) MINTER ELLISON

Jaccoma, E. see Litherland, C.  
 (21) 2018263955

Jaccoma, A. see Litherland, C.  
 (21) 2018263955

(71) Janssen Biotech, Inc.  
 (11) AU-B-2019379858  
 (21) 2019379858 (22) 13.11.2019  
 (54) Control of trace metals during production of anti-CD38 antibodies  
 (51) Int. Cl.  
**C12N 15/13** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
 (87) WO2020/100073  
 (31) 62/760,782 (32) 13.11.18 (33) US  
 (43) 22.05.2020  
 (44) 04.01.2024  
 (72) LARMORE, Nicole; RAMANATHAN, Balasubramanian; YEAGER, Richard  
 (74) Spruson & Ferguson

(71) Janssen Pharmaceuticals, Inc.  
 (11) AU-B-2017347725  
 (21) 2017347725 (22) 03.10.2017  
 (54) Recombinant virus replicon systems and uses thereof  
 (51) Int. Cl.  
**C12N 15/86** ( 2006.01 )  
 (87) WO2018/075235  
 (31) 62/409,228 (32) 17.10.16 (33) US  
 (43) 26.04.2018  
 (44) 04.01.2024  
 (72) Kamrud, Kurt Iver  
 (74) Spruson & Ferguson

(71) Jason Ayoub Pty Limited  
 (11) AU-B-2017364476  
 (21) 2017364476 (22) 23.11.2017  
 (54) Transportation pathway and method of forming same  
 (51) Int. Cl.  
**E01B 25/30** ( 2006.01 )  
**B60L 13/04** ( 2006.01 )  
**B61B 12/08** ( 2006.01 )  
**E01C 9/00** ( 2006.01 )  
**E01C 15/00** ( 2006.01 )  
 (87) WO2018/094467  
 (31) 2016904812 (32) 23.11.16 (33) AU  
 (43) 31.05.2018  
 (44) 04.01.2024  
 (72) Ayoub, Jason  
 (74) Adams Pluck

(71) Jesani Limited  
 (11) AU-B-2021225188  
 (21) 2021225188 (22) 01.09.2021  
 (54) IMPROVEMENTS IN, OR RELATED TO, DRAINAGE  
 (51) Int. Cl.  
**E03F 5/04** ( 2006.01 )  
**A47K 3/28** ( 2006.01 )  
**E03C 1/22** ( 2006.01 )

Applications Accepted - Name Index cont'd

(43) 07.10.2021  
 (44) 04.01.2024  
 (62) 2016303926  
 (72) Hohaia, Grant  
 (74) AJ PARK

(71) JFE Steel Corporation  
 (11) AU-B-2021288876  
 (21) 2021288876 (22) 08.03.2021  
 (54) Hardness prediction method of heat hardened rail, thermal treatment method, hardness prediction device, thermal treatment device, manufacturing method, manufacturing facilities, and generating method of hardness prediction model  
 (51) Int. Cl.  
     **C21D 9/04** ( 2006.01 )  
     **C21D 1/00** ( 2006.01 )  
     **C21D 11/00** ( 2006.01 )  
     **G01N 3/40** ( 2006.01 )  
     **G01N 19/00** ( 2006.01 )  
 (87) WO2021/250957  
 (31) 2020-100895 (32) 10.06.20 (33) JP  
 (43) 16.12.2021  
 (44) 04.01.2024  
 (72) OSUKA, Kenichi; FUKUDA, Hiroyuki; UEOKA, Satoshi  
 (74) Davies Collison Cave Pty Ltd

(71) Jiang, J.  
 (11) AU-B-2023233147  
 (21) 2023233147 (22) 20.06.2023  
 (54) REMOTE SENSING EQUIPMENT TRANSPORTATION AND DEPLOYMENT  
 (51) Int. Cl.  
     **H02S 20/00** ( 2014.01 )  
 (31) 2022901693 (32) 21.06.22 (33) AU  
 (43) 04.01.2024  
 (44) 04.01.2024  
 (72) JIANG, Jun  
 (74) Patentec Patent Attorneys

Jiangsu Topower Tyre Co., Ltd. see Xuzhou College of Industrial Technology  
 (21) 2022260910

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.  
 (21) 2022241631

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.  
 (21) 2022283790

(71) Johnson & Johnson Consumer Inc.  
 (11) AU-B-2022263610  
 (21) 2022263610 (22) 04.11.2022  
 (54) Oral care cleaning system utilizing entrained fluid  
 (51) Int. Cl.  
     **A61C 17/02** ( 2006.01 )  
     **A61C 17/028** ( 2006.01 )  
 (43) 15.12.2022

(44) 04.01.2024  
 (62) 2021202367  
 (72) DORWARD, Brian; FOURRE, Tara; MCDONOUGH, Justin; MIKSA, Davide; SEO, Jin; SHARMA, Deepak  
 (74) Spruson & Ferguson

(71) Johnson Controls Tyco IP Holdings LLP  
 (11) AU-B-2022202972  
 (21) 2022202972 (22) 03.05.2022  
 (54) Tools and methods for real-time data-flow programming language  
 (51) Int. Cl.  
     **G06F 3/048** ( 2013.01 )  
 (43) 26.05.2022  
 (44) 04.01.2024  
 (62) 2017238638  
 (72) Sharma, Abhishek; Lucas, Jason  
 (74) Davies Collison Cave Pty Ltd

(71) Joy Global Underground Mining LLC  
 (11) AU-B-2018383674  
 (21) 2018383674 (22) 13.12.2018  
 (54) Support for drilling and bolting tool  
 (51) Int. Cl.  
     **B66C 23/42** ( 2006.01 )  
     **E02F 3/38** ( 2006.01 )  
 (87) WO2019/118784  
 (31) 62/598,225 (32) 13.12.17 (33) US  
 (43) 20.06.2019  
 (44) 04.01.2024  
 (72) HANNA, Peter; TYLER, Callum; NEILSON, Brad  
 (74) Griffith Hack

(71) JRSK, Inc.  
 (11) AU-B-2018321896  
 (21) 2018321896 (22) 23.08.2018  
 (54) Luggage system employing a telescopically-extendable handle and battery power supply assembly equipped with a semi-automatic battery power module ejection mechanism  
 (51) Int. Cl.  
     **A45C 13/00** ( 2006.01 )  
     **A45C 5/06** ( 2006.01 )  
     **H02J 7/00** ( 2006.01 )  
 (87) WO2019/040745  
 (31) 15/684,077 (32) 23.08.17 (33) US  
     15/902,825 22.02.18 US  
 (43) 28.02.2019  
 (44) 04.01.2024  
 (72) KOREY, Stephanie; RUBIO, Jennifer  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Just-Evotec Biologics, Inc.  
 (11) AU-B-2020403134  
 (21) 2020403134 (22) 11.12.2020  
 (54) Generating protein sequences using machine learning techniques based on template protein sequences  
 (51) Int. Cl.  
     **G16B 20/50** ( 2019.01 )  
     **G16C 20/30** ( 2019.01 )  
     **G16C 20/40** ( 2019.01 )  
     **G16C 20/50** ( 2019.01 )

(71) Just-Evotec Biologics, Inc.  
 (11) AU-B-2020403134  
 (21) 2020403134 (22) 11.12.2020  
 (54) Generating protein sequences using machine learning techniques based on template protein sequences  
 (51) Int. Cl.  
     **G16B 20/50** ( 2019.01 )  
     **G16C 20/30** ( 2019.01 )  
     **G16C 20/40** ( 2019.01 )  
     **G16C 20/50** ( 2019.01 )

**G16C 20/70** ( 2019.01 )  
**G16C 20/90** ( 2019.01 )  
**G16C 60/00** ( 2019.01 )  
 (87) WO2021/119472  
 (31) 62/947,430 (32) 12.12.19 (33) US  
 (43) 17.06.2021  
 (44) 04.01.2024  
 (72) SHAVER, Jeremy Martin; AMIMEUR, Tileli; KETCHEM, Randal Robert; TAYLOR, Alex  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation  
 (11) AU-B-2021342943  
 (21) 2021342943 (22) 14.09.2021  
 (54) Information processing apparatus and system  
 (51) Int. Cl.  
     **G06V 30/12** ( 2022.01 )  
 (87) WO2022/059675  
 (31) 2020-157632 (32) 18.09.20 (33) JP  
 (43) 24.03.2022  
 (44) 04.01.2024  
 (72) ASAH, Kazutaka; SAKAI, Hiroyuki  
 (74) FB Rice Pty Ltd

(71) Kalverkamp Innovation GmbH  
 (11) AU-B-2018311197  
 (21) 2018311197 (22) 31.07.2018  
 (54) Self-propelled machine  
 (51) Int. Cl.  
     **A01B 51/02** ( 2006.01 )  
 (87) WO2019/025466  
 (31) 20 2018 104 162.2 (32) 19.07.18 (33) DE  
     10 2017 007 265.5 01.08.17 DE  
 (43) 07.02.2019  
 (44) 04.01.2024  
 (72) KALVERKAMP, Felix; KALVERKAMP, Klemens  
 (74) Griffith Hack

(71) Kamstrup A/S  
 (11) AU-B-2022202341  
 (21) 2022202341 (22) 07.04.2022  
 (54) SYSTEM AND METHOD FOR ACOUSTIC LEAKAGE DETECTION BY USE OF AN ULTRASONIC FLOW METER  
 (51) Int. Cl.  
     **G01F 1/66** ( 2022.01 )  
 (31) 21171613.9 (32) 30.04.21 (33) EP  
 (43) 17.11.2022  
 (44) 04.01.2024  
 (72) Kristensen, Mick Althoff; Dupont, Sune Hoveroust  
 (74) Madderns Pty Ltd

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2017430148  
 (21) 2017430148 (22) 31.08.2017  
 (54) Container having a push-button activated, pop-open lid  
 (51) Int. Cl.  
     **B65D 43/26** ( 2006.01 )  
     **A47K 10/42** ( 2006.01 )

Applications Accepted - Name Index cont'd

- B65D 45/02* ( 2006.01 )  
*B65D 83/08* ( 2006.01 )
- (87) WO2019/045730  
(43) 07.03.2019  
(44) 04.01.2024  
(72) ROLFS, Bryan, Eliot; GAUGER, Jeremy, Thaddeus; BERGER, Maggie, VanderHeiden; GANTZ, Amanda, Ann; GEHRKE, Heidi, Ellen  
(74) Spruson & Ferguson
- 
- (71) Kimberly-Clark Worldwide, Inc.  
(11) AU-B-2018309736  
(21) 2018309736 (22) 31.07.2018  
(54) Laminated papermaking belt  
(51) Int. Cl.  
*B65G 15/54* ( 2006.01 )  
*B32B 7/04* ( 2019.01 )  
*B65G 15/42* ( 2006.01 )  
*B65H 27/00* ( 2006.01 )  
*D21F 1/80* ( 2006.01 )  
*D21F 7/08* ( 2006.01 )
- (87) WO2019/028052  
(31) 62/538,846 (32) 31.07.17 (33) US  
(43) 07.02.2019  
(44) 04.01.2024  
(72) BURAZIN, Mark Alan; CARLOW, Geoffrey Fenn; ZANON, Richard Allen  
(74) Spruson & Ferguson
- 
- (71) Kimberly-Clark Worldwide, Inc.  
(11) AU-B-2018339565  
(21) 2018339565 (22) 27.09.2018  
(54) Woven papermaking fabric having machine and cross-machine oriented topography  
(51) Int. Cl.  
*D03D 13/00* ( 2006.01 )  
*D21F 1/00* ( 2006.01 )  
*D21F 5/18* ( 2006.01 )  
*D21F 7/08* ( 2006.01 )
- (87) WO2019/067690  
(31) 62/565,625 (32) 29.09.17 (33) US  
(43) 04.04.2019  
(44) 04.01.2024  
(72) COLLINS, Lynda Ellen; BURAZIN, Mark Alan  
(74) Spruson & Ferguson
- 
- (71) Knauf Gips KG  
(11) AU-B-2018319030  
(21) 2018319030 (22) 07.08.2018  
(54) Modular system for creating a structure, module connector and structure comprising a modular system  
(51) Int. Cl.  
*E04B 1/348* ( 2006.01 )  
*E04B 9/06* ( 2006.01 )  
*E04C 3/07* ( 2006.01 )  
*E04B 1/24* ( 2006.01 )  
*E04C 3/04* ( 2006.01 )
- (87) WO2019/034279  
(31) PCT/EP2017/000997 (32) 18.08.17 (33) EP  
(43) 21.02.2019  
(44) 04.01.2024  
(72) BINDER, Joachim  
(74) FB Rice Pty Ltd
- 
- (71) KOENIG & BAUER BANKNOTE SOLUTIONS SA  
(11) AU-B-2021402665  
(21) 2021402665 (22) 14.12.2021  
(54) METHODS FOR DESIGNING AND PRODUCING A SECURITY FEATURE  
(51) Int. Cl.  
*B42D 25/324* ( 2014.01 )  
*B42D 25/342* ( 2014.01 )  
*B42D 25/351* ( 2014.01 )
- (87) WO2022/129032  
(31) 2019780.2 (32) 15.12.20 (33) GB  
(43) 23.06.2022  
(44) 04.01.2024  
(72) STEWART, Robert Laird  
(74) AJ PARK
- 
- (71) Koninklijke Douwe Egberts B.V.  
(11) AU-B-2017380318  
(21) 2017380318 (22) 19.12.2017  
(54) Drainage connector unit and assembly for the drainage of liquid waste of beverage dispensing devices  
(51) Int. Cl.  
*A47J 31/46* ( 2006.01 )  
*A47J 31/44* ( 2006.01 )  
*A47J 31/60* ( 2006.01 )
- (87) WO2018/117824  
(31) 2018027 (32) 20.12.16 (33) NL  
(43) 28.06.2018  
(44) 04.01.2024  
(72) Zandvliet, Nicolaas Wilhelmus; Standaar, Koen; Dees, Hendrik Johan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Kremeyer, K.  
(11) AU-B-2021258096  
(21) 2021258096 (22) 29.10.2021  
(54) Directed energy deposition to facilitate high speed applications  
(51) Int. Cl.  
*D03D 47/30* ( 2006.01 )  
*D03D 47/27* ( 2006.01 )  
*D03D 47/28* ( 2006.01 )
- (43) 25.11.2021  
(44) 04.01.2024  
(62) 2016279129  
(72) Kremeyer, Kevin  
(74) FB Rice Pty Ltd
- 
- (71) Kunming University of Science and Technology  
(11) AU-B-2023226710  
(21) 2023226710 (22) 07.09.2023  
(54) Surface Pre-Treatment of Silicate Type Copper Oxide Ore Xanthate Flotation Method  
(51) Int. Cl.  
*B03B 7/00* ( 2006.01 )  
*B03D 1/018* ( 2006.01 )  
*C22B 1/00* ( 2006.01 )  
*C22B 3/00* ( 2006.01 )  
*C22B 15/00* ( 2006.01 )
- (31) 202211170447.4 (32) 26.09.22 (33) CN  
(43) 04.01.2024
- 
- (44) 04.01.2024  
(72) LIU, Dianwen; PENG, Rong; SHEN, Peilun; WANG, Haoxiang; FANG, Jianjun; CAI, Jinpeng; SU, Chao; ZHENG, Qifang; PEI, Bin; XIE, Zhao  
(74) Arceo IP
- 
- (71) Kyocera Corporation  
(11) AU-B-2021206955  
(21) 2021206955 (22) 12.01.2021  
(54) Method for producing artificial joint sliding member, artificial joint sliding member, and artificial joint  
(51) Int. Cl.  
*A61L 27/34* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
*A61L 27/04* ( 2006.01 )  
*A61L 27/10* ( 2006.01 )  
*A61L 27/14* ( 2006.01 )  
*A61L 27/16* ( 2006.01 )  
*A61L 27/18* ( 2006.01 )  
*A61L 27/32* ( 2006.01 )  
*A61L 27/36* ( 2006.01 )  
*A61L 27/50* ( 2006.01 )
- (87) WO2021/145298  
(31) 2020-005371 (32) 16.01.20 (33) JP  
(43) 22.07.2021  
(44) 04.01.2024  
(72) YAMANE, Shihori; KYOMOTO, Masayuki; NOGUCHI, Aya; MASHIKO, Takako  
(74) FB Rice Pty Ltd
- 
- (71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude  
(11) AU-B-2018350939  
(21) 2018350939 (22) 09.08.2018  
(54) Compression device and method  
(51) Int. Cl.  
*F04D 17/12* ( 2006.01 )  
*F04D 25/06* ( 2006.01 )  
*F04D 29/58* ( 2006.01 )
- (87) WO2019/077213  
(31) 1701075 (32) 16.10.17 (33) FR  
(43) 25.04.2019  
(44) 04.01.2024  
(72) DURAND, Fabien  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Laitram, L.L.C.  
(11) AU-B-2018331269  
(21) 2018331269 (22) 30.08.2018  
(54) Monorail tray conveyor with passive guide rails  
(51) Int. Cl.  
*B65G 54/02* ( 2006.01 )
- (87) WO2019/055227  
(31) 62/558,055 (32) 13.09.17 (33) US  
(43) 21.03.2019  
(44) 04.01.2024  
(72) GUERNSEY, Kevin W.; RAGAN, Bryant G.  
(74) Spruson & Ferguson
- 
- (71) Lam, T.T.  
(11) AU-B-2023219862  
(21) 2023219862 (22) 23.08.2023

Applications Accepted - Name Index cont'd

(54) SPHERE BASED WAVE ENERGY SYSTEM  
 (51) Int. Cl.  
*F03B 13/20* ( 2006.01 )  
 (31) 2023900669 (32) 13.03.23 (33) AU  
 (43) 04.01.2024  
 (44) 04.01.2024  
 (72) Lam, Thanh Tri  
 (74) Thanh Tri Lam

(71) Lamle, S.  
 (11) AU-B-2019460131  
 (21) 2019460131 (22) 24.09.2019  
 (54) Intuition gambling game system and method  
 (51) Int. Cl.  
*A63F 1/00* ( 2006.01 )  
 (87) WO2021/025714  
 (31) 62/883,150 (32) 06.08.19 (33) US  
 (43) 11.02.2021  
 (44) 04.01.2024  
 (72) LAMLE, Stewart  
 (74) Adrian M Trioli Patent and Trade Mark Attorney

(71) Leng, L.  
 (11) AU-B-2018325090  
 (21) 2018325090 (22) 27.08.2018  
 (54) Composite structural board  
 (51) Int. Cl.  
*A47B 13/02* ( 2006.01 )  
 (87) WO2019/042242  
 (31) 201820466880.5 (32) 03.04.18 (33) CN  
 201820467034.5 03.04.18 CN  
 201710766295.7 30.08.17 CN  
 201820480545.0 03.04.18 CN  
 201820472588.4 03.04.18 CN  
 201820465365.5 03.04.18 CN  
 201820466837.9 03.04.18 CN  
 (43) 07.03.2019  
 (44) 04.01.2024  
 (72) LENG, Luhao  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) LG Chem, Ltd.  
 (11) AU-B-2020414202  
 (21) 2020414202 (22) 22.12.2020  
 (54) Novel amino aryl derivative useful as diacylglycerol acyltransferase 2 inhibitor and use thereof  
 (51) Int. Cl.  
*C07D 417/14* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
 (87) WO2021/133035  
 (31) 10-2019-0173487 (32) 23.12.19 (33) KR  
 (43) 01.07.2021  
 (44) 04.01.2024  
 (72) YOON, Seung Hyun; JOO, Hyun Woo; SEO, Bo Kyung; LEE, Eun Jin; JUNG, Jin Young; YOON, Su Young; CHO, Woo Young  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2020289124  
 (21) 2020289124 (22) 12.05.2020  
 (54) Cleaner  
 (51) Int. Cl.  
*A47L 9/16* ( 2006.01 )  
*A47L 9/10* ( 2006.01 )  
*A47L 9/20* ( 2006.01 )  
 (87) WO2020/246720  
 (31) 10-2019-0066898 (32) 05.06.19 (33) KR  
 10-2019-0078915 01.07.19 KR  
 (43) 10.12.2020  
 (44) 04.01.2024  
 (72) EO, Soohan; KO, Moohyun; SHIN, Jinhyouk; KIM, Sungjun  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2020376712  
 (21) 2020376712 (22) 02.11.2020  
 (54) Transform-based method for coding image, and device therefor  
 (51) Int. Cl.  
*H04N 19/60* ( 2014.01 )  
*H04N 19/119* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/137* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/18* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
 (87) WO2021/086152  
 (31) 62/929,762 (32) 01.11.19 (33) US  
 (43) 06.05.2021  
 (44) 04.01.2024  
 (72) KOO, Moonmo; KIM, Seunghwan; LIM, Jaehyun  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2020398114  
 (21) 2020398114 (22) 02.06.2020  
 (54) Vacuum cleaner  
 (51) Int. Cl.  
*A47L 9/04* ( 2006.01 )  
*A46B 13/00* ( 2006.01 )  
 (87) WO2021/112354  
 (31) 10-2019-0159191 (32) 03.12.19 (33) KR  
 (43) 10.06.2021  
 (44) 04.01.2024  
 (72) HWANG, Phil Jae; RYU, Chung Jae; KIM, Chi Wan; LEE, Gyoung Min; PARK, Yun Bo  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2020406821  
 (21) 2020406821 (22) 16.12.2020  
 (54) Laundry device  
 (51) Int. Cl.  
*D06F 37/22* ( 2006.01 )  
*D06F 37/10* ( 2006.01 )  
*D06F 37/28* ( 2006.01 )  
*D06F 39/14* ( 2006.01 )  
 (87) WO2021/125776  
 (31) 10-2019-0167512 (32) 16.12.19 (33) KR  
 (43) 24.06.2021

(44) 04.01.2024  
 (72) KIM, Sungmin; KIM, Jinwoong; SIM, Hyoungmin  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2020409825  
 (21) 2020409825 (22) 16.12.2020  
 (54) Laundry device  
 (51) Int. Cl.  
*D06F 37/22* ( 2006.01 )  
*D06F 37/10* ( 2006.01 )  
*D06F 37/28* ( 2006.01 )  
*D06F 39/14* ( 2006.01 )  
 (87) WO2021/125773  
 (31) 10-2019-0167511 (32) 16.12.19 (33) KR  
 (43) 24.06.2021  
 (44) 04.01.2024  
 (72) KIM, Sungmin; SIM, Hyoungmin  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2021245110  
 (21) 2021245110 (22) 05.10.2021  
 (54) LAUNDRY TREATMENT APPARATUS AND METHOD OF CONTROLLING THE SAME  
 (51) Int. Cl.  
*D06F 34/00* ( 2020.01 )  
*D06F 33/30* ( 2020.01 )  
*D06F 39/04* ( 2006.01 )  
*D06F 58/26* ( 2006.01 )  
 (43) 28.10.2021  
 (44) 04.01.2024  
 (62) 2018312763  
 (72) JANG, Jaehyuk; HONG, Sangwook; NOH, Hyunwoo; KIM, Changoh; KIM, Woo Re  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2021277056  
 (21) 2021277056 (22) 27.01.2021  
 (54) Electric motor, cleaner having same and electric motor manufacturing method  
 (51) Int. Cl.  
*H02K 1/16* ( 2006.01 )  
*A47L 9/22* ( 2006.01 )  
*H02K 1/27* ( 2006.01 )  
*H02K 3/34* ( 2006.01 )  
*H02K 5/173* ( 2006.01 )  
*H02K 7/00* ( 2006.01 )  
*H02K 7/14* ( 2006.01 )  
 (87) WO2021/235647  
 (31) 10-2020-0061167 (32) 21.05.20 (33) KR  
 (43) 25.11.2021  
 (44) 04.01.2024  
 (72) JANG, Kwangyong; KIM, Yongdae; HONG, Jin  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
 (11) AU-B-2022279488

