



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	6404
Amendments Made .....	6405
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	6406

#### Applications Accepted

Name Index .....	6470
Numerical Index .....	6505
IPC Index .....	6508

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	6401
---	------

#### Applications Open to Public Inspection

Name Index .....	6410
Numerical Index .....	6423
IPC Index .....	6425

Assignments before Grant, Section 113 .....	6402
---	------

Assignments Registered .....	6517
------------------------------	------

#### Certified Innovation Patents

Name Index .....	6514
Numerical Index .....	6515
IPC Index .....	6516

#### Complete Applications Filed

Name Index .....	6393
Numerical Index .....	6398

Corrigenda .....	6518
------------------	------

Extensions of Term of Standard Patents .....	6518
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>6403</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	6399
Numerical Index .....	6400
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	6428
Numerical Index .....	6429
IPC Index .....	6430
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	6431
Numerical Index .....	6461
IPC Index .....	6464
<b>Patents Granted .....</b>	<b>6517</b>
<b>Mortgages Registered .....</b>	<b>6518</b>
<b>Opposition Proceedings .....</b>	<b>6517</b>
<b>Provisional Applications Filed</b>	
Name Index .....	6388
Numerical Index .....	6392
<b>Specifications Republished .....</b>	<b>6519</b>

## *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).

**NOTE:** When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

## 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

### 1. 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 applications filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(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</u> <u>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)
Inventors <u>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.



## 2. 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.
- (44) 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.
- (45) 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.

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 8 Nov 2022 .

(71) 360 TWO Pty Ltd (21) 2022903338 (22) 08.11.2022 (54) Electrical Connector	(71) BFRE Pty Ltd (21) 2022903412 (22) 14.11.2022 (54) concrete floor	(71) Christie, G. (21) 2022903404 (22) 13.11.2022 (54) Golf performance enhancer
(71) AQUIRIAN TECHNOLOGY PTY LTD (21) 2022903379 (22) 10.11.2022 (54) APPARATUS AND METHOD FOR DE- PLOYING A GEOLOGICAL SENSOR PROBE INTO A BORE HOLE	(71) Biochill Pty Limited (21) 2022903415 (22) 14.11.2022 (54) Insulating liner	(71) Chrysos Corporation Limited (21) 2022903345 (22) 09.11.2022 (54) Method and system for activation ana- lysis
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2022903332 (22) 07.11.2022 (54) Mineral-based media for direct air cap- ture and sequestration of atmospheric CO <sub>2</sub> , methods of production and applic- ation	<b>BioCifer Pty Ltd see DMTC Limited</b> (21) 2022903342	(71) Clarity Pharmaceuticals Ltd (21) 2022903382 (22) 11.11.2022 (54) Compounds for radioimaging and treat- ment of a cancer
(71) Archer Materials Limited (21) 2022903393 (22) 11.11.2022 (54) A DEVICE, SYSTEM, AND METH- OD FOR SENSING AN ELECTRONIC PROPERTY OF FLUID SAMPLE	(71) BLINDSIDE GROUP PTY LTD (21) 2022903297 (22) 04.11.2022 (54) Fitness Equipment	(71) Clarity Pharmaceuticals Ltd (21) 2022903384 (22) 11.11.2022 (54) Cancer targeting compounds and meth- ods for their production
(71) Ardea Resources Limited (21) 2022903389 (22) 11.11.2022 (54) Acid neutraliser composition	(71) Box, H. (21) 2022903380 (22) 10.11.2022 (54) Reusable Method for Capture and Re- moval of Multiple Space Debris Objects	(71) Close Comfort Pty Ltd (21) 2022903378 (22) 10.11.2022 (54) OUTFLOW ASSEMBLY AND LOCAL- ISED AIR-CONDITIONING DEVICE
(71) Badrea, R. (21) 2022903383 (22) 11.11.2022 (54) Process for diesel fuel treatment	(71) Carucci, N. (21) 2022903381 (22) 11.11.2022 (54) WIRE TENSIONING APPARATUS	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903346 (22) 09.11.2022 (54) Hydrophobe functionalised acidic gas absorbents
(71) Batten, R. (21) 2022903366 (22) 10.11.2022 (54) A pinball machine pausing device	(71) Cellysis Pty Ltd (21) 2022903372 (22) 10.11.2022 (54) System for applying a gaseous biocide to a foodstuff and method	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903348 (22) 09.11.2022 (54) Hydrophobic acidic gas absorbents
(71) Bennett, D. (21) 2022903402 (22) 12.11.2022 (54) Multi Magnet Layer, Double Sided Stator, Permanent Magnet Motor	(71) Children's Medical Research Institute (21) 2022903363 (22) 10.11.2022 (54) Treatment methods for inherited retinal diseases	(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD (21) 2022903358 (22) 09.11.2022 (54) Method for wireless distribution of Grav- ity Power by transmitting a microwave beam from the ground to a constellation of satellites in Low Earth Orbit (LEO) and bouncing multiple microwave