Applications Accepted - Name Index cont'd

(21) 2022279488 (22) 01.12.2022  
 (54) Intra-prediction method, and encoder and decoder using same  
 (51) Int. Cl.  
*H04N 19/105* ( 2014.01 )  
*H04N 19/10* ( 2014.01 )  
*H04N 19/11* ( 2014.01 )  
 (43) 02.02.2023  
 (44) 04.01.2024  
 (62) 2021204343  
 (72) Park, Joonyoung; Park, Seungwook; Lim, Jaehyun; Kim, Jungsun; Choi, Younghee; Jeon, Byeongmoon; Jeon, Yongjoon  
 (74) Davies Collison Cave Pty Ltd

---

(71) LG Electronics Inc.  
 (11) AU-B-2023202899  
 (21) 2023202899 (22) 09.05.2023  
 (54) Method and device for entropy encoding, decoding video signal  
 (51) Int. Cl.  
*H04N 19/129* ( 2014.01 )  
*H04N 19/13* ( 2014.01 )  
*H04N 19/18* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
 (43) 25.05.2023  
 (44) 04.01.2024  
 (62) 2021221878  
 (72) Koo, Moonmo; Kim, Seunghwan  
 (74) Dentons Patent Attorneys Australasia Limited

---

(71) LIDA Plant Research S.L.; OAT Agrico, Ltd.  
 (11) AU-B-2019256753  
 (21) 2019256753 (22) 17.04.2019  
 (54) Synergistic mixture of plant defense inducers  
 (51) Int. Cl.  
*A01N 37/40* ( 2006.01 )  
*A01N 43/16* ( 2006.01 )  
*A01N 61/00* ( 2006.01 )  
*A01N 63/10* ( 2020.01 )  
*A01N 65/00* ( 2009.01 )  
*A01P 21/00* ( 2006.01 )  
 (87) WO2019/202050  
 (31) 18382265.9 (32) 19.04.18 (33) EP  
 (43) 24.10.2019  
 (44) 04.01.2024  
 (72) CASTILLO LÓPEZ, José Ignacio; SÁNCHEZ DELGADO, Noelia; KIMURA, Sachi  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

---

(71) Litherland, C.; Jaccoma, E.; Jaccoma, A.  
 (11) AU-B-2018263955  
 (21) 2018263955 (22) 07.05.2018  
 (54) Devices and methods for treating eyelids  
 (51) Int. Cl.  
*A61F 9/00* ( 2006.01 )  
 (87) WO2018/204903  
 (31) 62/572,307 (32) 13.10.17 (33) US  
 62/502,081 05.05.17 US  
 (43) 08.11.2018

(44) 04.01.2024  
 (72) Litherland, Craig; Jaccoma, Edward; Jaccoma, Andrew  
 (74) AJ PARK

---

(71) Luchak, P.  
 (11) AU-B-2018250498  
 (21) 2018250498 (22) 19.10.2018  
 (54) Beverage container insulator  
 (51) Int. Cl.  
*B65D 81/38* ( 2006.01 )  
 (31) 62/582,087 (32) 06.11.17 (33) US  
 15/975,215 09.05.18 US  
 16/158,617 12.10.18 US  
 (43) 23.05.2019  
 (44) 04.01.2024  
 (72) Luchak, Peter W.  
 (74) Spruson & Ferguson

---

Ludwig Institute for Cancer Research Ltd.  
 see Agenus Inc.  
 (21) 2016364889

---

(71) Mallinckrodt Hospital Products IP Limited  
 (11) AU-B-2022200379  
 (21) 2022200379 (22) 20.01.2022  
 (54) System and method of administering a pharmaceutical gas to a patient  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
 (43) 17.02.2022  
 (44) 04.01.2024  
 (62) 2020202875  
 (72) Montgomery, Frederick J.; Bathe, Duncan P.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.  
 (11) AU-B-2018269547  
 (21) 2018269547 (22) 17.05.2018  
 (54) Self-actuating articles  
 (51) Int. Cl.  
*A61M 5/32* ( 2006.01 )  
*A61M 5/20* ( 2006.01 )  
 (87) WO2018/213579  
 (31) 62/507,665 (32) 17.05.17 (33) US  
 62/507,653 17.05.17 US  
 62/507,647 17.05.17 US  
 (43) 22.11.2018  
 (44) 04.01.2024  
 (72) Traverso, Carlo Giovanni; Abramson, Alex G.; Caffarel Salvador, Ester; Roxhed, Niclas; Khang, Minsoo; Benschel, Taylor; Langer, Robert S.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Medos International Sarl  
 (11) AU-B-2018220042  
 (21) 2018220042 (22) 22.08.2018  
 (54) DEVICES AND METHODS FOR TISSUE REPAIR  
 (51) Int. Cl.

*A61B 17/04* ( 2006.01 )  
*A61F 2/08* ( 2006.01 )  
 (31) 15/692,720 (32) 31.08.17 (33) US  
 (43) 14.03.2019  
 (44) 04.01.2024  
 (72) Orphanos, Stephen; Aarsvold, Kirsten H.; Otrando, Brian  
 (74) Spruson & Ferguson

---

(71) Meiji Seika Pharma Co.,Ltd.  
 (11) AU-B-2019293572  
 (21) 2019293572 (22) 27.06.2019  
 (54) Crystal of benzoxazole derivative  
 (51) Int. Cl.  
*C07D 487/08* ( 2006.01 )  
*A61K 31/4995* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 17/10* ( 2006.01 )  
*A61P 17/14* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/18* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*A61P 37/08* ( 2006.01 )  
 (87) WO2020/004517  
 (31) 2018-121413 (32) 27.06.18 (33) JP  
 (43) 02.01.2020  
 (44) 04.01.2024  
 (72) KUMURA, Ko; TAMURA, Keiji; WATANABE, Takashi; TAKAHASHI, Michiko  
 (74) WRAYS PTY LTD

---

Memorial Sloan-Kettering Cancer Center  
 see Agenus Inc.  
 (21) 2016364889

---

(71) Metromax America Corporation  
 (11) AU-B-2022235628  
 (21) 2022235628 (22) 23.09.2022  
 (54) GARDEN LIGHT WITH MODULAR DESIGN FOR CONVENIENT PACKAGING AND TRANSPORTATION  
 (51) Int. Cl.  
*B65D 81/36* ( 2006.01 )  
*B65B 25/00* ( 2006.01 )  
*F21S 2/00* ( 2016.01 )  
*F21S 6/00* ( 2006.01 )  
*F21S 9/03* ( 2006.01 )  
 (43) 04.01.2024  
 (44) 04.01.2024  
 (72) HWANG, Christina  
 (74) AJ PARK

---

(71) Metso Outotec Finland Oy  
 (11) AU-B-2018268228  
 (21) 2018268228 (22) 19.04.2018

Applications Accepted - Name Index cont'd

(54) Ultrasonic detection system and method  
 (51) Int. Cl.  
**G01N 29/04** ( 2006.01 )  
**G01N 29/44** ( 2006.01 )  
 (87) WO2018/210525  
 (31) PCT/ (32) 19.05.17 (33) EP  
 EP2017/062131  
 (43) 22.11.2018  
 (44) 04.01.2024  
 (72) Hällevall, Niclas; Jonsson, Cecilia  
 (74) IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

(71) Meyer Intellectual Properties Limited;  
 Cheng, S.; Tarenga, R.  
 (11) AU-B-2021227210  
 (21) 2021227210 (22) 24.02.2021  
 (54) Cookware with metal mesh embedded  
 in the base  
 (51) Int. Cl.  
**A47J 27/00** ( 2006.01 )  
**A47J 36/02** ( 2006.01 )  
**B21D 22/20** ( 2006.01 )  
**B21D 22/30** ( 2006.01 )  
 (87) WO2021/173672  
 (31) 62/980,719 (32) 24.02.20 (33) US  
 (43) 02.09.2021  
 (44) 04.01.2024  
 (72) CHENG, Stanley Kin Sui; TARENGA,  
 Roberto  
 (74) Collison & Co

(71) MGPI Processing, Inc.  
 (11) AU-B-2018251872  
 (21) 2018251872 (22) 12.04.2018  
 (54) L-cysteine-treated proteins with altered  
 functionalities and preparation thereof  
 (51) Int. Cl.  
**A23J 3/04** ( 2006.01 )  
**A23J 3/18** ( 2006.01 )  
 (87) WO2018/191449  
 (31) 62/485,048 (32) 13.04.17 (33) US  
 (43) 18.10.2018  
 (44) 04.01.2024  
 (72) Maningat, Clodualdo C.; Cai, Liming;  
 Gutkowski, Sarah Marie; Buttshaw, Mi-  
 chael  
 (74) FB Rice Pty Ltd

(71) MicroSintesis Inc.  
 (11) AU-B-2022202600  
 (21) 2022202600 (22) 20.04.2022  
 (54) Compositions and methods involving  
 probiotic molecules  
 (51) Int. Cl.  
**C07K 7/06** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/195** ( 2016.01 )  
**A61K 35/741** ( 2015.01 )  
**A61K 38/08** ( 2019.01 )  
**A61K 38/10** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61L 15/44** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61L 29/16** ( 2006.01 )  
**A61L 31/16** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )

**C07K 14/00** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**C07K 14/315** ( 2006.01 )  
**C07K 14/335** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
 (43) 12.05.2022  
 (44) 04.01.2024  
 (62) 2018233588  
 (72) Cella, Monica Angela; Curtis, Sarah M.;  
 Roepke, Jonathon Patrick  
 (74) AJ PARK

(71) Mito Kogyo Co., Ltd.  
 (11) AU-B-2021404004  
 (21) 2021404004 (22) 28.10.2021  
 (54) Oil degradation diagnosis device  
 (51) Int. Cl.  
**G01N 33/30** ( 2006.01 )  
**G01N 21/3577** ( 2014.01 )  
 (87) WO2022/130795  
 (31) 2020-207492 (32) 15.12.20 (33) JP  
 (43) 23.06.2022  
 (44) 04.01.2024  
 (72) ONO, Ichiro  
 (74) Spruson & Ferguson

(71) MITSUBISHI ELECTRIC CORPORA-  
 TION  
 (11) AU-B-2021428990  
 (21) 2021428990 (22) 18.02.2021  
 (54) AIR-CONDITIONING DEVICE  
 (51) Int. Cl.  
**F24F 11/88** ( 2018.01 )  
 (87) WO2022/176120  
 (43) 25.08.2022  
 (44) 04.01.2024  
 (72) UMEHARA, Shigeo  
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Tanabe Pharma Corporation  
 (11) AU-B-2019311595  
 (21) 2019311595 (22) 26.07.2019  
 (54) Novel 3, 5-disubstituted pyridine and 3,  
 5-disubstituted pyridazine derivatives  
 and pharmaceutical use of same  
 (51) Int. Cl.  
**C07D 213/65** ( 2006.01 )  
**A61K 31/4418** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/50** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/538** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 13/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 27/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 237/08** ( 2006.01 )  
**C07D 237/14** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )

**C07D 413/04** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
 (87) WO2020/022470  
 (31) 2018-141254 (32) 27.07.18 (33) JP  
 (43) 30.01.2020  
 (44) 04.01.2024  
 (72) TAKAHASHI, Taichi; TAKAMATSU,  
 Hisayuki; IJIMA, Daisuke; TAKEDA,  
 Shuzo  
 (74) Griffith Hack

Miyashita, M. see Tatsumura Hillyer, K.  
 (21) 2018249513

(71) Molecular Partners AG  
 (11) AU-B-2021286418  
 (21) 2021286418 (22) 17.12.2021  
 (54) Designed ankyrin repeat domains with  
 binding specificity for serum albumin  
 (51) Int. Cl.  
**C07K 14/475** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/765** ( 2006.01 )  
**C07K 16/22** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )

(43) 20.01.2022  
 (44) 04.01.2024  
 (62) 2020201264  
 (72) BAKKER, Talitha; STUMPP, Michael  
 T.; BINZ, Hans Kaspar; PHILLIPS,  
 Douglas; DOLADO, Ignacio; FORRER,  
 Patrik; MERZ, Frieder W.; SONDE-  
 REGGER, Ivo; STEINER, Daniel; GU-  
 LOTTI-GEORGIEVA, Maya; ABRAM  
 SALIBA, Johan  
 (74) Griffith Hack

(71) Molecular Templates, Inc.  
 (11) AU-B-2022287636  
 (21) 2022287636 (22) 15.12.2022  
 (54) MHC class I epitope delivering poly-  
 peptides  
 (51) Int. Cl.  
**C07K 14/245** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**C07K 14/25** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**C12N 15/31** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )

(43) 02.02.2023  
 (44) 04.01.2024  
 (62) 2021200390  
 (72) Poma, Eric; Willert, Erin  
 (74) FPA Patent Attorneys Pty Ltd

(71) MorphoSys AG  
 (11) AU-B-2022202800  
 (21) 2022202800 (22) 28.04.2022  
 (54) Combinations and uses thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
 (43) 19.05.2022

Applications Accepted - Name Index cont'd

(44) 04.01.2024  
 (62) 2016311136  
 (72) ENDELL, Jan; WINDERLICH, Mark;  
 BOXHAMMER, Rainer  
 (74) Spruson & Ferguson

(71) Multipouch Pty Ltd  
 (11) AU-B-2021209346  
 (21) 2021209346 (22) 30.07.2021  
 (54) Packaging for Mixture Components  
 (51) Int. Cl.  
 B65D 81/32 ( 2006.01 )  
 B65D 33/25 ( 2006.01 )

(43) 26.08.2021  
 (44) 04.01.2024  
 (62) 2016281186  
 (72) SEGARAM, STEVE  
 (74) Griffith Hack

(71) MUREVA PHOTOTHERAPY INC.  
 (11) AU-B-2022208364  
 (21) 2022208364 (22) 14.01.2022  
 (54) INTRAORAL PHOTOTHERAPY  
 DEVICE  
 (51) Int. Cl.

A61N 5/06 ( 2006.01 )  
 (87) WO2022/155393  
 (31) 17/150,304 (32) 15.01.21 (33) US  
 (43) 21.07.2022  
 (44) 04.01.2024  
 (72) KOTHARI, Vedang; OJA, Jordan W.;  
 LAZZARA, Jason D.; SHELNUTT,  
 Samuel J.  
 (74) DAVIS IP PTY LTD

(71) Musculoskeletal Transplant Foundation  
 (11) AU-B-2020267589  
 (21) 2020267589 (22) 08.05.2020  
 (54) Tissue derived porous matrices and  
 methods for making and using same  
 (51) Int. Cl.

A61L 15/40 ( 2006.01 )  
 A61L 15/42 ( 2006.01 )  
 A61L 15/44 ( 2006.01 )  
 A61L 15/64 ( 2006.01 )  
 (87) WO2020/227601  
 (31) 62/845,015 (32) 08.05.19 (33) US  
 (43) 12.11.2020  
 (44) 04.01.2024  
 (72) NICHOLS, Christopher M.; PHIPPS,  
 Abigail; MADANS, Andrew; WU, Kevin;  
 CHNARI, Evangelia  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Myota, Inc.  
 (11) AU-B-2022263473  
 (21) 2022263473 (22) 31.10.2022  
 (54) Method And System For Distributed  
 Data Storage With Enhanced Security,  
 Resilience, And Control  
 (51) Int. Cl.  
 G06F 16/16 ( 2019.01 )  
 G06F 15/16 ( 2006.01 )  
 G06F 16/17 ( 2019.01 )  
 G06F 16/174 ( 2019.01 )  
 G06F 16/178 ( 2019.01 )

G06F 16/182 ( 2019.01 )  
 G06F 21/60 ( 2013.01 )  
 G06F 21/62 ( 2013.01 )  
 H04L 9/06 ( 2006.01 )  
 H04L 9/08 ( 2006.01 )

(43) 08.12.2022  
 (44) 04.01.2024  
 (62) 2020279052  
 (72) CHUNG, Jaeyoon  
 (74) WRAYS PTY LTD

(71) Neuboron Therapy System Ltd.  
 (11) AU-B-2020410694  
 (21) 2020410694 (22) 02.11.2020  
 (54) Radiation irradiation system  
 (51) Int. Cl.  
 A61B 6/04 ( 2006.01 )  
 A61N 5/10 ( 2006.01 )  
 (87) WO2021/129158  
 (31) 201911343833.7 (32) 24.12.19 (33) CN  
 (43) 01.07.2021  
 (44) 04.01.2024  
 (72) GONG, Qiu-ping; CHEN, Wei-lin  
 (74) Madderns Pty Ltd

(71) Nextivity, Inc.  
 (11) AU-B-2022200395  
 (21) 2022200395 (22) 21.01.2022  
 (54) SYSTEM AND METHOD FOR AS-  
 SIGNING FREQUENCY RESOURCES  
 IN A THREE-HOP REPEATER  
 (51) Int. Cl.  
 H04W 72/04 ( 2009.01 )  
 H04W 72/541 ( 2023.01 )  
 (43) 17.02.2022  
 (44) 04.01.2024  
 (62) 2019284007  
 (72) Lotter, Michiel Petrus  
 (74) Phillips Ormonde Fitzpatrick

(71) Nomad Tackle Pty Ltd  
 (11) AU-B-2017354932  
 (21) 2017354932 (22) 28.06.2017  
 (54) Fishing lure  
 (51) Int. Cl.  
 A01K 85/16 ( 2006.01 )  
 A01K 91/04 ( 2006.01 )  
 (87) WO2018/081852  
 (31) PCT/  
 AU2016/051057 (32) 04.11.16 (33) AU  
 (43) 11.05.2018  
 (44) 04.01.2024  
 (72) Olsen, Damon Andrew  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Novomedix, LLC  
 (11) AU-B-2017356926  
 (21) 2017356926 (22) 08.11.2017  
 (54) Nitrite salts of 1, 1-dimethylbiguan-  
 ide, pharmaceutical compositions, and  
 methods of use  
 (51) Int. Cl.  
 A61K 31/155 ( 2006.01 )  
 A61K 33/02 ( 2006.01 )  
 A61P 3/10 ( 2006.01 )  
 (87) WO2018/089427

(31) 62/419,892 (32) 09.11.16 (33) US  
 (43) 17.05.2018  
 (44) 04.01.2024  
 (72) Fung, Leah M.; Chan, Kyle W. H.; Sulli-  
 van, Robert W.; Swindlehurst, Cathy A.  
 (74) FB Rice Pty Ltd

(71) NULOK GLOBAL PTY LTD  
 (11) AU-B-2021389166  
 (21) 2021389166 (22) 25.08.2021  
 (54) A SOLAR ROOF STRUCTURE  
 (51) Int. Cl.  
 H02S 20/25 ( 2014.01 )  
 H02G 3/08 ( 2006.01 )  
 H02G 3/12 ( 2006.01 )  
 H02G 3/14 ( 2006.01 )  
 H02S 40/34 ( 2014.01 )  
 (87) WO2022/109654  
 (31) 2020904400 (32) 27.11.20 (33) AU  
 (43) 02.06.2022  
 (44) 04.01.2024  
 (72) STEVENSON, Randal  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-B-2020388091  
 (21) 2020388091 (22) 12.11.2020  
 (54) Plant based upon combined joule-  
 brayton and rankine cycles working with  
 directly coupled reciprocating machines  
 (51) Int. Cl.  
 F01K 23/08 ( 2006.01 )  
 F01K 23/12 ( 2006.01 )  
 F01K 25/10 ( 2006.01 )  
 (87) WO2021/098985  
 (31) 102019000021987 (32) 22.11.19 (33) IT  
 (43) 27.05.2021  
 (44) 04.01.2024  
 (72) NASINI, Ernesto; SANTINI, Marco;  
 BAGAGLI, Riccardo; BELLANTONE,  
 Francesco; CHIESI, Francesco  
 (74) Phillips Ormonde Fitzpatrick

OAT Agrio Co., Ltd. see LIDA Plant Re-  
 search S.L.  
 (21) 2019256753

(71) Observe Technologies Limited  
 (11) AU-B-2018293444  
 (21) 2018293444 (22) 28.06.2018  
 (54) Data collection system and method for  
 feeding aquatic animals  
 (51) Int. Cl.  
 A01K 61/80 ( 2017.01 )  
 (87) WO2019/002880  
 (31) 1710372.2 (32) 28.06.17 (33) GB  
 (43) 03.01.2019  
 (44) 04.01.2024  
 (72) RISHI, Hemang Ravi; FABRY, Pieter  
 Jan; MAKEEV, Ivan; SLOAN, Charchris  
 (74) FPA Patent Attorneys Pty Ltd

(71) Orica International Pte Ltd  
 (11) AU-B-2021254605  
 (21) 2021254605 (22) 21.10.2021  
 (54) A wireless initiation device

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**F42D 1/045** ( 2006.01 )  
**F42B 3/10** ( 2006.01 )  
**F42D 3/04** ( 2006.01 )  
(43) 18.11.2021  
(44) 04.01.2024  
(62) 2015280721  
(72) Wicks, Byron; Hummel, Dirk; Boos, Thomas  
(74) Davies Collison Cave Pty Ltd

(71) Otis Elevator Company  
(11) AU-B-2018222931  
(21) 2018222931 (22) 28.08.2018  
(54) Adaptive split group elevator operation  
(51) Int. Cl.  
**B66B 1/20** ( 2006.01 )  
(31) 15/691,373 (32) 30.08.17 (33) US  
(43) 21.03.2019  
(44) 04.01.2024  
(72) Simcik, Paul S.  
(74) FPA Patent Attorneys Pty Ltd

(71) Otsuka Pharmaceutical Co., Ltd.  
(11) AU-B-2018304463  
(21) 2018304463 (22) 20.07.2018  
(54) Ingestible electronic medical device  
(51) Int. Cl.  
**G16H 40/60** ( 2018.01 )  
**G16H 20/10** ( 2018.01 )  
(87) WO2019/018762  
(31) 62/534,850 (32) 20.07.17 (33) US  
(43) 24.01.2019  
(44) 04.01.2024  
(72) SAVAGE, George M.  
(74) Spruson & Ferguson

(71) Palo Alto Research Center Incorporated  
(11) AU-B-2018222992  
(21) 2018222992 (22) 30.08.2018  
(54) SYSTEM AND METHOD FOR SECURE TWO-PARTY EVALUATION OF UTILITY OF SHARING DATA  
(51) Int. Cl.  
**H04L 9/06** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
**H04L 9/00** ( 2006.01 )  
(31) 15/714,803 (32) 25.09.17 (33) US  
(43) 11.04.2019  
(44) 04.01.2024  
(72) Torres, Francisco E.; Hanumantha Rao, Vanishree; Rane, Shantanu; Long, Yunhui  
(74) Davies Collison Cave Pty Ltd

(71) Panduit Corp.  
(11) AU-B-2022244308  
(21) 2022244308 (22) 04.10.2022  
(54) Cable management system and method  
(51) Int. Cl.  
**G09F 3/00** ( 2006.01 )  
(43) 27.10.2022

(44) 04.01.2024  
(62) 2021234252  
(72) Marley, Kevin A.; Kelly, Brian L.; Graczyk, Frank J.; Host, Daniel E.; Kemp, Shawn T.; Stroede, Andrew J.  
(74) FPA Patent Attorneys Pty Ltd

(71) Pantreon GmbH  
(11) AU-B-2020395084  
(21) 2020395084 (22) 27.11.2020  
(54) Device for filtering liquids  
(51) Int. Cl.  
**B01D 33/073** ( 2006.01 )  
**B01D 33/31** ( 2006.01 )  
**B01D 33/37** ( 2006.01 )  
**B01D 33/72** ( 2006.01 )  
**B01D 33/74** ( 2006.01 )  
**B01D 35/06** ( 2006.01 )  
**B01D 35/18** ( 2006.01 )  
**B01D 63/16** ( 2006.01 )  
**B01D 65/02** ( 2006.01 )  
(87) WO2021/108821  
(31) A51048/2019 (32) 02.12.19 (33) AT  
(43) 10.06.2021  
(44) 04.01.2024  
(72) LÜER, Andreas  
(74) Walker IP

(71) Patented Foundations Pty Ltd  
(11) AU-B-2018333273  
(21) 2018333273 (22) 06.09.2018  
(54) A pile  
(51) Int. Cl.  
**E02D 5/56** ( 2006.01 )  
**E02D 7/22** ( 2006.01 )  
(87) WO2019/051537  
(31) 2017903696 (32) 12.09.17 (33) AU  
(43) 21.03.2019  
(44) 04.01.2024  
(72) Williamson, Justin  
(74) Spruson & Ferguson

(71) Paul Wurth S.A.  
(11) AU-B-2018317658  
(21) 2018317658 (22) 02.08.2018  
(54) Extraction device for a tuyere part  
(51) Int. Cl.  
**C21B 7/16** ( 2006.01 )  
(87) WO2019/034447  
(31) LU100373 (32) 18.08.17 (33) LU  
(43) 21.02.2019  
(44) 04.01.2024  
(72) THINNES, Claude  
(74) WRAYS PTY LTD

(71) Peking University; Beijing LongRuan Technologies, Inc.  
(11) AU-B-2023202859  
(21) 2023202859 (22) 08.05.2023  
(54) Method And Apparatus For Constructing Real-Geographic-Space Scene In Real Time  
(51) Int. Cl.  
**G06T 19/20** ( 2011.01 )  
**H04N 13/10** ( 2018.01 )  
**H04N 23/698** ( 2023.01 )  
(31) 202210499659.0 (32) 09.05.22 (33) CN

(43) 23.11.2023  
(44) 04.01.2024  
(72) MAO, Shanjun; FAN, Yingbo; LI, Ben; CHEN, Huazhou; LI, Xinchao  
(74) WRAYS PTY LTD

(71) PERCEPTIVE SENSOR TECHNOLOGIES, INC.  
(11) AU-B-2022204222  
(21) 2022204222 (22) 16.06.2022  
(54) NON-LINEAR ULTRASOUND METHOD AND APPARATUS FOR QUANTITATIVE DETECTION OF MATERIALS  
(51) Int. Cl.  
**A61B 8/00** ( 2006.01 )  
(43) 07.07.2022  
(44) 04.01.2024  
(62) 2020302919  
(72) CROCHET, Earl J.; HEIM, James M.; BURCHAM, Joel; BIVOLARSKY, Lazar; COLEMAN, William  
(74) Wallington-Dummer

(71) Pfizer Inc.  
(11) AU-B-2021289169  
(21) 2021289169 (22) 07.06.2021  
(54) Spiro compounds as melanocortin 4 receptor antagonists and uses thereof  
(51) Int. Cl.  
**C07D 471/20** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61P 1/08** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
(87) WO2021/250541  
(31) 63/036,798 (32) 09.06.20 (33) US  
63/167,271 29.03.21 US  
(43) 16.12.2021  
(44) 04.01.2024  
(72) BUTLER, Christopher Ryan; GARNSEY, Michelle Renee; OGILVIE, Kevin Alexander; POLIVKOVA, Jana; SAMMONS, Matthew Forrest; SMITH, Aaron Christopher; YANG, Qingyi  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Pfizer Inc.  
(11) AU-B-2022211854  
(21) 2022211854 (22) 03.08.2022  
(54) Aqueous formulation comprising 1-(4-((4-(dimethylamino)piperidin-1-yl)carbonyl}phenyl)-3-(4-(4,6-dimorpholin-4-yl-1,3,5-triazin-2-yl)phenyl)urea  
(51) Int. Cl.  
**A61K 9/08** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
**A61K 47/40** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(43) 25.08.2022



Applications Accepted - Name Index cont'd

- (44) 04.01.2024  
 (62) 2019283550  
 (72) HUSSEY, James Joseph; BRIGHT, Andrew Gilbert  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) Phil and Teds Design Limited  
 (11) AU-B-2022221532  
 (21) 2022221532 (22) 26.08.2022  
 (54) A Baby Carrier  
 (51) Int. Cl.  
     A47D 13/02 ( 2006.01 )  
     A47D 15/00 ( 2006.01 )  
 (43) 06.10.2022  
 (44) 04.01.2024  
 (62) 2021204297  
 (72) Flaunty, Evann; Gower, Campbell Douglas  
 (74) CreatelP
- 
- (71) Precision Planting LLC  
 (11) AU-B-2022241484  
 (21) 2022241484 (22) 27.09.2022  
 (54) Seed delivery apparatus, systems, and methods  
 (51) Int. Cl.  
     A01C 7/16 ( 2006.01 )  
 (43) 20.10.2022  
 (44) 04.01.2024  
 (62) 2021203302  
 (72) RADTKE, Ian R.; HODEL, Jeremy J.  
 (74) Spruson & Ferguson
- 
- (71) PrinterLogic, Inc.  
 (11) AU-B-2018338717  
 (21) 2018338717 (22) 28.09.2018  
 (54) Software-as-a-service deployment of printing services in a local network  
 (51) Int. Cl.  
     G06F 3/12 ( 2006.01 )  
     G06F 9/44 ( 2018.01 )  
     G06F 9/445 ( 2018.01 )  
     G06F 13/10 ( 2006.01 )  
 (87) WO2019/067829  
 (31) 62/565,309 (32) 29.09.17 (33) US  
     16/144,564 27.09.18 US  
 (43) 04.04.2019  
 (44) 04.01.2024  
 (72) SILLITOE, Chad Steven; ERCANBRACK, Corey Clint; HARRISON, Joshua Aaron  
 (74) Griffith Hack
- 
- (71) Proprio, Inc.  
 (11) AU-B-2021211677  
 (21) 2021211677 (22) 21.01.2021  
 (54) Methods and systems for augmenting depth data from a depth sensor, such as with data from a multiview camera system  
 (51) Int. Cl.  
     G06T 7/557 ( 2017.01 )  
     G06T 5/00 ( 2006.01 )  
 (87) WO2021/150741  
 (31) 62/963,717 (32) 21.01.20 (33) US  
 (43) 29.07.2021

- (44) 04.01.2024  
 (72) COLMENARES, David Julio; NONN, Thomas Ivan; YOUNGQUIST, James Andrew  
 (74) Spruson & Ferguson
- 
- (71) Purac Biochem B.V.  
 (11) AU-B-2021207300  
 (21) 2021207300 (22) 15.01.2021  
 (54) Method for purifying magnesium chloride solutions  
 (51) Int. Cl.  
     B01D 9/00 ( 2006.01 )  
     C01F 5/06 ( 2006.01 )  
     C07C 51/02 ( 2006.01 )  
     C07C 51/41 ( 2006.01 )  
     C07C 51/43 ( 2006.01 )  
     C07C 51/47 ( 2006.01 )  
     C07C 59/08 ( 2006.01 )  
     C12P 7/56 ( 2006.01 )  
     B01D 11/04 ( 2006.01 )  
 (87) WO2021/144423  
 (31) 20151907.1 (32) 15.01.20 (33) EP  
 (43) 22.07.2021  
 (44) 04.01.2024  
 (72) VAN KRIEKEN, Jan; LAKSMANA, Fesia Lestari  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Pure Fishing, Inc.  
 (11) AU-B-2018255303  
 (21) 2018255303 (22) 17.04.2018  
 (54) Drag adjustment assembly for a star drag reel  
 (51) Int. Cl.  
     A01K 89/02 ( 2006.01 )  
 (87) WO2018/195126  
 (31) 15/490,164 (32) 18.04.17 (33) US  
 (43) 25.10.2018  
 (44) 04.01.2024  
 (72) Svensson, Patrik  
 (74) FB Rice Pty Ltd
- 
- (71) Pylon Technologies, Co., Ltd  
 (11) AU-B-2020411713  
 (21) 2020411713 (22) 19.05.2020  
 (54) Power-on/off circuit for battery management system  
 (51) Int. Cl.  
     H02H 11/00 ( 2006.01 )  
 (87) WO2021/128714  
 (31) 201911365101.8 (32) 26.12.19 (33) CN  
     201922379646.6 26.12.19 CN  
 (43) 01.07.2021  
 (44) 04.01.2024  
 (72) WANG, Hongxing; SHI, Lu; LI, Fanjun; YAO, Bin  
 (74) Atkinson IP
- 
- (71) Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.  
 (11) AU-B-2021260296  
 (21) 2021260296 (22) 12.04.2021  
 (54) Refrigerator door  
 (51) Int. Cl.  
     F25D 23/04 ( 2006.01 )

- H01H 36/00 ( 2006.01 )  
 (87) WO2021/213200  
 (31) 202010414342.3 (32) 15.05.20 (33) CN  
 (43) 28.10.2021  
 (44) 04.01.2024  
 (72) WANG, Wenchun; ZHANG, Hao; XIA, Enpin; JI, Xuan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-B-2019246970  
 (21) 2019246970 (22) 01.04.2019  
 (54) Selecting physical uplink control channel (PUCCH) resources for channel state information  
 (51) Int. Cl.  
     H04W 72/12 ( 2009.01 )  
     H04L 5/00 ( 2006.01 )  
 (87) WO2019/195160  
 (31) 16/370,596 (32) 29.03.19 (33) US  
     62/654,287 06.04.18 US  
 (43) 10.10.2019  
 (44) 04.01.2024  
 (72) AKKARAKARAN, Sony; HUANG, Yi; LUO, Tao; CHEN, Wanshi  
 (74) Madderns Pty Ltd
- 
- (71) Quantum-Si Incorporated  
 (11) AU-B-2021282471  
 (21) 2021282471 (22) 08.12.2021  
 (54) Method of determining the sequence of a nucleic acid using time resolved luminescence  
 (51) Int. Cl.  
     G01N 21/64 ( 2006.01 )  
     G01N 21/75 ( 2006.01 )  
 (43) 06.01.2022  
 (44) 04.01.2024  
 (62) 2016264753  
 (72) Rothberg, Jonathan M.; Lackey, Jeremy; Reed, Brian; Shi, Xinghua; Huang, Haidong  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) R.G.C.C. Holdings AG  
 (11) AU-B-2021263889  
 (21) 2021263889 (22) 27.04.2021  
 (54) Pharmaceutical composition and method for inducing an immune response  
 (51) Int. Cl.  
     A61K 39/00 ( 2006.01 )  
     A61K 39/12 ( 2006.01 )  
     A61P 31/14 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
 (87) WO2021/219639  
 (31) 20172623.9 (32) 01.05.20 (33) EP  
 (43) 04.11.2021  
 (44) 04.01.2024  
 (72) PAPASOTIRIOU, Ioannis  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Rabhi, V.  
 (11) AU-B-2018225327  
 (21) 2018225327 (22) 12.02.2018  
 (54) Regenerative cooling system  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**F02G 1/02** ( 2006.01 )  
**(87)** WO2018/154214  
**(31)** 1751571 **(32)** 27.02.17 **(33)** FR  
**(43)** 30.08.2018  
**(44)** 04.01.2024  
**(72)** Rabhi, Vianney  
**(74)** FB Rice Pty Ltd

**(71)** Rabmed A/S  
**(11)** AU-B-2018235030  
**(21)** 2018235030 **(22)** 16.03.2018  
**(54)** Ampoule closure  
**(51)** Int. Cl.

**A61J 1/14** ( 2006.01 )  
**A61J 1/06** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**(87)** WO2018/167321  
**(31)** 1704309.2 **(32)** 17.03.17 **(33)** GB  
**(43)** 20.09.2018  
**(44)** 04.01.2024  
**(72)** Vollen, Martin; Geers, Kevin; Andresen, Marius; Rasmussen, Joachim Wallem; Ekroll, Jan Anders  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** RA Pharmaceuticals, Inc.  
**(11)** AU-B-2021204313  
**(21)** 2021204313 **(22)** 24.06.2021  
**(54)** Modulation of complement activity  
**(51)** Int. Cl.

**C07K 2/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/06** ( 2006.01 )  
**A61K 38/07** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**C07K 4/00** ( 2006.01 )  
**C07K 5/00** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )  
**(43)** 22.07.2021  
**(44)** 04.01.2024  
**(62)** 2019200828  
**(72)** HOARTY, Michelle Denise; DHAMNASKAR, Ketki Ashok; ELBAUM, Daniel; JOSEPHSON, Kristopher; LARSON, Kelley Cronin; MA, Zhong; NIMS, Nathan Ezekiel; RICARDO, Alonso; SEYB, Kathleen; TANG, Guo-Qing; TRECO, Douglas A.; WANG, Zhaolin; YE, Ping; ZHENG, Hong; PERLMUTTER, Sarah Jacqueline; HAMMER, Robert Paul  
**(74)** Griffith Hack

**(71)** Rapid Granulator AB  
**(11)** AU-B-2019387189  
**(21)** 2019387189 **(22)** 18.11.2019  
**(54)** Granulator mill  
**(51)** Int. Cl.  
**B02C 18/14** ( 2006.01 )  
**B02C 18/16** ( 2006.01 )  
**(87)** WO2020/109052  
**(31)** 18208661.1 **(32)** 27.11.18 **(33)** EP  
**(43)** 04.06.2020  
**(44)** 04.01.2024  
**(72)** KARLSSON, Henrik; BLOM, Magnus  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Redarc Technologies Pty Ltd  
**(11)** AU-B-2021351468  
**(21)** 2021351468 **(22)** 24.08.2021  
**(54)** Brake controller with pitch/roll compensation  
**(51)** Int. Cl.  
**B60T 7/20** ( 2006.01 )  
**B60T 8/32** ( 2006.01 )  
**(87)** WO2022/067373  
**(31)** 2020903559 **(32)** 01.10.20 **(33)** AU  
**(43)** 07.04.2022  
**(44)** 04.01.2024  
**(72)** FOSDIKE, Timothy  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Regal Beloit America, Inc.  
**(11)** AU-B-2018230435  
**(21)** 2018230435 **(22)** 08.03.2018  
**(54)** Package sorting transfer module and systems and methods therefor  
**(51)** Int. Cl.  
**B65G 17/24** ( 2006.01 )  
**(87)** WO2018/165489  
**(31)** 62/468,812 **(32)** 08.03.17 **(33)** US  
**(43)** 13.09.2018  
**(44)** 04.01.2024  
**(72)** Lundahl, Robert D.; Cutlip, Robert W.; Bankard, Mark G.; Finch, William D.  
**(74)** Griffith Hack

**(71)** Research Triangle Institute  
**(11)** AU-B-2018341260  
**(21)** 2018341260 **(22)** 24.09.2018  
**(54)** Methods and apparatus for production of hydrogen  
**(51)** Int. Cl.  
**C10L 3/08** ( 2006.01 )  
**C10K 1/00** ( 2006.01 )  
**(87)** WO2019/067349  
**(31)** 62/565,873 **(32)** 29.09.17 **(33)** US  
**(43)** 04.04.2019  
**(44)** 04.01.2024  
**(72)** ZHOU, Shaojun James; GUPTA, Raghubir P.; CARPENTER, John Reeves; TURK, Brian S.  
**(74)** WRAYS PTY LTD

**(71)** Resorcix Ltd.  
**(11)** AU-B-2019300490  
**(21)** 2019300490 **(22)** 10.07.2019  
**(54)** Composition for inactivation of gram-positive bacteria and bacterial spores and methods of making and using same  
**(51)** Int. Cl.  
**A23L 2/44** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A61K 31/015** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
**A61K 36/18** ( 2006.01 )  
**(87)** WO2020/012242  
**(31)** 62/695,867 **(32)** 10.07.18 **(33)** US  
**(43)** 16.01.2020  
**(44)** 04.01.2024  
**(72)** KORCHIA-MAOR, Yehoshua; SINAI, Li-or  
**(74)** Southern Cross Intellectual Property Limited

**(71)** Rigel Pharmaceuticals, Inc.  
**(11)** AU-B-2020341708  
**(21)** 2020341708 **(22)** 04.09.2020  
**(54)** RIP1 inhibitory compounds and methods for making and using the same  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2021/046437  
**(31)** 62/897,223 **(32)** 06.09.19 **(33)** US  
 62/932,404 07.11.19 US  
 63/001,016 27.03.20 US  
 63/004,290 02.04.20 US  
 63/004,319 02.04.20 US  
**(43)** 11.03.2021  
**(44)** 04.01.2024  
**(72)** CHEN, Yan; YU, Jiaxin; SHAW, Simon; DARWISH, Ihab; TAYLOR, Vanessa; BHAMIDIPATI, Somasekhar; LUO, Zhushou; KOLLURI, Rao  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ROBJULZ PTY. LTD.  
**(11)** AU-B-2022410483  
**(21)** 2022410483 **(22)** 14.12.2022  
**(54)** PLANT PATHOGEN COMPOSITION  
**(51)** Int. Cl.  
**A01N 25/24** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 33/12** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**(87)** WO2023/108218  
**(31)** 2021904061 **(32)** 14.12.21 **(33)** AU  
**(43)** 22.06.2023  
**(44)** 04.01.2024  
**(72)** WILSON, Barry, John; HOVELL, Robert; SAVAGE, Robert, John  
**(74)** Griffith Hack

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2017444344

**(71)** RotoTech Pte Ltd  
**(11)** AU-B-2019377016  
**(21)** 2019377016 **(22)** 11.11.2019  
**(54)** Apparatus for servicing a structure  
**(51)** Int. Cl.  
**E02B 17/00** ( 2006.01 )  
**B08B 9/023** ( 2006.01 )  
**B23D 57/00** ( 2006.01 )  
**(87)** WO2020/096529  
**(31)** 1818300.4 **(32)** 09.11.18 **(33)** GB  
**(43)** 14.05.2020  
**(44)** 04.01.2024  
**(72)** HARTOG, Simon; VOS, Andries; KLEINE, Peter; WESTERBRINK, Michael; KENDALL, Stuart  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Rutgers, The State University of New Jersey  
**(11)** AU-B-2017321708

Applications Accepted - Name Index cont'd

(21) 2017321708 (22) 31.08.2017  
 (54) Methods and compositions for treating diseases and disorders of the nervous system  
 (51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
 (87) WO2018/045178  
 (31) 62/381,883 (32) 31.08.16 (33) US  
 (43) 08.03.2018  
 (44) 04.01.2024  
 (72) Bowrey, Hannah E.; Aston-Jones, Gary  
 (74) FPA Patent Attorneys Pty Ltd

(71) Saipem S.p.A.  
 (11) AU-B-2018273178  
 (21) 2018273178 (22) 25.05.2018  
 (54) Method and system for laying a submarine pipeline  
 (51) Int. Cl.  
**F16L 1/16** ( 2006.01 )  
**E21B 43/013** ( 2006.01 )  
**F16L 1/19** ( 2006.01 )  
**F16L 1/20** ( 2006.01 )  
**F16L 1/26** ( 2006.01 )  
 (87) WO2018/215981  
 (31) 102017000057253 (32) 26.05.17 (33) IT  
 (43) 29.11.2018  
 (44) 04.01.2024  
 (72) Conti, Flavio; Forestali, Diego  
 (74) Phillips Ormonde Fitzpatrick

(71) Salts Healthcare Limited  
 (11) AU-B-2018336054  
 (21) 2018336054 (22) 21.09.2018  
 (54) A drainable ostomy appliance  
 (51) Int. Cl.  
**A61F 5/445** ( 2006.01 )  
 (87) WO2019/058130  
 (31) 1715398.2 (32) 22.09.17 (33) GB  
 (43) 28.03.2019  
 (44) 04.01.2024  
 (72) TRETHERWAY, Lee; HOWARD, Lee; POWNER, Iain; ALFARO, Jesus  
 (74) Michael Buck IP

(71) Samsung Electronics Co., Ltd.  
 (11) AU-B-2019223608  
 (21) 2019223608 (22) 21.02.2019  
 (54) Electronic device including flexible display and method for controlling same  
 (51) Int. Cl.  
**G06F 3/14** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
**G06F 3/041** ( 2006.01 )  
**G06F 3/044** ( 2006.01 )  
**G06F 3/0481** ( 2013.01 )  
**G06F 3/0484** ( 2013.01 )  
**G06T 3/40** ( 2006.01 )  
**H04N 21/4402** ( 2011.01 )  
**H04R 17/00** ( 2006.01 )  
 (87) WO2019/164315  
 (31) 10-2018-0021216 (32) 22.02.18 (33) KR  
 (43) 29.08.2019  
 (44) 04.01.2024  
 (72) PARK, Jungsik; CHUN, Young-soo; KWAK, Woongeun; SUNWOO,

Seunghui; CHA, Dohun; KIM, Gidae; KIM, Junyun; SEO, Jooho; NA, Hyos-eok; CHOI, Jongchul  
 (74) Griffith Hack

(71) Samsung Electronics Co., Ltd.  
 (11) AU-B-2019237839  
 (21) 2019237839 (22) 25.03.2019  
 (54) Method and apparatus for transmitting downlink control information in wireless communication system  
 (51) Int. Cl.  
**H04J 11/00** ( 2006.01 )  
**H04L 1/00** ( 2006.01 )  
 (87) WO2019/182423  
 (31) 10-2018-0044791 (32) 18.04.18 (33) KR  
 10-2018-0054517 11.05.18 KR  
 10-2018-0033718 23.03.18 KR  
 10-2018-0039915 05.04.18 KR  
 (43) 26.09.2019  
 (44) 04.01.2024  
 (72) KIM, Taehyoung; KIM, Youngbum; CHOI, Seunghoon  
 (74) Griffith Hack

(71) Samsung Electronics Co., Ltd.  
 (11) AU-B-2022221565  
 (21) 2022221565 (22) 26.08.2022  
 (54) Apparatus and method for selecting cell in wireless communication system  
 (51) Int. Cl.  
**H04W 48/20** ( 2009.01 )  
**H04B 7/08** ( 2006.01 )  
**H04W 16/28** ( 2009.01 )  
**H04W 24/02** ( 2009.01 )  
 (43) 22.09.2022  
 (44) 04.01.2024  
 (62) 2017323374  
 (72) Baek, Ingil; Jeong, Junhee; Ryou, Sangkyou; Jung, Doyoung  
 (74) Griffith Hack

(71) Sanofi  
 (11) AU-B-2022204711  
 (21) 2022204711 (22) 30.06.2022  
 (54) Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation  
 (51) Int. Cl.  
**C07D 273/08** ( 2006.01 )  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 21.07.2022  
 (44) 04.01.2024  
 (62) 2018265333  
 (72) Bouchard, Hervé; Brun, Marie-Priscille; Hubert, Philippe  
 (74) Griffith Hack

(71) Sargent Manufacturing Company  
 (11) AU-B-2018275570  
 (21) 2018275570 (22) 31.05.2018  
 (54) Anti-ligature turn piece  
 (51) Int. Cl.  
**E05B 1/00** ( 2006.01 )  
**E05B 7/00** ( 2006.01 )

**E05B 63/08** ( 2006.01 )  
 (87) WO2018/222847  
 (31) 62/512,873 (32) 31.05.17 (33) US  
 (43) 06.12.2018  
 (44) 04.01.2024  
 (72) Riley, Daniel; Palmieri, Eric; Fowler, Tracy F.; Griswold, Lee  
 (74) Spruson & Ferguson

(71) Schachtner Vermögensverwaltungs GmbH & Co. KG  
 (11) AU-B-2018327402  
 (21) 2018327402 (22) 29.08.2018  
 (54) Carrying device for babies or small children  
 (51) Int. Cl.  
**A47D 13/02** ( 2006.01 )  
 (87) WO2019/048314  
 (31) 10 2017 120 964.6 (32) 11.09.17 (33) DE  
 (43) 14.03.2019  
 (44) 04.01.2024  
 (72) SCHACHTNER, Petra  
 (74) Halfords IP

(71) Schmidt & Bender GmbH & Co. KG  
 (11) AU-B-2018200210  
 (21) 2018200210 (22) 10.01.2018  
 (54) Reticle and telescopic sight equipped therewith, firearm having the same, and method for distance determination using the reticle  
 (51) Int. Cl.  
**F41G 1/473** ( 2006.01 )  
**F41G 1/38** ( 2006.01 )  
 (31) 10 2017 100 720.2 (32) 16.01.17 (33) DE  
 (43) 02.08.2018  
 (44) 04.01.2024  
 (72) Holler, Jonas; Holzmann, Michael; Hennemann, Jorg; Pehlke, Thomas; Brown, Kyle  
 (74) Davies Collison Cave Pty Ltd

(71) SCHROEFL, C.  
 (11) AU-B-2022410485  
 (21) 2022410485 (22) 15.12.2022  
 (54) HANDHELD LOCOMOTIVE STYLE AND PACE FEEDBACK SYSTEM  
 (51) Int. Cl.  
**A63B 24/00** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**A63B 71/00** ( 2006.01 )  
 (87) WO2023/108223  
 (31) 2021904102 (32) 17.12.21 (33) AU  
 (43) 22.06.2023  
 (44) 04.01.2024  
 (72) SCHROEFL, Christian  
 (74) Patentec Patent Attorneys

(71) Sedic, F.  
 (11) AU-B-2022201393  
 (21) 2022201393 (22) 01.03.2022  
 (54) Skin cleanser  
 (51) Int. Cl.  
**A47K 7/04** ( 2006.01 )  
**A61H 23/02** ( 2006.01 )  
 (43) 24.03.2022

Applications Accepted - Name Index cont'd

(44) 04.01.2024  
 (62) 2020227091  
 (72) Sedic, Filip  
 (74) FB Rice Pty Ltd

(71) Sekisui House, Ltd.  
 (11) AU-B-2020474030  
 (21) 2020474030 (22) 16.12.2020  
 (54) Flashing member  
 (51) Int. Cl.  
*E04D 13/158* (2006.01)  
 (87) WO2022/130540  
 (43) 30.06.2022  
 (44) 04.01.2024  
 (72) YACHI, Mitsuharu; WATANABE, Masaki; OSADA, Toshiyuki  
 (74) Spruson & Ferguson

(71) SentryCard Technologies, Inc.  
 (11) AU-B-2020439471  
 (21) 2020439471 (22) 03.09.2020  
 (54) Multi-purpose smart card with user trusted bond  
 (51) Int. Cl.  
*G06K 19/077* (2006.01)  
*G06K 19/07* (2006.01)  
*G06K 19/073* (2006.01)  
 (87) WO2021/201906  
 (31) 16/839,455 (32) 03.04.20 (33) US  
 (43) 07.10.2021  
 (44) 04.01.2024  
 (72) BENNETT, Mark W.; CALZARETTA, John P.  
 (74) Spruson & Ferguson

(71) Shenzhen Shokz Co., Ltd.  
 (11) AU-B-2020440893  
 (21) 2020440893 (22) 11.11.2020  
 (54) Acoustic output device  
 (51) Int. Cl.  
*H04R 1/10* (2006.01)  
 (87) WO2021/196624  
 (31) 202010247338.2 (32) 31.03.20 (33) CN  
 (43) 07.10.2021  
 (44) 04.01.2024  
 (72) ZHANG, Lei; QI, Xin; FU, Junjiang; WANG, Zhen; WANG, Liwei  
 (74) Madderns Pty Ltd

(71) Shenzhen Shokz Co., Ltd.  
 (11) AU-B-2021262946  
 (21) 2021262946 (22) 20.04.2021  
 (54) ACOUSTIC DEVICES AND MAGNETIC CIRCUIT ASSEMBLIES THEREOF  
 (51) Int. Cl.  
*H04R 1/10* (2006.01)  
*H04R 9/02* (2006.01)  
 (87) WO2021/218709  
 (31) 202010358223.0 (32) 29.04.20 (33) CN  
 202021689802.5 12.08.20 CN  
 (43) 04.11.2021  
 (44) 04.01.2024  
 (72) WANG, Liwei; ZHANG, Lei; LIAO, Fengyun; QI, Xin; FU, Junjiang; XIE, Shuailin; LI, Chaowu  
 (74) Madderns Pty Ltd

(71) Siemens Aktiengesellschaft  
 (11) AU-B-2021270688  
 (21) 2021270688 (22) 22.03.2021  
 (54) Device and method for controlling energy flows between components of an energy system  
 (51) Int. Cl.  
*H02J 3/00* (2006.01)  
*G06Q 30/06* (2012.01)  
*G06Q 50/06* (2012.01)  
*H02J 3/38* (2006.01)  
*H02J 13/00* (2006.01)  
 (87) WO2021/228457  
 (31) 10 2020 205 886.5 (32) 11.05.20 (33) DE  
 (43) 18.11.2021  
 (44) 04.01.2024  
 (72) NIESSEN, Stefan; SCHRECK, Sebastian; SCHÄFER, Jochen; THIEM, Sebastian  
 (74) Spruson & Ferguson

(71) Sigma-Aldrich Co. LLC  
 (11) AU-B-2021245148  
 (21) 2021245148 (22) 06.10.2021  
 (54) Using nucleosome interacting protein domains to enhance targeted genome modification  
 (51) Int. Cl.  
*C12N 15/90* (2006.01)  
*C12N 9/96* (2006.01)  
*C12N 15/11* (2006.01)  
*C12N 15/85* (2006.01)  
*C12N 15/86* (2006.01)  
 (43) 04.11.2021  
 (44) 04.01.2024  
 (62) 2018299995  
 (72) Chen, Fuqiang; Davis, Gregory D.; Ding, Xiao; Feng, Yongmei  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) SIGNATURE ORTHOPAEDICS EUROPE LTD  
 (11) AU-B-2022341082  
 (21) 2022341082 (22) 15.12.2022  
 (54) CONFIGURABLE REVISION ACETABULAR PROSTHESIS  
 (51) Int. Cl.  
*A61F 2/34* (2006.01)  
*A61F 2/30* (2006.01)  
*A61F 2/32* (2006.01)  
*A61F 2/36* (2006.01)  
 (87) WO2023/108225  
 (31) 2021904105 (32) 17.12.21 (33) AU  
 (43) 06.07.2023  
 (44) 04.01.2024  
 (72) BRAZIL, Declan; BURGESS, Christopher; STRONACH, Benjamin; STAMBOUGH, Jeffrey  
 (74) Patentec Patent Attorneys

(71) Smith, V.  
 (11) AU-B-2018328750  
 (21) 2018328750 (22) 03.09.2018  
 (54) Confectionery item for applying an edible temporary tattoo to a person's tongue and method of producing the confectionery item  
 (51) Int. Cl.

*A23G 3/56* (2006.01)  
*A23G 3/34* (2006.01)  
*A23P 20/10* (2016.01)  
*B32B 9/04* (2006.01)  
 (87) WO2019/046890  
 (31) 2017903586 (32) 05.09.17 (33) AU  
 (43) 14.03.2019  
 (44) 04.01.2024  
 (72) SMITH, Veronique  
 (74) COOPER IP PTY. LTD.

(71) Smith & Nephew, Inc.  
 (11) AU-B-2018284233  
 (21) 2018284233 (22) 12.06.2018  
 (54) Fluid removal management and control of wound closure in wound therapy  
 (51) Int. Cl.  
*A61M 1/00* (2006.01)  
*A61F 13/00* (2006.01)  
 (87) WO2018/231878  
 (31) 62/519,781 (32) 14.06.17 (33) US  
 62/519,787 14.06.17 US  
 (43) 20.12.2018  
 (44) 04.01.2024  
 (72) Hunt, Allan Kenneth Frazer Grugeon; Jaecklein, William Joseph; Quintanar, Felix Clarence  
 (74) Griffith Hack

(71) Smith & Nephew plc  
 (11) AU-B-2022200348  
 (21) 2022200348 (22) 19.01.2022  
 (54) Negative pressure wound therapy apparatus  
 (51) Int. Cl.  
*A61F 13/02* (2006.01)  
*A61F 13/00* (2006.01)  
*A61M 1/00* (2006.01)  
 (43) 17.02.2022  
 (44) 04.01.2024  
 (62) 2016383524  
 (72) NOBLE, Stephanie Jane; GREENER, Bryan; GOWANS, John Philip  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-B-2022201423  
 (21) 2022201423 (22) 02.03.2022  
 (54) Floor jack lockout assembly  
 (51) Int. Cl.  
*B66F 5/04* (2006.01)  
 (43) 24.03.2022  
 (44) 04.01.2024  
 (62) 2020202138  
 (72) ANDERSEN, Jonathan I.; RETTLER, James T.; SCHULZ, Benjamin T.  
 (74) Griffith Hack

(71) Snap-On Incorporated  
 (11) AU-B-2020355214  
 (21) 2020355214 (22) 25.09.2020  
 (54) Use of on-screen content identifiers in automated tool control systems  
 (51) Int. Cl.  
*G06G 1/14* (2006.01)  
*G06Q 10/00* (2012.01)

Applications Accepted - Name Index cont'd

**G08B 13/14** ( 2006.01 )  
**(87)** WO2021/062187  
**(31)** 62/906,014 **(32)** 25.09.19 **(33)** US  
**(43)** 01.04.2021  
**(44)** 04.01.2024  
**(72)** LIPSEY, Matthew J.; FLY, David C.; PHILLIPS, Preston C.; NEWPORT, Jason; HOUSTON, Cody L.; CHWAN, Joseph; ROGERS, Frederick J.; RYAN, Sean W.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Spectrum Brands, Inc.  
**(11)** AU-B-2018204763  
**(21)** 2018204763 **(22)** 29.06.2018  
**(54)** Air-moving appliance including an attachment  
**(51)** Int. Cl.  
**A45D 20/10** ( 2006.01 )  
**(31)** 15/650,606 **(32)** 14.07.17 **(33)** US  
**(43)** 31.01.2019  
**(44)** 04.01.2024  
**(72)** deGROOD, Michael John; KUZIA, Jay William  
**(74)** GLMR

**(71)** Srinivasan, T.  
**(11)** AU-B-2019256003  
**(21)** 2019256003 **(22)** 19.04.2019  
**(54)** A device for determining orientation of an object  
**(51)** Int. Cl.  
**G01C 9/00** ( 2006.01 )  
**G01C 21/20** ( 2006.01 )  
**(87)** WO2019/202564  
**(31)** 201841013747 **(32)** 20.04.18 **(33)** IN  
**(43)** 24.10.2019  
**(44)** 04.01.2024  
**(72)** SRINIVASAN, Tilak  
**(74)** BOSH IP Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-B-2021273645  
**(21)** 2021273645 **(22)** 26.11.2021  
**(54)** BATTERY-OPERATED POWERED SURGICAL TOOL SYSTEM FOR USE WITH A TOOL BATTERY  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**H02K 29/08** ( 2006.01 )  
**H02P 7/00** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
**(43)** 16.12.2021  
**(44)** 04.01.2024  
**(62)** 2019246880  
**(72)** Tague, Chris M.; Christopher, Philipp; Malackowski, Don  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sungrow Power Supply Co., Ltd.  
**(11)** AU-B-2020444688  
**(21)** 2020444688 **(22)** 11.06.2020  
**(54)** Multi-channel grid-connected power generation system and control method therefor  
**(51)** Int. Cl.

**H02J 3/38** ( 2006.01 )  
**(87)** WO2021/217794  
**(31)** 202010362289.7 **(32)** 30.04.20 **(33)** CN  
**(43)** 04.11.2021  
**(44)** 04.01.2024  
**(72)** XIANG, Guohua; CHENG, Lin; DING, Jie; PAN, Nianan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sun Pharmaceutical Industries Australia Pty Limited  
**(11)** AU-B-2021221448  
**(21)** 2021221448 **(22)** 24.08.2021  
**(54)** MODIFIED PLANT  
**(51)** Int. Cl.  
**A01H 5/00** ( 2018.01 )  
**C12N 15/82** ( 2006.01 )  
**(43)** 16.09.2021  
**(44)** 04.01.2024  
**(62)** 2019202340  
**(72)** Winzer, Thilo; Walker, Tracy Carol; Larson, Tony Robert; Graham, Ian Alexander  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Sunreef Venture S.A.  
**(11)** AU-B-2019465528  
**(21)** 2019465528 **(22)** 11.09.2019  
**(54)** Standing rigging component, in particular the mast of a vessel, and the method of its manufacture  
**(51)** Int. Cl.  
**B63B 15/00** ( 2006.01 )  
**(87)** WO2021/049958  
**(43)** 18.03.2021  
**(44)** 04.01.2024  
**(72)** VÉNEC, Loïc  
**(74)** Pipers Intellectual Property

**(71)** Sunrise Technologies Co., Ltd.  
**(11)** AU-B-2021225292  
**(21)** 2021225292 **(22)** 20.02.2021  
**(54)** Tissue component noninvasive measurement method, apparatus and system, and wearable device  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**(87)** WO2021/169872  
**(31)** 202010121193.1 **(32)** 26.02.20 **(33)** CN  
**(43)** 02.09.2021  
**(44)** 04.01.2024  
**(72)** XU, Kexin  
**(74)** Spruson & Ferguson

**(71)** Suzhou Tuntex Fiber & Carpet Co., Ltd.  
**(11)** AU-B-2020436828  
**(21)** 2020436828 **(22)** 26.03.2020  
**(54)** Soft bottom carpet made of recycled yarn and manufacturing method therefor  
**(51)** Int. Cl.  
**A47G 27/02** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**D05C 17/02** ( 2006.01 )  
**(87)** WO2021/184406  
**(31)** 202010199802.5 **(32)** 20.03.20 **(33)** CN  
**(43)** 23.09.2021

**(44)** 04.01.2024  
**(72)** ZHENG, Shouquan  
**(74)** Tecrich IP

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**(71)** Taizhou Yongpai Pack Equipment Co., Ltd.  
**(11)** AU-B-2021254067  
**(21)** 2021254067 **(22)** 19.02.2021  
**(54)** Fusion welding device  
**(51)** Int. Cl.  
**B65B 51/22** ( 2006.01 )  
**(87)** WO2021/203846  
**(31)** 202010273320.X **(32)** 09.04.20 **(33)** CN  
 202020513565.0 09.04.20 CN  
 202020514072.9 09.04.20 CN  
 202120322629.3 03.02.21 CN  
**(43)** 14.10.2021  
**(44)** 04.01.2024  
**(72)** HE, Yuhua; JIANG, Shuibo  
**(74)** Spruson & Ferguson

**(71)** Takeda Pharmaceutical Company Limited  
**(11)** AU-B-2017391164  
**(21)** 2017391164 **(22)** 03.11.2017  
**(54)** Adeno-associated virus purification methods  
**(51)** Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**(87)** WO2018/128688  
**(31)** 62/417,775 **(32)** 04.11.16 **(33)** US  
**(43)** 12.07.2018  
**(44)** 04.01.2024  
**(72)** Fiedler, Christian; Grillberger, Leopold; Hasslacher, Meinhard; Kraus, Barbara; Mittergradnegger, Dominik; Reuberger, Stefan; Schafhauser, Horst; Bendik, Marian  
**(74)** Spruson & Ferguson

**Tarenga, R. see Meyer Intellectual Properties Limited**  
**(21)** 2021227210

**(71)** Tatsumura Hillyer, K.; Miyashita, M.  
**(11)** AU-B-2018249513  
**(21)** 2018249513 **(22)** 03.04.2018  
**(54)** Portable non-invasive devices for integrative medicine and holistic healing  
**(51)** Int. Cl.  
**A61N 5/06** ( 2006.01 )  
**(87)** WO2018/187277  
**(31)** 15/477,685 **(32)** 03.04.17 **(33)** US  
**(43)** 11.10.2018  
**(44)** 04.01.2024  
**(72)** Tatsumura Hillyer, Kazuko; Miyashita, Masakazu  
**(74)** FB Rice Pty Ltd

**(71)** Technologies' Xanadu of Resonatory-Solar-Systemed Co., Ltd  
**(11)** AU-B-2020414869  
**(21)** 2020414869 **(22)** 11.12.2020  
**(54)** Parallel bearing and rotor system  
**(51)** Int. Cl.  
**F16C 32/04** ( 2006.01 )

Applications Accepted - Name Index cont'd

**F16C 19/00** ( 2006.01 )  
**F16C 32/06** ( 2006.01 )  
**(87)** WO2021/129426  
**(31)** 201911340107.X **(32)** 23.12.19 **(33)** CN  
**(43)** 01.07.2021  
**(44)** 04.01.2024  
**(72)** JIN, Pu; LIU, Muhua  
**(74)** Spruson & Ferguson

**(71)** TECHTRONIC CORDLESS GP  
**(11)** AU-B-2018287736  
**(21)** 2018287736 **(22)** 15.06.2018  
**(54)** A surface cleaning apparatus  
**(51)** Int. Cl.  
**A47L 5/24** ( 2006.01 )  
**A47L 5/12** ( 2006.01 )  
**A47L 9/10** ( 2006.01 )  
**A47L 9/14** ( 2006.01 )  
**A47L 9/16** ( 2006.01 )  
**A47L 9/24** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 9/32** ( 2006.01 )  
**(87)** WO2018/234756  
**(31)** 1720294.6 **(32)** 05.12.17 **(33)** GB  
 1720282.1 05.12.17 GB  
 PCT/ 19.06.17 GB  
 GB2017/051788  
 PCT/ 19.06.17 GB  
 GB2017/051786  
**(43)** 27.12.2018  
**(44)** 04.01.2024  
**(72)** Pougher, Simon Matthew; Holmes, Darren; Waters, Richard; Jaanus, Anna; Casella, Jose  
**(74)** Spruson & Ferguson

**(71)** Telefonaktiebolaget LM Ericsson (Publ)  
**(11)** AU-B-2021322550  
**(21)** 2021322550 **(22)** 09.07.2021  
**(54)** Configuring a wireless device configured with multi-radio access technology dual connectivity  
**(51)** Int. Cl.  
**H04W 76/19** ( 2018.01 )  
**H04W 36/00** ( 2009.01 )  
**H04W 52/02** ( 2009.01 )  
**H04W 76/15** ( 2018.01 )  
**(87)** WO2022/031203  
**(31)** 63/061,964 **(32)** 06.08.20 **(33)** US  
**(43)** 10.02.2022  
**(44)** 04.01.2024  
**(72)** DA SILVA, Icaro Leonardo; WAGER, Stefan  
**(74)** FB Rice Pty Ltd

**(71)** Tesla Medical s.r.o.  
**(11)** AU-B-2018348807  
**(21)** 2018348807 **(22)** 11.10.2018  
**(54)** Neuromodulation electrode assembly  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**A61N 1/22** ( 2006.01 )  
**A61N 1/32** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2019/073003  
**(31)** PV 2017-647 **(32)** 11.10.17 **(33)** CZ  
**(43)** 18.04.2019

**(44)** 04.01.2024  
**(72)** DOSKOCIL, Lukas  
**(74)** Griffith Hack

**(71)** TEXTRON SYSTEMS CORPORATION  
**(11)** AU-B-2018360818  
**(21)** 2018360818 **(22)** 02.11.2018  
**(54)** VTOL aircraft having fixed-wing and rotorcraft configurations  
**(51)** Int. Cl.  
**B64C 39/02** ( 2006.01 )  
**B64C 1/26** ( 2006.01 )  
**B64C 29/00** ( 2006.01 )  
**B64C 39/10** ( 2006.01 )  
**(87)** WO2019/090046  
**(31)** 62/581,093 **(32)** 03.11.17 **(33)** US  
 62/663,415 27.04.18 US  
**(43)** 09.05.2019  
**(44)** 04.01.2024  
**(72)** BAITY, Sean Marshall; BILLINGSLEY, David D.; GALLOWAY, Brad S.; CHAPMAN, Richard M.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Thales  
**(11)** AU-B-2018297577  
**(21)** 2018297577 **(22)** 03.07.2018  
**(54)** Aiming scope with illuminated sights and thermal imaging camera  
**(51)** Int. Cl.  
**F41G 1/34** ( 2006.01 )  
**(87)** WO2019/007973  
**(31)** 1700722 **(32)** 06.07.17 **(33)** FR  
**(43)** 10.01.2019  
**(44)** 04.01.2024  
**(72)** ESPIE, Jean-Luc; COUMERT, Bruno  
**(74)** FB Rice Pty Ltd

**(71)** The Boeing Company  
**(11)** AU-B-2018264148  
**(21)** 2018264148 **(22)** 16.11.2018  
**(54)** Charging a rechargeable battery of an unmanned aerial vehicle in flight using a high voltage power line  
**(51)** Int. Cl.  
**B60L 9/00** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**(31)** 15/815,689 **(32)** 16.11.17 **(33)** US  
**(43)** 30.05.2019  
**(44)** 04.01.2024  
**(72)** JAUGILAS, John M.  
**(74)** FB Rice Pty Ltd

**(71)** The Boots Company PLC  
**(11)** AU-B-2020317436  
**(21)** 2020317436 **(22)** 23.07.2020  
**(54)** Skincare compositions  
**(51)** Int. Cl.  
**A61K 8/03** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
**(87)** WO2021/013384  
**(31)** 19020443.8 **(32)** 24.07.19 **(33)** EP  
**(43)** 28.01.2021

**(44)** 04.01.2024  
**(72)** KELLY, Matthew; COCKING, Julian Richard; SISSON, Helen  
**(74)** Griffith Hack

**The Brigham and Women's Hospital, Inc. see Massachusetts Institute of Technology**  
**(21)** 2018269547

**(71)** The Brigham and Women's Hospital, Inc.  
**(11)** AU-B-2019282761  
**(21)** 2019282761 **(22)** 07.06.2019  
**(54)** Methods for generating hematopoietic stem cells  
**(51)** Int. Cl.  
**C12N 5/02** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 31/50** ( 2006.01 )  
**C07D 403/00** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 15/00** ( 2006.01 )  
**(87)** WO2019/236943  
**(31)** 62/681,982 **(32)** 07.06.18 **(33)** US  
**(43)** 12.12.2019  
**(44)** 04.01.2024  
**(72)** SHAH, Dhvanit I.  
**(74)** RNB IP PTY LTD

**(71)** The Brigham and Women's Hospital, Inc.; Children's Medical Center Corporation  
**(11)** AU-B-2021240191  
**(21)** 2021240191 **(22)** 29.09.2021  
**(54)** Methods for generating functional hematopoietic stem cells  
**(51)** Int. Cl.  
**C12N 5/074** ( 2010.01 )  
**A61K 35/28** ( 2015.01 )  
**C12N 5/02** ( 2006.01 )  
**(43)** 04.11.2021  
**(44)** 04.01.2024  
**(62)** 2016362508  
**(72)** Shah, Dhvanit I.; Daley, George Q.  
**(74)** RnB IP Pty Ltd

**(71)** The Chamberlain Group LLC  
**(11)** AU-B-2019217958  
**(21)** 2019217958 **(22)** 07.02.2019  
**(54)** Movable barrier operator having updatable security protocol  
**(51)** Int. Cl.  
**G06F 21/57** ( 2013.01 )  
**E05F 15/00** ( 2015.01 )  
**G06F 8/60** ( 2018.01 )  
**G06F 8/65** ( 2018.01 )  
**(87)** WO2019/157149  
**(31)** 62/629,442 **(32)** 12.02.18 **(33)** US  
**(43)** 15.08.2019  
**(44)** 04.01.2024  
**(72)** CATE, Casparus; MORRIS, David R.; SKOTTY, Brian Roy; SORICE, Cory  
**(74)** Spruson & Ferguson

Applications Accepted - Name Index cont'd

**The First Engineering Co.,Ltd. of CTCE Group see China Tiesiju Civil Engineering Group Co., Ltd.**

(21) 2021435256

(71) The Regents of the University of California

(11) AU-B-2017313138

(21) 2017313138 (22) 17.08.2017

(54) A novel immunoprobe-based method to assess organ injury status through a biofluid-based cell-free DNA (cfDNA) assay

(51) Int. Cl.

**C12Q 1/68** ( 2006.01 )

(87) WO2018/035340

(31) 62/376,299 (32) 17.08.16 (33) US

(43) 22.02.2018

(44) 04.01.2024

(72) Sarwal, Minnie M.; Sigdel, Tara K.; Yang, Joshua Y.

(74) Phillips Ormonde Fitzpatrick

(71) The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Institute)

(11) AU-B-2022200755

(21) 2022200755 (22) 04.02.2022

(54) Regulation of feed efficiency and methane production in ruminating animals

(51) Int. Cl.

**A23K 10/18** ( 2016.01 )

**A61K 35/74** ( 2015.01 )

**C12Q 1/04** ( 2006.01 )

**C12Q 1/68** ( 2018.01 )

(43) 24.02.2022

(44) 04.01.2024

(62) 2016404864

(72) MIZRAHI, Itzhak

(74) Spruson & Ferguson

**thyssenkrupp AG see Atlas Elektronik GmbH**

(21) 2021292366

(71) Toddy, LLC

(11) AU-B-2018200215

(21) 2018200215 (22) 10.01.2018

(54) COLD BREWING SYSTEM

(51) Int. Cl.

**A47J 31/06** ( 2006.01 )

**A23F 3/18** ( 2006.01 )

**A23F 5/26** ( 2006.01 )

(31) 15/630,463 (32) 22.06.17 (33) US

(43) 17.01.2019

(44) 04.01.2024

(72) LEACH, Julia; LEACH, Andrew

(74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) ToolGen Incorporated

(11) AU-B-2022200262

(21) 2022200262 (22) 17.01.2022

(54) Target-specific CRISPR mutant

(51) Int. Cl.

**C12N 9/22** ( 2006.01 )

**C12N 9/78** ( 2006.01 )

**C12N 15/10** ( 2006.01 )

(43) 10.02.2022

(44) 04.01.2024

(62) 2018295992

(72) KIM, Young-Hoon; JUNG, Min Hee; LEE, Joonsun; SHIN, Eunji; LEE, Kang In; KIM, Seokjoong; LEE, Jeongjoon

(74) Griffith Hack

**Toshiba Infrastructure Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**

(21) 2021342943

(71) Toshiba Mitsubishi-Electric Industrial Systems Corporation

(11) AU-B-2020449203

(21) 2020449203 (22) 22.05.2020

(54) Cutting position control device

(51) Int. Cl.

**B22D 11/126** ( 2006.01 )

**B21B 1/46** ( 2006.01 )

(87) WO2021/234944

(43) 25.11.2021

(44) 04.01.2024

(72) HOUSHUYAMA, Kazuhiro; INABA, Kanzo; NOBUOKA, Kiyoyuki; ASADA, Kunitoshi

(74) Spruson & Ferguson

(71) Tovis Co., Ltd.

(11) AU-B-2021217315

(21) 2021217315 (22) 20.01.2021

(54) Partially curved or foldable display device and manufacturing method therefor

(51) Int. Cl.

**G09F 9/30** ( 2006.01 )

**G06F 1/16** ( 2006.01 )

(87) WO2021/158094

(31) 10-2020-0014175 (32) 06.02.20 (33) KR

(43) 12.08.2021

(44) 04.01.2024

(72) KIM, Yong Beom; PARK, Ryong Min; LEE, In Suk; LEE, Won Gyu; KIM, Eun Sung

(74) Spruson & Ferguson

(71) Translate Bio, Inc.

(11) AU-B-2018224326

(21) 2018224326 (22) 27.02.2018

(54) Novel codon-optimized CFTR mRNA

(51) Int. Cl.

**A61K 38/17** ( 2006.01 )

**A61K 9/127** ( 2006.01 )

**C07K 14/47** ( 2006.01 )

**C12N 15/10** ( 2006.01 )

(87) WO2018/157154

(31) 62/464,215 (32) 27.02.17 (33) US

(43) 30.08.2018

(44) 04.01.2024

(72) Dias, Anusha; Abysalh, Jonathan; Bettencourt, Brian; Derosa, Frank; Heartlein, Michael

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) TripleW Ltd.

(11) AU-B-2021222598

(21) 2021222598 (22) 18.02.2021

(54) Methods and systems for lactic acid production and polylactic acid recycling

(51) Int. Cl.

**C08J 11/16** ( 2006.01 )

**B29B 17/04** ( 2006.01 )

**C07C 51/02** ( 2006.01 )

**C07C 51/09** ( 2006.01 )

**C12N 9/04** ( 2006.01 )

**C12N 9/24** ( 2006.01 )

**C12P 7/56** ( 2006.01 )

**C12P 41/00** ( 2006.01 )

(87) WO2021/165964

(31) 62/978,338 (32) 19.02.20 (33) US

(43) 26.08.2021

(44) 04.01.2024

(72) SHAPIRA, Tal; GREENER, Tsvika; HARNOY, Assaf J.

(74) PIPERS

(71) Truma Gerätetechnik GmbH & Co. KG

(11) AU-B-2019264287

(21) 2019264287 (22) 26.04.2019

(54) Device for distributing air

(51) Int. Cl.

**F24F 13/02** ( 2006.01 )

**F24F 13/062** ( 2006.01 )

**F24F 13/08** ( 2006.01 )

(87) WO2019/211192

(31) 10 2018 003 524.8 (32) 02.05.18 (33) DE

(43) 07.11.2019

(44) 04.01.2024

(72) LAGING, Johannes; ÜNNÜ, Kamil; ERDOGAN, Fikret; PIEGSA, Siegfried

(74) Spruson & Ferguson

(71) TxEGT Automotive Powertrain Technology Co., Ltd

(11) AU-B-2020422038

(21) 2020422038 (22) 11.12.2020

(54) Solar gas turbine power generation system employing photothermal principle

(51) Int. Cl.

**F03G 6/06** ( 2006.01 )

**F02C 6/00** ( 2006.01 )

(87) WO2021/143416

(31) 202010062944.7 (32) 19.01.20 (33) CN

(43) 22.07.2021

(44) 04.01.2024

(72) JIN, Pu

(74) Spruson & Ferguson

(71) Unified Brands, Inc.

(11) AU-B-2021218202

(21) 2021218202 (22) 20.08.2021

(54) Washing machine, components thereof and methods of cleaning

(51) Int. Cl.

Applications Accepted - Name Index cont'd

**A47L 15/08** ( 2006.01 )  
**(43)** 09.09.2021  
**(44)** 04.01.2024  
**(62)** 2020200896  
**(72)** Licata, Michael; Powers, Richard; Gast, David  
**(74)** FB Rice Pty Ltd

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**(71)** Unilever Global IP Limited  
**(11)** AU-B-2021299894  
**(21)** 2021299894 **(22)** 17.06.2021  
**(54)** A unit dose capsule  
**(51)** Int. Cl.  
**C11D 11/00** ( 2006.01 )  
**C11D 17/04** ( 2006.01 )  
**(87)** WO2022/002620  
**(31)** PCT/ **(32)** 03.07.20 **(33)** CN  
 CN2020/100209  
 20190812.6 13.08.20 EP  
**(43)** 06.01.2022  
**(44)** 04.01.2024  
**(72)** DAI, Mo; DONG, Siyu  
**(74)** Davies Collison Cave Pty Ltd

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**Universität Bern see Universität Zürich**  
**(21)** 2018231413

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**(71)** Universität Bern; ETH Zürich  
**(11)** AU-B-2022200542  
**(21)** 2022200542 **(22)** 28.01.2022  
**(54)** INOSITOL DERIVATIVES FOR USE IN PATHOLOGICAL CRYSTALLIZATION  
**(51)** Int. Cl.  
**A61K 47/50** ( 2017.01 )  
**A61K 31/6615** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 9/14** ( 2006.01 )  
**(43)** 17.02.2022  
**(44)** 04.01.2024  
**(62)** 2016368547  
**(72)** Ivarsson, Mattias; Castagner, Bastien; Leroux, Jean-Christophe; Pasch, Andreas  
**(74)** SR Intellectual Property

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**(71)** Universitat de Barcelona  
**(11)** AU-B-2019291034  
**(21)** 2019291034 **(22)** 19.06.2019  
**(54)** Polycyclic compounds as soluble epoxide hydrolase inhibitors  
**(51)** Int. Cl.  
**C07C 271/56** ( 2006.01 )  
**A61K 31/17** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C07C 275/26** ( 2006.01 )  
**C07C 335/16** ( 2006.01 )  
**C07D 211/34** ( 2006.01 )  
**C07D 211/58** ( 2006.01 )  
**C07D 211/96** ( 2006.01 )  
**C07D 277/82** ( 2006.01 )  
**C07D 451/04** ( 2006.01 )  
**C07D 493/08** ( 2006.01 )  
**(87)** WO2019/243414  
**(31)** 18382445.7 **(32)** 20.06.18 **(33)** EP

**(43)** 26.12.2019  
**(44)** 04.01.2024  
**(72)** CODONY I GISBERT, Sandra; GALDEANO CANTADOR, Carlos; LEIVA MARTÍNEZ, Rosana; LARISA TURCU, Andreea; VALVERDE MURILLO, Elena; VÁZQUEZ CRUZ, Santiago  
**(74)** Spruson & Ferguson

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**(71)** Universität Zürich; Universität Bern; Evax AG  
**(11)** AU-B-2018231413  
**(21)** 2018231413 **(22)** 07.03.2018  
**(54)** Treatment of pruritus in horses  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/35** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**(87)** WO2018/162577  
**(31)** 17159644.8 **(32)** 07.03.17 **(33)** EP  
**(43)** 13.09.2018  
**(44)** 04.01.2024  
**(72)** Fettelschoss, Antonia; Fettelschoss, Victoria; Bachmann, Martin  
**(74)** FB Rice Pty Ltd

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**Université Paris Xii Val De Marne see Centre National De La Recherche Scientifique**  
**(21)** 2018343867

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**(71)** University College Dublin, National University of Ireland, Dublin  
**(11)** AU-B-2018265597  
**(21)** 2018265597 **(22)** 11.05.2018  
**(54)** A system and device  
**(51)** Int. Cl.  
**G01N 15/14** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**C12Q 1/04** ( 2006.01 )  
**G01N 21/03** ( 2006.01 )  
**G01N 15/00** ( 2006.01 )  
**(87)** WO2018/206802  
**(31)** 17170902.5 **(32)** 12.05.17 **(33)** EP  
**(43)** 15.11.2018  
**(44)** 04.01.2024  
**(72)** De Waal, Theo; Ebrahimi, Roohollah; Krivoruchko, Michael; Lobaskin, Vladimir; McOwan, Trish; O'Connor, William; Scholz, Dimitri  
**(74)** MOSAIC IP

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**(71)** University of Pittsburgh - of the Commonwealth System of Higher Education  
**(11)** AU-B-2017378320  
**(21)** 2017378320 **(22)** 13.12.2017  
**(54)** Methods of treating cancers containing fusion genes  
**(51)** Int. Cl.  
**C12N 9/12** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )

**C12Q 1/68** ( 2018.01 )  
**(87)** WO2018/112090  
**(31)** 62/433,600 **(32)** 13.12.16 **(33)** US  
**(43)** 21.06.2018  
**(44)** 04.01.2024  
**(72)** Luo, Jianhua; Chen, Zhanghui; Yu, Yanping; Michalopoulos, George; Nelson, Joel B.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** UPL Ltd  
**(11)** AU-B-2018402682  
**(21)** 2018402682 **(22)** 28.12.2018  
**(54)** Herbicidal combinations  
**(51)** Int. Cl.  
**A01N 43/653** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**A01N 57/00** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**(87)** WO2019/142045  
**(31)** 201831001974 **(32)** 17.01.18 **(33)** IN  
**(43)** 25.07.2019  
**(44)** 04.01.2024  
**(72)** SHROFF, Jaidev Rajnikant; SHROFF, Vikram Rajnikant; CUNHA, Joaquim Ribeiro da; FABRI, Carlos Eduardo; JUNIOR, Sergio Tadeu Decaro; SILVA, Ferdinando Marcos Lima; HOHMANN, Luciano Zanotto  
**(74)** Churchill Attorneys

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**(71)** Vanderbilt University  
**(11)** AU-B-2020345951  
**(21)** 2020345951 **(22)** 11.09.2020  
**(54)** Neuromodulation of the glossopharyngeal nerve to improve sleep disordered breathing  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2021/050829  
**(31)** 62/900,442 **(32)** 13.09.19 **(33)** US  
 62/961,338 15.01.20 US  
**(43)** 18.03.2021  
**(44)** 04.01.2024  
**(72)** KENT, David T.  
**(74)** ACROGON GROUP PTY LTD

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**(71)** Vexo International (UK) Limited  
**(11)** AU-B-2019226431  
**(21)** 2019226431 **(22)** 12.02.2019  
**(54)** Fluid circuit filling apparatus and method  
**(51)** Int. Cl.  
**F24D 19/00** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )  
**E03B 7/07** ( 2006.01 )  
**(87)** WO2019/166766  
**(31)** 1803136.9 **(32)** 27.02.18 **(33)** GB  
**(43)** 06.09.2019  
**(44)** 04.01.2024  
**(72)** COWLEY, Richard; WILKINSON, Darren  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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**(71)** Vilox AB  
**(11)** AU-B-2020400885



Applications Accepted - Name Index cont'd

(21) 2020400885 (22) 11.12.2020  
 (54) Releasable joining system for floor panels, a floor panel, a floor system, a method for laying and a method for releasing a floor panel  
 (51) Int. Cl.  
**E04F 15/02** ( 2006.01 )  
 (87) WO2021/118448  
 (31) 1951462-9 (32) 13.12.19 (33) SE  
 (43) 17.06.2021  
 (44) 04.01.2024  
 (72) MARKOVSKI, Bobby  
 (74) FB Rice Pty Ltd

(71) VISRE PTE. LTD.  
 (11) AU-B-2017402745  
 (21) 2017402745 (22) 16.08.2017  
 (54) Visual performance assessment  
 (51) Int. Cl.  
**A61B 3/02** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (87) WO2018/164636  
 (31) 10201701755X (32) 04.03.17 (33) SG  
 (43) 13.09.2018  
 (44) 04.01.2024  
 (72) Gunasekeran, Dinesh Visva  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) VOR Biopharma, Inc.  
 (11) AU-B-2018229351  
 (21) 2018229351 (22) 28.02.2018  
 (54) Compositions and methods for inhibition of lineage specific proteins  
 (51) Int. Cl.  
**A61K 35/12** ( 2015.01 )  
**A61K 35/14** ( 2015.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 35/38** ( 2015.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**C12N 5/0789** ( 2010.01 )  
 (87) WO2018/160768  
 (31) 62/464,975 (32) 28.02.17 (33) US  
 (43) 07.09.2018  
 (44) 04.01.2024  
 (72) Bolen, Joseph; Radovic-Moreno, Aleksandar Filip; Lydeard, John  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2020353147  
 (21) 2020353147 (22) 25.09.2020  
 (54) Wires of nickel-titanium alloy and methods of forming the same  
 (51) Int. Cl.  
**C22C 14/00** ( 2006.01 )  
**C22C 19/00** ( 2006.01 )  
**C22C 19/03** ( 2006.01 )  
**C22F 1/00** ( 2006.01 )  
**C22F 1/10** ( 2006.01 )  
**C22F 1/18** ( 2006.01 )  
 (87) WO2021/062186  
 (31) 62/907,490 (32) 27.09.19 (33) US  
 (43) 01.04.2021

(44) 04.01.2024  
 (72) BORN, Debra K.; KUMAR, Parikshith K.; MAJOLAGBE, Kehinde A.; NELSON, Jared S.; SILVERMAN, James D.  
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.  
 (11) AU-B-2020353148  
 (21) 2020353148 (22) 25.09.2020  
 (54) Wires of superelastic nickel-titanium alloy and methods of forming the same  
 (51) Int. Cl.  
**C22C 14/00** ( 2006.01 )  
**C22C 19/00** ( 2006.01 )  
**C22C 19/03** ( 2006.01 )  
**C22F 1/00** ( 2006.01 )  
**C22F 1/10** ( 2006.01 )  
**C22F 1/18** ( 2006.01 )  
 (87) WO2021/062191  
 (31) 62/907,500 (32) 27.09.19 (33) US  
 (43) 01.04.2021  
 (44) 04.01.2024  
 (72) KUMAR, Parikshith K.  
 (74) Griffith Hack

(71) Warsaw Orthopedic, Inc.  
 (11) AU-B-2022228146  
 (21) 2022228146 (22) 08.09.2022  
 (54) Expandable spinal implant system with a biased tip and method of using same  
 (51) Int. Cl.  
**A61F 2/28** ( 2006.01 )  
 (43) 29.09.2022  
 (44) 04.01.2024  
 (62) 2017245370  
 (72) Dvorak, Marcel; Berven, Sigurd; Melkent, Anthony J.; Fisher, Charles; Miller, Keith E.; Kuyler, Adriaan J.; Djurasovic, Mladen; Branch, Charles; Dewey, Jonathan M.  
 (74) FB Rice Pty Ltd

(71) Washington University  
 (11) AU-B-2018386091  
 (21) 2018386091 (22) 12.12.2018  
 (54) System and method for determining segments for ablation  
 (51) Int. Cl.  
**G06T 5/50** ( 2006.01 )  
 (87) WO2019/118640  
 (31) 62/598,162 (32) 13.12.17 (33) US  
 62/607,084 18.12.17 US  
 (43) 20.06.2019  
 (44) 04.01.2024  
 (72) ROBINSON, Clifford; CUCULICH, Philip; HUGO, Geoffrey  
 (74) GLMR

(71) Watson Marlow GmbH  
 (11) AU-B-2020371945  
 (21) 2020371945 (22) 22.10.2020  
 (54) Conveyor Device at least for Conveying a Fluid and Pump comprising such a Conveyor Device  
 (51) Int. Cl.  
**F04B 43/00** ( 2006.01 )  
**F04B 43/08** ( 2006.01 )

**F04B 43/12** ( 2006.01 )  
**F04C 5/00** ( 2006.01 )  
**F04B 53/20** ( 2006.01 )  
**F04B 53/22** ( 2006.01 )  
 (87) WO2021/078898  
 (31) 10 2019 128 679.4 (32) 23.10.19 (33) DE  
 (43) 29.04.2021  
 (44) 04.01.2024  
 (72) KRUTZENBICHLER, Alois; FREIHERR VARNBÜLER VON UND ZU HEMMINGEN-REDSCHLAG, Lars; RITSCHKA, Raymond; HAUG, Nico  
 (74) Spruson & Ferguson

(71) Weatherford U.K. Limited  
 (11) AU-B-2018298471  
 (21) 2018298471 (22) 17.05.2018  
 (54) Downhole fluid control apparatus  
 (51) Int. Cl.  
**E21B 34/10** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**F16K 7/06** ( 2006.01 )  
**F16K 11/06** ( 2006.01 )  
**F16K 27/02** ( 2006.01 )  
**F16K 31/122** ( 2006.01 )  
 (87) WO2019/008310  
 (31) 1710654.3 (32) 03.07.17 (33) GB  
 (43) 10.01.2019  
 (44) 04.01.2024  
 (72) Reid, Stephen  
 (74) WRAYS PTY LTD

(71) Whitehead Institute For Biomedical Research  
 (11) AU-B-2017313912  
 (21) 2017313912 (22) 18.08.2017  
 (54) Methods of editing DNA methylation  
 (51) Int. Cl.  
**C12N 15/55** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 38/46** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
 (87) WO2018/035495  
 (31) 62/377,520 (32) 19.08.16 (33) US  
 (43) 22.02.2018  
 (44) 04.01.2024  
 (72) Jaenisch, Rudolf; Liu, X. Shawn; Wu, Hao  
 (74) Spruson & Ferguson

(71) WHITNEY, C.  
 (11) AU-B-2018297940  
 (21) 2018297940 (22) 15.06.2018  
 (54) Dripless dog bowl  
 (51) Int. Cl.  
**A01K 7/00** ( 2006.01 )  
 (87) WO2019/009991  
 (31) 15/640,633 (32) 03.07.17 (33) US  
 (43) 10.01.2019  
 (44) 04.01.2024  
 (72) WHITNEY, Charles T.  
 (74) Davies Collison Cave Pty Ltd

Applications Accepted - Name Index cont'd

(71) Wiley, W.  
 (11) AU-B-2018341335  
 (21) 2018341335 (22) 25.09.2018  
 (54) Self-contained ocular surgery instrument  
 (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )  
 (87) WO2019/067435  
 (31) 62/563,408 (32) 26.09.17 (33) US  
 (43) 04.04.2019  
 (44) 04.01.2024  
 (72) WILEY, William F.  
 (74) Griffith Hack

(71) Willand (Beijing) Technology Co., LTD.  
 (11) AU-B-2023204411  
 (21) 2023204411 (22) 07.07.2023  
 (54) METHOD FOR SWITCHING BASE STATION OF MOWER, MOWER AND MULTI-BASE STATION WORKING SYSTEM  
 (51) Int. Cl.  
**A01D 34/00** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
 (31) 202210800123.8 (32) 08.07.22 (33) CN  
 (43) 04.01.2024  
 (44) 04.01.2024  
 (72) Chou, Boxing; Yu, Tianning; Chen, Zichong  
 (74) Madderns Pty Ltd

(71) Wing Acoustics Limited  
 (11) AU-B-2021257996  
 (21) 2021257996 (22) 28.10.2021  
 (54) IMPROVEMENTS IN OR RELATING TO AUDIO TRANSDUCERS  
 (51) Int. Cl.  
**H04R 7/04** ( 2006.01 )  
**H04R 7/00** ( 2006.01 )  
**H04R 7/24** ( 2006.01 )  
**H04R 9/00** ( 2006.01 )  
 (43) 25.11.2021  
 (44) 04.01.2024  
 (62) 2016322836  
 (72) Palmer, Michael; Palmer, David  
 (74) Discover IP

(71) Wm. Wrigley Jr. Company  
 (11) AU-B-2018331381  
 (21) 2018331381 (22) 13.09.2018  
 (54) Chewy confectionery product  
 (51) Int. Cl.  
**A23G 1/40** ( 2006.01 )  
**A23G 3/42** ( 2006.01 )  
**A23G 4/10** ( 2006.01 )  
**A23L 29/212** ( 2016.01 )  
 (87) WO2019/055626  
 (31) 62/558,929 (32) 15.09.17 (33) US  
 (43) 21.03.2019  
 (44) 04.01.2024  
 (72) HAVRANEK, Jiri; JINDRICH, Josef; KASPAROVA, Katerina; BARON, Jiri  
 (74) MINTER ELLISON

(71) Wov, Besloten Vennootschap Met Beperkte Aansprakelijkheid  
 (11) AU-B-2020362998  
 (21) 2020362998 (22) 07.10.2020  
 (54) Wall system for composing a flat wall and construction kit applied thereby  
 (51) Int. Cl.  
**E04C 2/12** ( 2006.01 )  
**E04B 2/56** ( 2006.01 )  
**E04B 2/70** ( 2006.01 )  
**E04C 2/14** ( 2006.01 )  
**E04C 2/40** ( 2006.01 )  
 (87) WO2021/070073  
 (31) 2019/5660 (32) 08.10.19 (33) BE  
 (43) 15.04.2021  
 (44) 04.01.2024  
 (72) VERRAES, Wolfgang Pol Jozef  
 (74) Halfords IP

(71) Xuzhou College of Industrial Technology; Jiangsu Topower Tyre Co., Ltd.  
 (11) AU-B-2022260910  
 (21) 2022260910 (22) 15.03.2022  
 (54) Method for fabricating bulletproof and explosion-proof tubeless tire  
 (51) Int. Cl.  
**B60C 9/02** ( 2006.01 )  
**B29D 30/06** ( 2006.01 )  
 (87) WO2022/222645  
 (31) 202110416013.7 (32) 19.04.21 (33) CN  
 (43) 27.10.2022  
 (44) 04.01.2024  
 (72) XU, Yunhui; SUN, Peng; LIU, Genchun; ZANG, Yanan; WANG, Zaixue; LI, Peipei; CONG, Houluo; ZHAO, Guiying; LIU, Feng; LI, Jiansong  
 (74) Ran Tao

(71) Yara International ASA  
 (11) AU-B-2018390831  
 (21) 2018390831 (22) 19.12.2018  
 (54) Catalyst support systems for ammonia oxidation burners  
 (51) Int. Cl.  
**B01J 8/02** ( 2006.01 )  
**C01B 21/26** ( 2006.01 )  
 (87) WO2019/121862  
 (31) 17208502.9 (32) 19.12.17 (33) EP  
 (43) 27.06.2019  
 (44) 04.01.2024  
 (72) BAKLI, Kjetil; DRING, Kevin; NIRISEN, Øystein; DELHAYE, Marcel; DE SMET, André  
 (74) WRAYS PTY LTD

(71) Yara International ASA  
 (11) AU-B-2019229550  
 (21) 2019229550 (22) 05.03.2019  
 (54) A setting and hardening accelerator for a cement, mortar or concrete composition, optionally comprising supplementary cementitious materials, and use of this accelerator  
 (51) Int. Cl.  
**C04B 40/00** ( 2006.01 )  
**C04B 28/02** ( 2006.01 )  
**C04B 103/10** ( 2006.01 )  
 (87) WO2019/170657  
 (31) 18160001.6 (32) 05.03.18 (33) EP

(43) 12.09.2019  
 (44) 04.01.2024  
 (72) FRANKE, Wolfram; THOMMESEN, Hilde  
 (74) WRAYS PTY LTD

(71) Yara International ASA  
 (11) AU-B-2021294256  
 (21) 2021294256 (22) 16.06.2021  
 (54) Process for the removal of heavy metals from a phosphoric acid containing composition  
 (51) Int. Cl.  
**B09B 3/00** ( 2022.01 )  
**C01B 25/234** ( 2006.01 )  
**C01B 25/238** ( 2006.01 )  
**C01G 11/00** ( 2006.01 )  
**C01G 13/00** ( 2006.01 )  
**C01G 21/00** ( 2006.01 )  
**C22B 3/16** ( 2006.01 )  
**C22B 3/44** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
 (87) WO2021/255065  
 (31) 20180341.8 (32) 16.06.20 (33) EP  
 20195118.3 08.09.20 EP  
 (43) 23.12.2021  
 (44) 04.01.2024  
 (72) KITA, Patrycja; JØRGENSEN, Tom Rames; VOJNOVIC, Tanja; BØYESEN, Katrine Lie  
 (74) WRAYS PTY LTD

(71) YETI Coolers, LLC  
 (11) AU-B-2018268847  
 (21) 2018268847 (22) 16.05.2018  
 (54) Insulating container having vacuum insulated panels and method  
 (51) Int. Cl.  
**B65D 81/38** ( 2006.01 )  
**B65B 31/04** ( 2006.01 )  
 (87) WO2018/213448  
 (31) 15/596,747 (32) 16.05.17 (33) US  
 (43) 22.11.2018  
 (44) 04.01.2024  
 (72) Seiders, Roy Joseph; Keller, Christopher M.; Abante, Edward; Bullock, Dustin; Neely, Matthew; Rane, Mark Carlson; Sonntag, James William; Zuck, Dennis  
 (74) GLMR

(71) Yext, Inc.  
 (11) AU-B-2018358041  
 (21) 2018358041 (22) 31.10.2018  
 (54) Knowledge search engine platform for enhanced business listings  
 (51) Int. Cl.  
**G06F 16/9032** ( 2019.01 )  
 (87) WO2019/089802  
 (31) 62/671,918 (32) 15.05.18 (33) US  
 62/661,367 23.04.18 US  
 62/579,748 31.10.17 US  
 (43) 09.05.2019  
 (44) 04.01.2024  
 (72) LERMAN, Howard; CAFFREY, Kevin; FRAILEY, Catherine; BERRY, Benjamin; SHAW, Max; FERRENTINO, Marc; TRAN, Dan; KENNELL, Jonathan; PENUGONDA, Akul  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

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(71) ZHEJIANG JINKO SOLAR CO., LTD.;  
JINKO SOLAR CO., LTD.  
(11) AU-B-2022241631  
(21) 2022241631 (22) 03.10.2022  
(54) SOLAR CELL AND PHOTOVOLTAIC  
MODULE  
(51) Int. Cl.  
H01L 31/042 ( 2014.01 )  
H01L 31/0224 ( 2006.01 )  
H01L 31/06 ( 2012.01 )  
(31) CN (32) 05.08.22 (33) CN  
202210940296.X  
CN 05.08.22 CN  
202222078085.8  
(43) 04.01.2024  
(44) 04.01.2024  
(72) ZHANG, Bike; LIAO, Guangming;  
ZHANG, Lin'an; JIN, Jingsheng;  
ZHANG, Xinyu  
(74) AUSTRALASIA IP PTY LTD

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(71) ZHEJIANG JINKO SOLAR CO., LTD.;  
JINKO SOLAR CO., LTD.  
(11) AU-B-2022283790  
(21) 2022283790 (22) 09.12.2022  
(54) PHOTOVOLTAIC CELL AND PHOTO-  
VOLTAIC MODULE  
(51) Int. Cl.  
H01L 21/04 ( 2006.01 )  
H01L 27/02 ( 2006.01 )  
H01L 31/02 ( 2006.01 )  
H01L 31/042 ( 2014.01 )  
(31) CN (32) 28.09.22 (33) CN  
202211193991.0  
(43) 04.01.2024  
(44) 04.01.2024  
(72) JIN, Jingsheng; ZHANG, Bo; ZHANG,  
Bike; LIAO, Guangming; ZHANG,  
Lin'an; ZHANG, Xinyu  
(74) AUSTRALASIA IP PTY LTD

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(71) Zoomlion Intelligent Access Machinery  
Co., Ltd.  
(11) AU-B-2021322990  
(21) 2021322990 (22) 30.03.2021  
(54) Feedback current control device and  
aerial platform truck  
(51) Int. Cl.  
B60L 7/10 ( 2006.01 )  
B60L 3/00 ( 2019.01 )  
H02J 7/00 ( 2006.01 )  
H02J 7/14 ( 2006.01 )  
(87) WO2022/027984  
(31) 202010768953.8 (32) 03.08.20 (33) CN  
(43) 10.02.2022  
(44) 04.01.2024  
(72) REN, Huiji; ZHONG, Yi; ZHU, Hou;  
XIONG, Lu; SUN, Weiping  
(74) WRAYS PTY LTD

Numerical Index

<b>2016364889</b>	Agenus Inc.; Memorial Sloan-Kettering Cancer Center; Ludwig Institute for Cancer Research Ltd.	<b>2018269547</b>	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.
<b>2016381992</b>	Chugai Seiyaku Kabushiki Kaisha	<b>2018273178</b>	Saipem S.p.A.
<b>2017214850</b>	Immune System Key Ltd.	<b>2018275570</b>	Sargent Manufacturing Company
<b>2017221840</b>	CSL Behring LLC	<b>2018279829</b>	Editas Medicine, Inc.
<b>2017254565</b>	Integrated Research Associates, LLC	<b>2018284233</b>	Smith & Nephew, Inc.
<b>2017266298</b>	Boehringer Ingelheim International GmbH	<b>2018284669</b>	Hochiki Corporation
<b>2017295608</b>	H. Lundbeck A/S	<b>2018285822</b>	Euro-Celtique S.A.
<b>2017313138</b>	The Regents of the University of California	<b>2018287736</b>	TECHTRONIC CORDLESS GP
<b>2017313912</b>	Whitehead Institute For Biomedical Research	<b>2018293444</b>	Observe Technologies Limited
<b>2017316709</b>	Cancer Research Technology Limited	<b>2018297577</b>	Thales
<b>2017321708</b>	Rutgers, The State University of New Jersey	<b>2018297940</b>	WHITNEY, C.
<b>2017322522</b>	Cornell University	<b>2018298471</b>	Weatherford U.K. Limited
<b>2017347725</b>	Janssen Pharmaceuticals, Inc.	<b>2018304463</b>	Otsuka Pharmaceutical Co., Ltd.
<b>2017354932</b>	Nomad Tackle Pty Ltd	<b>2018304808</b>	Electrolux Appliances Aktiebolag
<b>2017356926</b>	Novomedix, LLC	<b>2018307701</b>	Alcon Inc.
<b>2017357044</b>	Becton, Dickinson and Company	<b>2018308563</b>	BASF SE
<b>2017364476</b>	Jason Ayoub Pty Limited	<b>2018309039</b>	Illinois Tool Works Inc.
<b>2017378320</b>	University of Pittsburgh - of the Commonwealth System of Higher Education	<b>2018309559</b>	Effusiontech IP Pty Ltd
<b>2017380318</b>	Koninklijke Douwe Egberts B.V.	<b>2018309736</b>	Kimberly-Clark Worldwide, Inc.
<b>2017391164</b>	Takeda Pharmaceutical Company Limited	<b>2018310825</b>	Elemental Engineering AG
<b>2017402745</b>	VISRE PTE. LTD.	<b>2018311197</b>	Kalverkamp Innovation GmbH
<b>2017422539</b>	Electrolux Appliances Aktiebolag	<b>2018312896</b>	Haldor Topsøe A/S
<b>2017426490</b>	Electrolux Appliances Aktiebolag	<b>2018317658</b>	Paul Wurth S.A.
<b>2017430148</b>	Kimberly-Clark Worldwide, Inc.	<b>2018319030</b>	Knauf Gips KG
<b>2017436819</b>	Deere & Company; Auburn University	<b>2018321896</b>	JRSK, Inc.
<b>2017440227</b>	Gas Technology Institute	<b>2018323627</b>	Arthrex, Inc.
<b>2017441379</b>	Fundació Institut de Ciències Fotòniques; Institució Catalana de Recerca i Estudis Avançats	<b>2018325090</b>	Leng, L.
<b>2017444344</b>	Dow Global Technologies LLC; Rohm and Haas Company	<b>2018326485</b>	Bayer HealthCare LLC
<b>2018200210</b>	Schmidt & Bender GmbH & Co. KG	<b>2018327402</b>	Schachtner Vermögensverwaltungs GmbH & Co. KG
<b>2018200215</b>	Toddy, LLC	<b>2018328750</b>	Smith, V.
<b>2018200811</b>	CRUISEMASTER AUSTRALIA PTY LTD	<b>2018329967</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018204079</b>	Aktiebolaget SKF	<b>2018331269</b>	Laitram, L.L.C.
<b>2018204763</b>	Spectrum Brands, Inc.	<b>2018331381</b>	Wm. Wrigley Jr. Company
<b>2018218176</b>	Conveyor Manufacturers Australia Pty Ltd	<b>2018333273</b>	Patented Foundations Pty Ltd
<b>2018220042</b>	Medos International Sarl	<b>2018336054</b>	Salts Healthcare Limited
<b>2018220043</b>	Caterpillar Inc.	<b>2018338717</b>	PrinterLogic, Inc.
<b>2018222931</b>	Otis Elevator Company	<b>2018339565</b>	Kimberly-Clark Worldwide, Inc.
<b>2018222992</b>	Palo Alto Research Center Incorporated	<b>2018341260</b>	Research Triangle Institute
<b>2018224326</b>	Translate Bio, Inc.	<b>2018341335</b>	Wiley, W.
<b>2018224378</b>	GPCP IP Holdings LLC	<b>2018343867</b>	Centre National De La Recherche Scientifique; Université Paris XII Val De Marne
<b>2018225190</b>	Dupont Industrial BioSciences USA, LLC	<b>2018348807</b>	Tesla Medical s.r.o.
<b>2018225327</b>	Rabhi, V.	<b>2018350939</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
<b>2018227062</b>	Eaton Corporation	<b>2018351589</b>	Biotage AB
<b>2018229351</b>	VOR Biopharma, Inc.	<b>2018351709</b>	Intrabio Limited
<b>2018230435</b>	Regal Beloit America, Inc.	<b>2018355893</b>	A.C.N. 629 573 093 PTY. LTD.
<b>2018231413</b>	Universität Zürich; Universität Bern; Evax AG	<b>2018358041</b>	Yext, Inc.
<b>2018235030</b>	Rabmed A/S	<b>2018359825</b>	BAE Systems PLC
<b>2018235944</b>	Amgen Inc.	<b>2018360818</b>	TEXTRON SYSTEMS CORPORATION
<b>2018236224</b>	Alpine Immune Sciences, Inc.	<b>2018361811</b>	Greg Rowe Limited
<b>2018249513</b>	Tatsumura Hillyer, K.; Miyashita, M.	<b>2018363663</b>	Itechimica S.r.l.
<b>2018250498</b>	Luchak, P.	<b>2018371681</b>	Getzner Werkstoffe Holding GmbH
<b>2018251872</b>	MGPI Processing, Inc.	<b>2018383674</b>	Joy Global Underground Mining LLC
<b>2018253796</b>	BPW Bergische Achsen KG	<b>2018385557</b>	Biological E Limited
<b>2018254426</b>	Cedars-Sinai Medical Center	<b>2018386091</b>	Washington University
<b>2018255303</b>	Pure Fishing, Inc.	<b>2018390831</b>	Yara International ASA
<b>2018256404</b>	Becton, Dickinson and Company	<b>2018401815</b>	Fresenius Medical Care Holdings, Inc.
<b>2018256446</b>	DePuy Synthes Products, Inc.	<b>2018402682</b>	UPL Ltd
<b>2018259245</b>	Fisher & Paykel Healthcare Limited	<b>2018415016</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018263955</b>	Litherland, C.; Jaccoma, E.; Jaccoma, A.	<b>2018434354</b>	Halliburton Energy Services, Inc.
<b>2018264148</b>	The Boeing Company	<b>2019202017</b>	ALSTOM Transport Technologies; Alpha Innovations S.A.
<b>2018265597</b>	University College Dublin, National University of Ireland, Dublin	<b>2019210983</b>	De' Longhi Appliances S.r.l.
<b>2018268228</b>	Metso Outotec Finland Oy	<b>2019217958</b>	The Chamberlain Group LLC
<b>2018268847</b>	YETI Coolers, LLC		

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2019226431	Vexo International (UK) Limited	2020411713	Pylon Technologies, Co., Ltd
2019228505	Georgia Tech Research Corporation	2020414202	LG Chem, Ltd.
2019229550	Yara International ASA	2020414869	Technologies' Xanadu of Resonatory-Solar-Systemed Co., Ltd
2019230114	Austin Star Detonator Company	2020422038	TxEgt Automotive Powertrain Technology Co., Ltd
2019235549	ArcelorMittal	2020423394	Changzhou Xinhui Netting Co., Ltd.
2019237839	Samsung Electronics Co., Ltd.	2020436828	Suzhou Tuntex Fiber & Carpet Co., Ltd.
2019240648	Aboff, C.	2020437816	Husqvarna AB
2019246970	Qualcomm Incorporated	2020439471	SentryCard Technologies, Inc.
2019250442	Desolenator B.V.	2020440893	Shenzhen Shokz Co., Ltd.
2019256003	Srinivasan, T.	2020444017	Boston Scientific Scimed, Inc.
2019256753	LIDA Plant Research S.L.; OAT Agrio Co., Ltd.	2020444688	Sungrow Power Supply Co., Ltd.
2019264287	Truma Gerätetechnik GmbH & Co. KG	2020449203	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2019270168	GENESYS CLOUD SERVICES HOLDINGS II, LLC	2020459437	Guangzhou Qinglan Biotechnology Co., Ltd.
2019282761	The Brigham and Women's Hospital, Inc.	2020474030	Sekisui House, Ltd.
2019291034	Universitat de Barcelona	2021203300	F. Hoffmann-La Roche AG
2019293572	Meiji Seika Pharma Co.,Ltd.	2021204313	RA Pharmaceuticals, Inc.
2019300490	Resorcix Ltd.	2021205564	Huawei Technologies Co., Ltd.
2019311595	Mitsubishi Tanabe Pharma Corporation	2021206955	Kyocera Corporation
2019319599	Bracco Imaging SpA	2021207300	Purac Biochem B.V.
2019333921	Future Grid Pty Ltd	2021209346	Multipouch Pty Ltd
2019338412	BP Corporation North America Inc.	2021211677	Proprio, Inc.
2019362095	Evolution Industries IP Pty Ltd	2021217315	Tovis Co., Ltd.
2019377016	RotoTech Pte Ltd	2021218202	Unified Brands, Inc.
2019379858	Janssen Biotech, Inc.	2021221448	Sun Pharmaceutical Industries Australia Pty Limited
2019387189	Rapid Granulator AB	2021221759	Hanes Innerwear Australia Pty Ltd
2019387627	Chevron U.S.A. Inc.	2021222598	TripleW Ltd.
2019460131	Lamle, S.	2021225187	FUJIFILM Cellular Dynamics, Inc.
2019461286	Anhui Biox Vision Biological Technology Co., Ltd.	2021225188	Jesani Limited
2019461478	Ecolab USA Inc.	2021225292	Sunrise Technologies Co., Ltd.
2019465528	Sunreef Venture S.A.	2021227210	Meyer Intellectual Properties Limited; Cheng, S.; Taranga, R.
2019476738	Fieldpoint (Cyprus) Limited	2021233820	AdvanSix Resins & Chemicals LLC
2020206246	Huawei Technologies Co., Ltd.	2021233980	AEON BioPharma, Inc.
2020241693	Ionis Pharmaceuticals, Inc.	2021234274	AdvanSix Resins & Chemicals LLC
2020266587	EmendoBio Inc.	2021237640	CaaMTech, Inc.
2020267165	AstraZeneca AB	2021238956	International Business Machines Corporation
2020267589	Musculoskeletal Transplant Foundation	2021239278	Choi, W.N.L.
2020289124	LG Electronics Inc.	2021240191	The Brigham and Women's Hospital, Inc.; Children's Medical Center Corporation
2020290461	Gilead Sciences, Inc.	2021240299	Baxter Healthcare SA; Baxter International Inc
2020308353	Guangdong NewOpp Biopharmaceuticals Co., Ltd.	2021243169	Eagleburgmann Germany GmbH & Co. KG
2020309625	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.	2021245110	LG Electronics Inc.
2020311877	Case Western Reserve University	2021245148	Sigma-Aldrich Co. LLC
2020315443	Graphic Packaging International, LLC	2021245972	BASF Coatings GmbH
2020317436	The Boots Company PLC	2021246978	International Business Machines Corporation
2020325204	CHO Pharma, Inc.	2021250907	Intervet International B.V.
2020327870	Elekta Ltd.	2021254067	Taizhou Yongpai Pack Equipment Co., Ltd.
2020341708	Rigel Pharmaceuticals, Inc.	2021254605	Orica International Pte Ltd
2020344233	Ethicon, Inc.	2021257996	Wing Acoustics Limited
2020345951	Vanderbilt University	2021258096	Kremeyer, K.
2020347141	Baker Hughes Oilfield Operations LLC	2021259155	Baker Hughes Oilfield Operations LLC
2020353147	W. L. Gore & Associates, Inc.	2021260296	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.
2020353148	W. L. Gore & Associates, Inc.	2021261852	Compagnie Generale des Etablissements Michelin
2020354889	Caterpillar Inc.	2021261879	G1 Therapeutics, Inc.
2020355214	Snap-On Incorporated	2021262946	Shenzhen Shokz Co., Ltd.
2020362998	Wov, Besloten Vennootschap Met Beperkte Aansprakelijkheid	2021263793	International Business Machines Corporation
2020364386	International Business Machines Corporation	2021263889	R.G.C.C. Holdings AG
2020366472	Cansino Biologics Inc.	2021266891	International Business Machines Corporation
2020371945	Watson Marlow GmbH	2021269322	Intarcia Therapeutics, Inc.
2020376712	LG Electronics Inc.	2021269379	Dejero Labs Inc.
2020388091	Nuovo Pignone Technologie - S.r.l.	2021269403	Concert Pharmaceuticals Inc.
2020389368	International Business Machines Corporation	2021270688	Siemens Aktiengesellschaft
2020391556	GC Genome Corporation	2021271205	International Business Machines Corporation
2020395084	Pantreon GmbH	2021273375	International Business Machines Corporation
2020398114	LG Electronics Inc.	2021273645	Stryker Corporation
2020400885	Vilox AB	2021277056	LG Electronics Inc.
2020403134	Just-Evotec Biologics, Inc.	2021278726	Carl Freudenberg KG
2020403279	Colgate-Palmolive Company	2021282471	Quantum-Si Incorporated
2020406821	LG Electronics Inc.		
2020407386	AdvanSix Resins & Chemicals LLC		
2020409825	LG Electronics Inc.		

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<b>2021286418</b>	Molecular Partners AG	<b>2022221953</b>	FRONIUS INTERNATIONAL GMBH
<b>2021287836</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	<b>2022224763</b>	ATI Properties LLC
<b>2021288002</b>	International Business Machines Corporation	<b>2022228121</b>	Apple Inc.
<b>2021288876</b>	JFE Steel Corporation	<b>2022228146</b>	Warsaw Orthopedic, Inc.
<b>2021289169</b>	Pfizer Inc.	<b>2022228554</b>	HUBBELL INCORPORATED
<b>2021289307</b>	Hitachi, Ltd.	<b>2022235628</b>	Metromax America Corporation
<b>2021290284</b>	Apple Inc.	<b>2022241484</b>	Precision Planting LLC
<b>2021290313</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, e.V.	<b>2022241565</b>	CareFusion 303, Inc.
<b>2021291150</b>	International Business Machines Corporation	<b>2022241631</b>	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
<b>2021292366</b>	Atlas Elektronik GmbH; thyssenkrupp AG	<b>2022244308</b>	Panduit Corp.
<b>2021294256</b>	Yara International ASA	<b>2022246460</b>	Google LLC
<b>2021294837</b>	International Business Machines Corporation	<b>2022250692</b>	EVONIK OPERATIONS GMBH
<b>2021299894</b>	Unilever Global IP Limited	<b>2022258377</b>	FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD.
<b>2021304541</b>	ILONANDRE PTY LTD	<b>2022260910</b>	Xuzhou College of Industrial Technology; Jiangsu Topower Tyre Co., Ltd.
<b>2021322550</b>	Telefonaktiebolaget LM Ericsson (Publ)	<b>2022263473</b>	Myota, Inc.
<b>2021322990</b>	Zoomlion Intelligent Access Machinery Co., Ltd.	<b>2022263610</b>	Johnson & Johnson Consumer Inc.
<b>2021331214</b>	GILEAD SCIENCES, INC.	<b>2022264614</b>	Fentian Nominees Pty Ltd
<b>2021332873</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	<b>2022279488</b>	LG Electronics Inc.
<b>2021342943</b>	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation	<b>2022283790</b>	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
<b>2021351468</b>	Redarc Technologies Pty Ltd	<b>2022287636</b>	Molecular Templates, Inc.
<b>2021351815</b>	INSTITUTE OF MICROBIOLOGY, CHINESE ACADEMY OF SCIENCES	<b>2022341082</b>	SIGNATURE ORTHOPAEDICS EUROPE LTD
<b>2021389166</b>	NULOK GLOBAL PTY LTD	<b>2022410483</b>	ROBJULZ PTY. LTD.
<b>2021390156</b>	BOMBARDIER TRANSPORTATION GMBH	<b>2022410485</b>	SCHROEFL, C.
<b>2021390590</b>	CYMRA LIFE SCIENCES LIMITED	<b>2023202859</b>	Peking University; Beijing LongRuan Technologies, Inc.
<b>2021402665</b>	KOENIG & BAUER BANKNOTE SOLUTIONS SA	<b>2023202899</b>	LG Electronics Inc.
<b>2021404004</b>	Mito Kogyo Co., Ltd.	<b>2023203170</b>	Electrical Subsea & Drilling AS
<b>2021428990</b>	MITSUBISHI ELECTRIC CORPORATION	<b>2023204411</b>	Willand (Beijing) Technology Co., LTD.
<b>2021435256</b>	China Tiesiju Civil Engineering Group Co., Ltd.; The First Engineering Co.,Ltd. of CTCE Group	<b>2023219862</b>	Lam, T.T.
<b>2022200262</b>	ToolGen Incorporated	<b>2023226710</b>	Kunming University of Science and Technology
<b>2022200348</b>	Smith & Nephew plc	<b>2023233147</b>	Jiang, J.
<b>2022200379</b>	Mallinckrodt Hospital Products IP Limited		
<b>2022200395</b>	Nextivity, Inc.		
<b>2022200399</b>	FISHER & PAYKEL HEALTHCARE LIMITED		
<b>2022200542</b>	Universität Bern; ETH Zürich		
<b>2022200755</b>	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Institute)		
<b>2022200850</b>	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
<b>2022200875</b>	GL COMPANY Co., Ltd.		
<b>2022201239</b>	InterDigital Patent Holdings, Inc.		
<b>2022201294</b>	AstraZeneca AB		
<b>2022201393</b>	Sedic, F.		
<b>2022201423</b>	Snap-on Incorporated		
<b>2022201474</b>	Intradin (Shanghai) Machinery Co., Ltd.		
<b>2022201806</b>	Alarm.Com Incorporated		
<b>2022202341</b>	Kamstrup A/S		
<b>2022202535</b>	Gilead Sciences, Inc.		
<b>2022202600</b>	MicroSintesis Inc.		
<b>2022202772</b>	Fiskars Finland Oy Ab		
<b>2022202800</b>	MorphoSys AG		
<b>2022202832</b>	ASSIA SPE, LLC		
<b>2022202972</b>	Johnson Controls Tyco IP Holdings LLP		
<b>2022203050</b>	Eaton Intelligent Power Limited		
<b>2022203338</b>	CQMS PTY LTD		
<b>2022203413</b>	Dongguan Best Travel Electronics Co.,Ltd.		
<b>2022204222</b>	PERCEPTIVE SENSOR TECHNOLOGIES, INC.		
<b>2022204385</b>	CMR Surgical Limited		
<b>2022204711</b>	Sanofi		
<b>2022206623</b>	CJ CHEILJEDANG CORPORATION		
<b>2022208364</b>	MUREVA PHOTOTHERAPY INC.		
<b>2022209289</b>	Aeovian Pharmaceuticals, Inc.		
<b>2022211854</b>	Pfizer Inc.		
<b>2022218475</b>	ColdQuanta, Inc.		
<b>2022221532</b>	Phil and Teds Design Limited		
<b>2022221565</b>	Samsung Electronics Co., Ltd.		

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<b><u>A61K 8 /-</u></b>	2018326485	2019311595	<b><u>A63F 13 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B29L 31 /-</u></b>
	2018401815	2020290461		2023226710	2020344233
2019476738	<b><u>A61N 1 /-</u></b>	2021289169	2017402745		
2020317436		<b><u>A61P 31 /-</u></b>	<b><u>B01D 11 /-</u></b>	<b><u>B08B 9 /-</u></b>	<b><u>B32B 27 /-</u></b>
2020403279	2018348807			2019377016	2021221759
2020459437	2020345951	2020366472	2021207300		
<b><u>A61K 9 /-</u></b>	<b><u>A61N 5 /-</u></b>	2021263889	<b><u>B01D 15 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>B32B 5 /-</u></b>
		2021331214		2021294256	2020436828
2018224326	2018249513	2022202600	2018351589		2021221759
2019476738	2020327870	2022258377	<b><u>B01D 3 /-</u></b>	<b><u>B21B 1 /-</u></b>	<b><u>B32B 7 /-</u></b>
2021250907	2020410694	<b><u>A61P 35 /-</u></b>		2020449203	
2022209289	2022208364		2019250442		2018309736
2022211854	<b><u>A61P 1 /-</u></b>	2017214850	<b><u>B01D 33 /-</u></b>	<b><u>B21D 22 /-</u></b>	<b><u>B32B 9 /-</u></b>
<b><u>A61L 15 /-</u></b>		2018235944		2021227210	
	2018235944	2018236224	2020395084		2018328750
2020267589	2019293572	2018285822		2020449203	2018309559
2022202600	2021289169	2019293572	<b><u>B01D 35 /-</u></b>	<b><u>B22D 11 /-</u></b>	<b><u>B33Y 40 /-</u></b>
<b><u>A61L 2 /-</u></b>	<b><u>A61P 11 /-</u></b>	2019311595		2020449203	
		2019461286	2020395084		2018309559
2018256404	2019293572	2020290461	<b><u>B01D 45 /-</u></b>	<b><u>B23D 57 /-</u></b>	<b><u>B42D 25 /-</u></b>
<b><u>A61L 27 /-</u></b>	2020366472	2020308353		2019377016	
	2021269403	2021263889	2018312896		2021402665
2021206955	<b><u>A61P 13 /-</u></b>	2021351815	<b><u>B01D 46 /-</u></b>	<b><u>B25J 15 /-</u></b>	<b><u>B60C 9 /-</u></b>
2022202600		2022204711		2021304541	
<b><u>A61L 29 /-</u></b>	2019311595	2022211854	2018312896		2022260910
	<b><u>A61P 17 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>B01D 50 /-</u></b>	<b><u>B26B 25 /-</u></b>	<b><u>B60G 7 /-</u></b>
2022202600				2022202772	
<b><u>A61L 31 /-</u></b>	2018231413	2018231413	2018312896		2018200811
	2019293572	2018236224	<b><u>B01D 59 /-</u></b>	<b><u>B26B 29 /-</u></b>	<b><u>B60L 13 /-</u></b>
2022202600	2019311595	2019293572		2022202772	
<b><u>A61M 1 /-</u></b>	2019476738	2020290461	2018401815		2017364476
	2020459437	2020341708	<b><u>B01D 63 /-</u></b>	<b><u>B26B 3 /-</u></b>	<b><u>B60L 3 /-</u></b>
2018284233	<b><u>A61P 19 /-</u></b>	<b><u>A61P 43 /-</u></b>		2022202772	2021322990
2018401815			2020395084		
2022200348	2019311595	2019311595	<b><u>B01D 65 /-</u></b>	<b><u>B26D 1 /-</u></b>	<b><u>B60L 7 /-</u></b>
<b><u>A61M 15 /-</u></b>	<b><u>A61P 21 /-</u></b>	2021390590		2022202772	2021322990
		<b><u>A61P 9 /-</u></b>	2020395084		
2019240648	2021289169		<b><u>B01D 66 /-</u></b>	<b><u>B26D 7 /-</u></b>	<b><u>B60L 9 /-</u></b>
<b><u>A61M 16 /-</u></b>	<b><u>A61P 25 /-</u></b>	2019291034		2022202772	2018264148
		2020267165	2021207300		
2018259245	2017295608	2022200542	<b><u>B01J 23 /-</u></b>	<b><u>B29B 17 /-</u></b>	<b><u>B60T 7 /-</u></b>
2022200379	2017321708	2022201294		2021222598	2021351468
2022200399	2018351709	<b><u>A61Q 11 /-</u></b>	2017440227		
<b><u>A61M 25 /-</u></b>	2019291034		<b><u>B01J 8 /-</u></b>	<b><u>B29C 53 /-</u></b>	<b><u>B60T 8 /-</u></b>
	2019293572	<b><u>A61Q 19 /-</u></b>	2018390831	2020344233	2021351468
2020344233	2019311595	2019476738			
<b><u>A61M 29 /-</u></b>	2020241693	2020317436	<b><u>B01L 3 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B61B 12 /-</u></b>
	<b><u>A61P 27 /-</u></b>	2020459437		2018309559	2017364476
2019240648		<b><u>A63B 24 /-</u></b>	2018265597		
<b><u>A61M 37 /-</u></b>	2019293572		<b><u>B01L 99 /-</u></b>	<b><u>B29C 67 /-</u></b>	<b><u>B61F 15 /-</u></b>
	2019311595	2022410485		2020344233	
2022200875	<b><u>A61P 29 /-</u></b>	<b><u>A63B 69 /-</u></b>	2019228505		
	2019291034	2022410485			
	2019293572				



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2018204079	2021209346	2022218475	<u>C07C 335 /-</u>		2020325204
<u>B61L 23 /-</u>	<u>B65D 41 /-</u>	<u>B82Y 20 /-</u>	2019291034	<u>C07D 451 /-</u>	2021286418
2021289307	2018351589	2022218475	<u>C07C 35 /-</u>	2019291034	2022202800
2021390156	<u>B65D 43 /-</u>	<u>C01B 21 /-</u>	2019476738	<u>C07D 471 /-</u>	<u>C07K 19 /-</u>
<u>B61L 27 /-</u>	2017430148	2018390831	<u>C07C 45 /-</u>	2019319599	2020366472
2021390156	<u>B65D 45 /-</u>	<u>C01B 25 /-</u>	2022202535	2020308353	<u>C07K 2 /-</u>
<u>B62D 25 /-</u>	2017430148	2021294256	<u>C07C 51 /-</u>	2020341708	2021204313
2021261852	<u>B65D 5 /-</u>	<u>C01B 3 /-</u>	2021207300	2021269403	<u>C07K 4 /-</u>
<u>B62K 15 /-</u>	2020315443	2017440227	2021222598	2021289169	2020366472
2022201474	<u>B65D 81 /-</u>	<u>C01F 5 /-</u>	<u>C07C 59 /-</u>	<u>C07D 487 /-</u>	2021204313
<u>B62K 21 /-</u>	2018250498	2021207300	2021207300	2019293572	2021204313
2022201474	2018268847	<u>C01G 11 /-</u>	2022202535	2020308353	<u>C07K 5 /-</u>
<u>B62K 23 /-</u>	2021209346	<u>C07D 209 /-</u>	<u>C07D 209 /-</u>	2020341708	2021204313
2022201474	2022235628	2021294256	2022258377	2021261879	<u>C07K 7 /-</u>
<u>B62K 5 /-</u>	<u>B65D 83 /-</u>	<u>C01G 13 /-</u>	2022258377	2021331214	<u>C07D 493 /-</u>
2022201474	2017430148	2021294256	<u>C07D 211 /-</u>	2022258377	2021204313
<u>B63B 15 /-</u>	<u>B65D 88 /-</u>	<u>C01G 21 /-</u>	2019291034	2019291034	2022202600
2019465528	2018218176	2021294256	<u>C07D 213 /-</u>	<u>C07D 495 /-</u>	<u>C08B 37 /-</u>
<u>B63G 7 /-</u>	<u>B65G 15 /-</u>	<u>C02F 1 /-</u>	2019311595	<u>C07D 498 /-</u>	2018385557
2021292366	<u>B65G 17 /-</u>	2018329967	2022202535	<u>C07D 498 /-</u>	2020459437
<u>B63G 8 /-</u>	2018230435	2019226431	<u>C07D 231 /-</u>	<u>C07D 498 /-</u>	<u>C08F 216 /-</u>
2021292366	<u>B65G 21 /-</u>	2019250442	<u>C07D 237 /-</u>	<u>C07D 498 /-</u>	2017444344
<u>B64C 1 /-</u>	2018218176	<u>C02F 5 /-</u>	2019311595	<u>C07D 519 /-</u>	<u>C08G 59 /-</u>
2018360818	<u>B65G 41 /-</u>	2018329967	<u>C07D 273 /-</u>	2022209289	2021245972
<u>B64C 27 /-</u>	2018218176	<u>C04B 103 /-</u>	2022204711	<u>C07D 519 /-</u>	<u>C08G 63 /-</u>
2022201806	<u>B65G 54 /-</u>	2019229550	<u>C07D 277 /-</u>	2021289169	2021245972
<u>B64C 29 /-</u>	2018331269	<u>C04B 26 /-</u>	2019311595	<u>C07H 21 /-</u>	<u>C08G 63 /-</u>
2018360818	<u>B65H 27 /-</u>	2018363663	<u>C07D 283 /-</u>	2017322522	2018225190
<u>B64C 39 /-</u>	2018309736	<u>C04B 28 /-</u>	<u>C07D 283 /-</u>	2021203300	<u>C08J 11 /-</u>
2018360818	<u>B66B 1 /-</u>	2019229550	<u>C07D 273 /-</u>	<u>C07K 1 /-</u>	2021222598
2022201806	2018222931	<u>C04B 40 /-</u>	2022204711	<u>C07K 1 /-</u>	2021222598
<u>B65B 25 /-</u>	<u>B66C 23 /-</u>	<u>C07B 59 /-</u>	<u>C07D 277 /-</u>	2016381992	<u>C08K 5 /-</u>
2022235628	2021269403	<u>C07C 229 /-</u>	2019291034	2020366472	2022250692
<u>B65B 31 /-</u>	2018383674	2019229550	<u>C07D 309 /-</u>	<u>C07K 14 /-</u>	<u>C08L 23 /-</u>
2018268847	<u>B66F 5 /-</u>	2021234274	2022202535	2018224326	2018363663
<u>B65B 51 /-</u>	2022201423	<u>C07C 271 /-</u>	2019229550	2018229351	2018363663
2018224378	<u>B67D 7 /-</u>	2019291034	2022258377	2018231413	<u>C08L 33 /-</u>
2021254067	2019461478	<u>C07C 275 /-</u>	<u>C07D 401 /-</u>	2018235944	2017444344
<u>B65D 33 /-</u>	<u>B82Y 10 /-</u>	2019291034	2019311595	2018236224	2020325204
2018309039	2021294837	2020414202	2022258377	2020325204	2020366472
		<u>C07D 417 /-</u>	<u>C07D 403 /-</u>	2020366472	2021269322
		2020414202	2019282761	2021286418	<u>C09D 11 /-</u>
			2020308353	2021351815	2021233820
			2022258377	2022202600	<u>C09D 7 /-</u>
				2022206623	2021233820
				2022287636	2021233820
				<u>C07K 16 /-</u>	<u>C09K 13 /-</u>
				2016364889	2021234274
				2016381992	2021234274
				2017266298	<u>C10G 1 /-</u>
				2017295608	2017440227
				2018229351	2017440227
				2018235944	<u>C10G 2 /-</u>
				2019379858	2019461286
				2019461286	

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2017440227	2018279829	2020353148	2018309736	<b><u>E04B 1 /-</u></b>	<b><u>E21B 43 /-</u></b>
<b><u>C10G 45 /-</u></b>	2020266587	2022224763	2018339565	2018319030	2018273178
2017440227	2020325204	<b><u>C22C 19 /-</u></b>	<b><u>E01B 25 /-</u></b>	<b><u>E04B 2 /-</u></b>	2018298471
<b><u>C10K 1 /-</u></b>	2021222598	2020353147	2017364476	2020362998	2020347141
2018341260	2021245148	2020353148	<b><u>E01B 3 /-</u></b>	<b><u>E04B 9 /-</u></b>	<b><u>E21B 44 /-</u></b>
<b><u>C10L 3 /-</u></b>	2022200262	<b><u>C22F 1 /-</u></b>	2018371681	2018319030	2019387627
2018341260	2022250692	2020353147	<b><u>E01B 7 /-</u></b>	<b><u>E04C 2 /-</u></b>	<b><u>E21B 47 /-</u></b>
<b><u>C11D 11 /-</u></b>	2022250692	2020353148	2018371681	2020362998	2019387627
2021299894	<b><u>C12P 13 /-</u></b>	2022224763	<b><u>E01B 9 /-</u></b>	<b><u>E04C 3 /-</u></b>	2019387627
<b><u>C11D 17 /-</u></b>	2019379858	<b><u>C23C 2 /-</u></b>	2018371681	2018319030	<b><u>F01K 23 /-</u></b>
2021299894	<b><u>C12P 21 /-</u></b>	2019235549	<b><u>E01C 15 /-</u></b>	<b><u>E04D 13 /-</u></b>	2020388091
<b><u>C12M 1 /-</u></b>	2021222598	2018339565	2017364476	2020474030	<b><u>F01K 25 /-</u></b>
2018265597	<b><u>C12P 7 /-</u></b>	<b><u>D03D 13 /-</u></b>	<b><u>E01C 7 /-</u></b>	<b><u>E04F 15 /-</u></b>	2020388091
2019282761	2021207300	2021258096	2018363663	2020400885	<b><u>F02C 6 /-</u></b>
<b><u>C12N 1 /-</u></b>	2021222598	<b><u>D04B 21 /-</u></b>	<b><u>E01C 9 /-</u></b>	<b><u>E04F 17 /-</u></b>	2020422038
2022202600	<b><u>C12Q 1 /-</u></b>	2020423394	2017364476	2022264614	<b><u>F02G 1 /-</u></b>
<b><u>C12N 15 /-</u></b>	2017214850	<b><u>D05C 17 /-</u></b>	<b><u>E01D 2 /-</u></b>	<b><u>E05B 1 /-</u></b>	2018225327
2016381992	2017313138	2020436828	2021435256	2018275570	<b><u>F03B 13 /-</u></b>
2017254565	2017313912	<b><u>D06F 33 /-</u></b>	<b><u>E01D 21 /-</u></b>	<b><u>E05B 63 /-</u></b>	2023219862
2017313912	2017316709	2021245110	2021435256	2018275570	<b><u>F03G 6 /-</u></b>
2017321708	2017378320	<b><u>D06F 34 /-</u></b>	<b><u>E01H 1 /-</u></b>	<b><u>E05B 7 /-</u></b>	2020422038
2017322522	2018265597	2021245110	2021304541	2018275570	<b><u>F04B 43 /-</u></b>
2017347725	2022200755	<b><u>D06F 37 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E05D 13 /-</u></b>	2020371945
2017378320	<b><u>C21B 7 /-</u></b>	2020406821	2019377016	2018304808	<b><u>F04B 53 /-</u></b>
2018224326	2018317658	2020409825	<b><u>E02D 5 /-</u></b>	<b><u>E05F 15 /-</u></b>	2020371945
2018279829	<b><u>C21D 1 /-</u></b>	2021245110	2018333273	2018304808	<b><u>F04C 5 /-</u></b>
2019282761	2020354889	<b><u>D06F 39 /-</u></b>	<b><u>E02D 7 /-</u></b>	2019217958	2020371945
2019379858	2021288876	2020406821	2018333273	<b><u>E21B 23 /-</u></b>	<b><u>F04D 13 /-</u></b>
2019461286	<b><u>C21D 11 /-</u></b>	2020409825	<b><u>E02F 3 /-</u></b>	2018434354	2020347141
2020241693	2021288876	2021245110	2018383674	2021259155	2020347141
2020266587	<b><u>C21D 9 /-</u></b>	<b><u>D06M 101 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F04D 17 /-</u></b>
2020325204	2021288876	2021221759	2022203338	2023203170	2018350939
2021203300	<b><u>C22B 1 /-</u></b>	<b><u>D06M 16 /-</u></b>	<b><u>E03B 7 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04D 25 /-</u></b>
2021221448	2023226710	2021221759	2019226431	2023203170	2018350939
2021245148	<b><u>C22B 15 /-</u></b>	<b><u>D21F 1 /-</u></b>	<b><u>E03C 1 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F04D 29 /-</u></b>
2021351815	2023226710	2018309736	2018361811	2018298471	2018350939
2022200262	<b><u>C22B 3 /-</u></b>	2018339565	2021225188	2021259155	<b><u>F15B 19 /-</u></b>
2022206623	2021294256	<b><u>D21F 5 /-</u></b>	<b><u>E03F 5 /-</u></b>	<b><u>E21B 41 /-</u></b>	2018220043
2022287636	2023226710	2018339565	2021225188	2018434354	<b><u>F16C 19 /-</u></b>
<b><u>C12N 5 /-</u></b>	<b><u>C22B 7 /-</u></b>	<b><u>D21F 7 /-</u></b>			
2017357044	2021294256				
2018229351	<b><u>C22C 14 /-</u></b>				
2019282761	2020353147				
2020311877					
2021225187					
2021240191					
2021351815					
<b><u>C12N 7 /-</u></b>					
2017391164					
<b><u>C12N 9 /-</u></b>					
2017313912					
2017378320					

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2020414869	<b><u>F26B 3 /-</u></b>	<b><u>G01R 15 /-</u></b>	2019333921 2021290284 2022263473	<b><u>G06Q 10 /-</u></b>	<b><u>G11C 11 /-</u></b>
<b><u>F16C 32 /-</u></b>	2019362095	2022203050		2020355214	2020389368
2020414869	<b><u>F41G 1 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16B 10 /-</u></b>
<b><u>F16C 35 /-</u></b>	2018200210 2018297577	2022203050	2018222992	2018355893 2021270688	2020391556
2018204079	<b><u>F42B 3 /-</u></b>	<b><u>G01R 22 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G16B 20 /-</u></b>
<b><u>F16D 55 /-</u></b>	2021254605	2022221953	2019217958 2021273375 2021291150 2022263473	2017426490 2021270688	2020391556 2020403134
2018253796	<b><u>F42D 1 /-</u></b>	<b><u>G01R 31 /-</u></b>		<b><u>G06Q 90 /-</u></b>	<b><u>G16B 30 /-</u></b>
<b><u>F16D 65 /-</u></b>	2021254605	2022221953	<b><u>G06F 3 /-</u></b>	2018355893	2020391556
2018253796	<b><u>F42D 3 /-</u></b>	<b><u>G01S 17 /-</u></b>	2018338717 2018355893 2019223608 2021290284 2022202972 2022228121	<b><u>G06T 19 /-</u></b>	<b><u>G16B 40 /-</u></b>
<b><u>F16H 48 /-</u></b>	2021254605	2021289307		2023202859	2020391556
2018227062	<b><u>G01C 21 /-</u></b>	<b><u>G01S 19 /-</u></b>		<b><u>G06T 3 /-</u></b>	<b><u>G16B 5 /-</u></b>
<b><u>F16J 15 /-</u></b>	2019256003	2017436819	<b><u>G06F 40 /-</u></b>	2019223608	2017357044
2021243169	<b><u>G01C 9 /-</u></b>	<b><u>G01V 1 /-</u></b>	2020364386	<b><u>G06T 5 /-</u></b>	<b><u>G16C 10 /-</u></b>
<b><u>F16K 11 /-</u></b>	2019256003	2019338412	<b><u>G06F 8 /-</u></b>	2018386091 2021211677	2022241565
2018298471	<b><u>G01F 1 /-</u></b>	<b><u>G02B 23 /-</u></b>	2019217958 2021263793	<b><u>G06T 7 /-</u></b>	<b><u>G16C 20 /-</u></b>
<b><u>F16K 27 /-</u></b>	2022202341	2017441379		2020327870 2021211677	2020403134
2018298471	<b><u>G01H 9 /-</u></b>	<b><u>G05B 13 /-</u></b>	<b><u>G06F 9 /-</u></b>		<b><u>G16C 60 /-</u></b>
<b><u>F16K 31 /-</u></b>	2022200850	2019230114	2018338717 2021238956 2021246978 2021263793 2021266891	<b><u>G06T 9 /-</u></b>	2020403134
2018298471	<b><u>G01N 13 /-</u></b>	<b><u>G05B 19 /-</u></b>		2020327870	<b><u>G16H 20 /-</u></b>
<b><u>F16K 7 /-</u></b>	2019228505	2017426490 2018401815	<b><u>G06G 1 /-</u></b>	2021342943	2018304463 2020327870 2021240299
2018298471	<b><u>G01N 15 /-</u></b>	<b><u>G05B 23 /-</u></b>		<b><u>G06V 30 /-</u></b>	
<b><u>F16L 1 /-</u></b>	2018265597	2018220043	2020355214		<b><u>G16H 40 /-</u></b>
2018273178	<b><u>G01N 19 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06G 7 /-</u></b>	2020355214 2022201806	2018304463
<b><u>F21S 2 /-</u></b>	2021288876	2018264148 2023204411	2017357044		<b><u>H01H 36 /-</u></b>
2022235628	<b><u>G01N 21 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G08B 17 /-</u></b>	2021260296
<b><u>F21S 6 /-</u></b>	2018265597 2021282471 2021404004 2022200850	2019223608 2021217315	2020439471	2018284669	<b><u>H01L 21 /-</u></b>
2022235628	<b><u>G01N 29 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06N 10 /-</u></b>	<b><u>G08B 25 /-</u></b>	2022283790
<b><u>F24D 19 /-</u></b>	2018268228	2021266891	2021263793 2021288002 2021294837 2022218475	2022201806	<b><u>H01L 27 /-</u></b>
2019226431	<b><u>G01N 3 /-</u></b>	<b><u>G06F 12 /-</u></b>		2022201806	2022283790
<b><u>F24F 11 /-</u></b>	2021288876	2018355893	<b><u>G06N 20 /-</u></b>	<b><u>G09F 3 /-</u></b>	<b><u>H01L 29 /-</u></b>
2021428990	<b><u>G01N 30 /-</u></b>	<b><u>G06F 13 /-</u></b>	2021271205	2022244308	2022218475
<b><u>F24F 13 /-</u></b>	2018351589	2018338717 2018355893	<b><u>G06N 3 /-</u></b>	<b><u>G09F 9 /-</u></b>	<b><u>H01L 31 /-</u></b>
2019264287	<b><u>G01N 33 /-</u></b>	<b><u>G06F 15 /-</u></b>	2019338412 2020327870 2020391556 2021263793	2021217315	2022241631 2022283790
<b><u>F25D 23 /-</u></b>	2017214850 2017295608 2021351815 2021404004	2017357044 2022263473	<b><u>G06N 99 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>H01P 3 /-</u></b>
2017426490 2021260296		<b><u>G06F 16 /-</u></b>	2022246460	2019270168	2022246460
		2018358041		<b><u>G10L 19 /-</u></b>	<b><u>H01P 7 /-</u></b>
				2021290313	2022246460

Applications Accepted - IPC Index cont'd

2019250442		
<b>H01R 13 /-</b>	2021389166	<b>H04W 24 /-</b>
2022203413	<b>H04B 10 /-</b>	2021269379
<b>H01R 24 /-</b>	2022218475	2021332873
2022203413	<b>H04B 5 /-</b>	2022221565
<b>H01R 4 /-</b>	2017426490	<b>H04W 28 /-</b>
2022228554	<b>H04B 7 /-</b>	2021269379
<b>H01S 5 /-</b>	2022221565	<b>H04W 36 /-</b>
2018359825	<b>H04J 11 /-</b>	2021287836
<b>H02G 3 /-</b>	2019237839	2021322550
2021389166	<b>H04L 1 /-</b>	<b>H04W 40 /-</b>
<b>H02H 11 /-</b>	2019237839	2018415016
2020411713	<b>H04L 43 /-</b>	<b>H04W 48 /-</b>
<b>H02J 13 /-</b>	2022202832	2022221565
2021270688	<b>H04L 5 /-</b>	<b>H04W 52 /-</b>
<b>H02J 3 /-</b>	2019246970	2021322550
2019202017	<b>H04L 9 /-</b>	2022201239
2020444688	2018222992	<b>H04W 72 /-</b>
2021270688	2022263473	2018415016
<b>H02J 7 /-</b>	<b>H04N 13 /-</b>	2019246970
2018321896	2023202859	2021205564
2021322990	<b>H04N 19 /-</b>	2022200395
2022221953	2020206246	<b>H04W 76 /-</b>
<b>H02K 1 /-</b>	2020376712	2021322550
2021277056	2022279488	<b>H04W 80 /-</b>
<b>H02K 29 /-</b>	2023202899	2021269379
2021273645	<b>H04N 21 /-</b>	<b>H10N 60 /-</b>
<b>H02K 3 /-</b>	2019223608	2021294837
2021277056	<b>H04N 23 /-</b>	<b>H10N 69 /-</b>
<b>H02K 5 /-</b>	2023202859	2021294837
2021277056	<b>H04R 1 /-</b>	
<b>H02K 7 /-</b>	2020440893	
2021277056	2021262946	
<b>H02P 7 /-</b>	<b>H04R 17 /-</b>	
2021273645	2019223608	
<b>H02S 10 /-</b>	<b>H04R 7 /-</b>	
2019250442	2021257996	
<b>H02S 20 /-</b>	<b>H04R 9 /-</b>	
2021389166	2021257996	
2023233147	2021262946	
<b>H02S 40 /-</b>	<b>H04W 16 /-</b>	
	2022221565	

**Certified Innovation Patents**

**Name Index**

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(71) D.I.T Technologies Ltd  
 (11) AU-B-2023100040  
 (21) 2023100040 (22) 15.05.2023  
 (54) Dosing system with a microprocessor to control the discharge rate of an additive  
 (51) Int. Cl.  
     **A01K 7/02** ( 2006.01 )  
     **A01K 5/02** ( 2006.01 )  
     **A01K 39/02** ( 2006.01 )  
     **A61D 7/00** ( 2006.01 )  
     **G05B 19/00** ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2019370617,2022100179  
 (72) PEART, Mark Rawlinson; FEEZ, Thomas Robinson  
 (74) Spruson & Ferguson

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(71) D.I.T Technologies Ltd  
 (11) AU-B-2023100048  
 (21) 2023100048 (22) 01.06.2023  
 (54) Dosing system with external flow sensor  
 (51) Int. Cl.  
     **A01K 7/02** ( 2006.01 )  
     **A61D 7/00** ( 2006.01 )  
     **G05B 19/00** ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2019370617,2022100179  
 (72) PEART, Mark Rawlinson; FEEZ, Thomas Robinson  
 (74) Spruson & Ferguson

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(71) Janssen Biotech, Inc.  
 (11) AU-B-2023100041  
 (21) 2023100041 (22) 18.05.2023  
 (54) Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody  
 (51) Int. Cl.  
     **C07K 16/24** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61K 47/14** ( 2017.01 )  
     **A61K 47/18** ( 2017.01 )  
     **A61K 47/26** ( 2006.01 )  
     **A61P 1/04** ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2023201217  
 (72) JOHANNIS, Jewel; LI, Katherine; MARANO, Colleen; STRAUSS, Richard; ZHANG, Hongyan; ADEDOKUN, Omoniyi; O'BRIEN, Christopher; SHIELDS-TUTTLE, Kimberly  
 (74) Davies Collison Cave Pty Ltd

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(71) Janssen Biotech, Inc.  
 (11) AU-B-2023100042  
 (21) 2023100042 (22) 18.05.2023  
 (54) Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody

(51) Int. Cl.  
     **C07K 16/24** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61K 47/14** ( 2017.01 )  
     **A61K 47/18** ( 2017.01 )  
     **A61K 47/26** ( 2006.01 )  
     **A61P 1/04** ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2023201217  
 (72) JOHANNIS, Jewel; LI, Katherine; MARANO, Colleen; STRAUSS, Richard; ZHANG, Hongyan; ADEDOKUN, Omoniyi; O'BRIEN, Christopher; SHIELDS-TUTTLE, Kimberly  
 (74) Davies Collison Cave Pty Ltd

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(71) THREADLEGS PTY LTD  
 (11) AU-B-2023100047  
 (21) 2023100047 (22) 30.05.2023  
 (54) Attachment for positioning cast-in concrete anchors  
 (51) Int. Cl.  
     **E04B 1/41** ( 2006.01 )  
     **E04C 5/20** ( 2006.01 )  
     **E04G 21/18** ( 2006.01 )  
     **E02D 27/50** ( 2006.01 )  
 (45) 04.01.2024  
 (62) 2021205114  
 (72) Jurey, Hayden  
 (74) Cooper IP Pty Ltd

**Numerical Index**

**2023100040** D.I.T Technologies Ltd  
**2023100041** Janssen Biotech, Inc.  
**2023100042** Janssen Biotech, Inc.  
**2023100047** THREADLEGS PTY LTD  
**2023100048** D.I.T Technologies Ltd

**IPC Index**

**A01K 39 /-**

2023100040

**A01K 5 /-**

2023100040

**A01K 7 /-**

2023100040

2023100048

**A61D 7 /-**

2023100040

2023100048

**A61K 39 /-**

2023100041

2023100042

**A61K 47 /-**

2023100041

2023100042

**A61P 1 /-**

2023100041

2023100042

**C07K 16 /-**

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2023100042

**E02D 27 /-**

2023100047

**E04B 1 /-**

2023100047

**E04C 5 /-**

2023100047

**E04G 21 /-**

2023100047

**G05B 19 /-**

2023100040

2023100048

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn**

2023201549 **Pipe Ex Pty Ltd** ( Phoenix Energy Services Pty Ltd )

**Opposition under Section 104(4) - Lodged**

2023100061 **Kumiai Chemical Industry Co., Ltd.** ( Epiphany Law )

2023100062 **Kumiai Chemical Industry Co., Ltd.** ( Epiphany Law )

**Patents Granted**

**Standard Patents**

2016335912 2016342036 2016348610 2017203818  
 2017208326 2017235097 2017245309 2017245344  
 2017258642 2017258965 2017260426 2017264947  
 2017265263 2017269364 2017281469 2017298984  
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 2018328759 2018330031 2018333037 2018335613  
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 2021204472 2021204533 2021204642 2021205111  
 2021206145 2021206834 2021206837 2021209175  
 2021209744 2021212006 2021212152 2021215122  
 2021215287 2021221563 2021221855 2021221918  
 2021225181 2021225236 2021229185 2021229621

**Patents Granted**

**Standard Patents**

2021230666 2021232709 2021232805 2021232809  
 2021232840 2021234004 2021235397 2021236505  
 2021240135 2021240960 2021243677 2021245101  
 2021245131 2021245245 2021248851 2021254540  
 2021254547 2021257924 2021259198 2021261874  
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 2022202686 2022203132 2022203246 2022203249  
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 2022206722 2022211868 2022224799 2022252834  
 2022256129 2022281288 2022287600 2022291516  
 2023203545 2023206214

**Innovation Patents**

2018102253 2023100096

**Revocation**

It is hereby notified that the offer by the Patentee **Pearson, P.; Stack, P.; La Marzocco Srl; Moran, S.** to surrender Patent 2012247561 which was advertised in the Official Journal of 09.11.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2004290666 AbbVie Bahamas Ltd. The patent has been assigned to **AbbVie Ireland Unlimited Company**

2006247053 Horizon Orphan LLC The patent has been assigned to **Horizon Therapeutics U.S. Holding LLC**

2006297853 AbbVie Bahamas Ltd. The patent has been assigned to **AbbVie Global Enterprises Ltd.**

2009270549 Staedtler Mars GmbH & Co KG The patent has been assigned to **STAEDTLER SE**

2009270550 Staedtler Mars GmbH & Co KG The patent has been assigned to **STAEDTLER SE**

2009270551 Staedtler Mars GmbH & Co KG The patent has been assigned to **STAEDTLER SE**

2010200958 General Electric Company The patent has been assigned to **GE Energy Power Conversion Technology Limited**

2010229975 AbbVie Bahamas Ltd The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2010233055 AbbVie Bahamas Ltd. The patent has been assigned to **AbbVie Global Enterprises Ltd.**

2010289326 Horizon Orphan LLC The patent has been assigned to **Horizon Therapeutics U.S. Holding LLC**

2012229451 General Electric Company The patent has been assigned to **GE Energy Power Conversion Technology Limited**

2012299710 Siemens Aktiengesellschaft; FLSmidth A/S The patent has been assigned to **Innomotics GmbH; FLSmidth A/S**

2012312042 OrthoSensor The patent has been assigned to **Howmedica Osteonics Corp.**

2012312050 OrthoSensor The patent has been assigned to **Howmedica Osteonics Corp.**



**Assignments Registered**

2012312058 OrthoSensor The patent has been assigned to **Howmedica Osteonics Corp.**

2012312106 OrthoSensor The patent has been assigned to **Howmedica Osteonics Corp.**

2013201920 University of Leeds The patent has been assigned to **FAURECIA SYSTEMES D'ECHAPPEMENT**

2013203605 Horizon Orphan LLC The patent has been assigned to **Horizon Therapeutics U.S. Holding LLC**

2014281702 Horizon Orphan LLC; The Regents of the University of California The patent has been assigned to **The Regents of the University of California; Horizon Therapeutics U.S. Holding LLC**

2014318540 OrthoSensor, Inc. The patent has been assigned to **Howmedica Osteonics Corp.**

2014331388 Staedtler Mars GmbH & Co. KG The patent has been assigned to **STAEDTLER SE**

2015201016 Orthosensor The patent has been assigned to **Howmedica Osteonics Corp.**

2015205956 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2015221578 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2015224375 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2015224516 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2015275224 Horizon Orphan LLC The patent has been assigned to **Horizon Therapeutics U.S. Holding LLC**

2015276202 Solural Pharma ApS The patent has been assigned to **Pebean Pharma ApS**

2015283268 Staedtler Mars GmbH & Co. KG The patent has been assigned to **STAEDTLER SE**

2016301105 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2016302390 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2016302391 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2016302392 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2016345065 IP Reserve Pty Ltd The patent has been assigned to **Tred Outdoors Pty Ltd**

2017228417 Chapman, Ryan; Orthosensor Inc. The patent has been assigned to **Howmedica Osteonics Corp.**

2017243870 WiseTech Global Limited The patent has been assigned to **WiseTech Global (Licensing) Pty Ltd**

2017279477 Advanced Blast Protection System, LLC The patent has been assigned to **Synthetic Applied Technologies, LLC**

2017410946 International Test Solutions, Inc. The patent has been assigned to **Entegris, Inc.**

**Assignments Registered**

2018303080 Sichuan Haisco Pharmaceutical Co., Ltd. The patent has been assigned to **Xizang Haisco Pharmaceutical Co., Ltd.**

2019100598 IP Reserve Pty Ltd The patent has been assigned to **Tred Outdoors Pty Ltd**

2019287679 Sichuan Haisco Pharmaceutical Co., Ltd. The patent has been assigned to **Xizang Haisco Pharmaceutical Co., Ltd.**

2019353580 Staedtler Mars GmbH & Co. KG The patent has been assigned to **STAEDTLER SE**

2020104265 IP RESERVE PTY LTD The patent has been assigned to **Tred Outdoors Pty Ltd**

2020214691 Vilox AB The patent has been assigned to **VILOX Sweden AB**

2020289773 MT Innovations Pty Ltd. The patent has been assigned to **S.C.P MT Innovation**

2021204433 IP Reserve Pty Ltd The patent has been assigned to **Tred Outdoors Pty Ltd**

**Licences Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the licensee)

2018376605 Korea Advanced Institute of Science and Technology ( NeuroTobe Pharmaceuticals, Inc. )

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2008311740 Dorel Juvenile Group, Inc. ( FEAC Agent, LLC )

2013267054 Dorel Australia Pty Ltd ( FEAC Agent, LLC )

2016244331 Dorel Australia Pty Ltd ( FEAC Agent, LLC )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Refused**

The following application(s) for Extension of Term have been refused under Section 74.

2015208821 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods PREVENAR 20 pneumococcal polysaccharide conjugate vaccine

**Corrigenda**

In Vol 34 , No 33 , Page(s) 4657 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name NTT DOCOMO, INC., Application No. 2018401104, under INID (54) correct the title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

In Vol 34 , No 36 , Page(s) 5088 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Idorsia Pharmaceuticals Ltd, Application No. 2019212888, under INID (54) correct the title to read Crystalline forms of the CX-CR7 receptor antagonist (3s,4s)-1- cyclopropylmethyl-4-([5-(2,4-difluoro-phenyl)-isoxazole-3-carbonyl]- amino)-piperidine-3-carboxylic acid (1-pyrimidin-2-yl-cyclopropyl)-amide

**Corrigenda**

In Vol 34 , No 8 , Page(s) 1218 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name VSY Biyoteknoloji Ve Ilac San. A.S., Application No. 2018308827, under INID (71) correct the applicant name to VSY BIYOTEKNOLOJI VE ILAÇ SAN. A.S.

In Vol 57 , No 47 , Page(s) 6892 under the heading **Applications Accepted - Name Index** Under the name NTT DOCOMO, INC., Application No. 2018401104, under INID (54) correct the title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

In Vol 57 , No 50 , Page(s) 7349 under the heading **Applications Accepted - Name Index** Under the name Idorsia Pharmaceuticals Ltd, Application No. 2019212888, under INID (54) correct the title to read Crystalline forms of the CXCR7 receptor antagonist (3s,4s)-1- cyclopropylmethyl-4-([5-(2,4-difluoro-phenyl)-isoxazole-3-carbonyl]- amino)-piperidine-3-carboxylic acid (1-pyrimidin-2-yl-cyclopropyl)-amide

In Vol 57 , No 50 , Page(s) 7372 under the heading **Applications Accepted - Name Index** Under the name VSY Biyoteknoloji Ve Ilac San. A.S., Application No. 2018308827, under INID (71) correct the applicant name to VSY BIYOTEKNOLOJI VE ILAÇ SAN. A.S.

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

- 2017372856 **G1 Therapeutics, Inc.**
- 2017389100 **Interoligo Corporation**
- 2018348643 **Jensen Denmark A/S**
- 2019229140 **Eberlein, M.**
- 2019316556 **PML Screening, LLC; Université Paris-Saclay; The Assistance Publique - Hôpitaux De Paris (APHP); The Institut National De La Santé Et De La Recherche Médicale (INSERM)**
- 2021236069 **AdvanSix Resins & Chemicals LLC**
- 2021438810 **IPSEN BIOPHARM LIMITED**
- 2022200811 **Sage Therapeutics, Inc.**
- 2022223150 **SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.; BEIJING CANCER HOSPITAL**
- 2022229913 **THE CHILDREN'S MEDICAL CENTER CORPORATION**
- 2022233051 **YEDA RESEARCH AND DEVELOPMENT CO. LTD.**
- 2022264425 **TRANSLATE BIO, INC.**
- 2022271238 **DECIBEL THERAPEUTICS, INC.**
- 2022271727 **AKOUOS, INC.**
- 2022277698 **BIOHAVEN THERAPEUTICS LTD.**
- 2022278653 **SCELLEX OY**
- 2022279820 **SUMITOMO PHARMA CO., LTD.**
- 2022281172 **CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES; NANTES UNIVERSITÉ; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)**
- 2022282355 **FLAGSHIP PIONEERING INNOVATIONS VI, LLC**
- 2022282576 **REGAIN THERAPEUTICS SWEDEN AB**
- 2022283089 **GC GENOME CORPORATION**
- 2022283277 **MEMORIAL SLOAN-KETTERING CANCER CENTER**
- 2022284287 **HELMHOLTZ-ZENTRUM FÜR INFECTIIONSFORSCHUNG GMBH (HZI); UTAH STATE UNIVERSITY**
- 2022285744 **BEAM THERAPEUTICS INC.**
- 2022285961 **BIOLOGIC DESIGN LTD.**
- 2022287241 **NEUMIRNA THERAPEUTICS APS**
- 2022287316 **ORUM THERAPEUTICS, INC.; BRISTOL-MYERS SQUIBB COMPANY**
- 2022288037 **SHANGHAI EPIMAB BIOTHERAPEUTICS CO., LTD.**

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- 2022311053 **BIONTECH SE**
- 2022312200 **THE CATHOLIC UNIVERSITY OF AMERICA**
- 2022313521 **3B PHARMACEUTICALS GMBH**
- 2022317820 **F. HOFFMANN-LA ROCHE AG; GENENTECH, INC.**
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