Provisional Applications Filed - Name Index cont'd

beams back to a mesh network of global collection points on earth.

(71) Cripps Clark, J.  
(21) 2022903315 (22) 06.11.2022  
(54) DevAuxSoak device and infrastructure supporting auxiliary block chain functions and for delivering geographic/economic equity in block chain enabled systems of any kind where further protocol may be needed to allow for lag or for later invoked conditional operating actions (including cancellations, updates) using logic coordinating earlier preparation for possible future network unavailability or degradation made by a user in a less well serviced network environment.

(71) DAZLM PTY LTD  
(21) 2022903325 (22) 07.11.2022  
(54) Drill casing cutter

(71) DAZLM PTY LTD  
(21) 2022903326 (22) 07.11.2022  
(54) Drill bit changing carousel

(71) DAZLM PTY LTD  
(21) 2022903327 (22) 07.11.2022  
(54) Drill rod feeder

(71) DAZLM PTY LTD  
(21) 2022903328 (22) 07.11.2022  
(54) Drill rod and drill casing manipulation systems

(71) DISTRICT NORTH KITCHEN PTY LTD  
(21) 2022903400 (22) 12.11.2022  
(54) Fried Chicken Snack Pack, Fricken Snack Pack, FSP

(71) DMTC Limited; BioCifer Pty Ltd; The University of the Sunshine Coast  
(21) 2022903342 (22) 08.11.2022  
(54) SAMPLE PREPARATION REAGENTS

(71) Engender Technologies Limited  
(21) 2022903396 (22) 11.11.2022  
(54) PARTICLE CLASSIFICATION AND SORTING SYSTEMS AND METHODS

(71) Engender Technologies Limited  
(21) 2022903397 (22) 11.11.2022  
(54) Flow control apparatus, parts and methods therefore

(71) EnviroGold Global Pty Ltd  
(21) 2022903330 (22) 07.11.2022  
(54) AN IMPROVED PROCESS FOR RECOVERY OF METALS FROM REFACTORY ORES

Faiz, F. see Hayes, M.  
(21) 2022903385

(71) FELLROCK DEVELOPMENTS LIMITED  
(21) 2022903349 (22) 09.11.2022  
(54) FOUNDATION STRUCTURE

(71) FELLROCK DEVELOPMENTS LIMITED  
(21) 2022903387 (22) 11.11.2022  
(54) A DECKING SYSTEM

(71) Firmus Technologies Pty Ltd  
(21) 2022903367 (22) 10.11.2022  
(54) Systems and methods for immersion based cooling of computing devices

(71) Firmus Technologies Pty Ltd  
(21) 2022903371 (22) 10.11.2022  
(54) Systems for immersion based cooling of computing devices

(71) Firmus Technologies Pty Ltd  
(21) 2022903375 (22) 10.11.2022  
(54) Systems for facilitating cooling

(71) Fisher & Paykel Healthcare Limited  
(21) 2022903368 (22) 10.11.2022  
(54) PATIENT MONITORING METHOD AND SYSTEM

(71) Flame Security International Pty Ltd  
(21) 2022903362 (22) 10.11.2022  
(54) Membrane

(71) Gomez, R.  
(21) 2022903259 (22) 02.11.2022  
(54) Advanced Non-diffusion Hydrogen Fuel Cell-V2

(71) Gomez, R.  
(21) 2022903260 (22) 02.11.2022  
(54) Production of Special Green Steel from Iron Ores

(71) Gomez, R.  
(21) 2022903316 (22) 07.11.2022  
(54) Commercial Storage of Hydrogen Proton and Oxygen Ion

(71) Graham, G.  
(21) 2022903339 (22) 08.11.2022  
(54) TAPE MEASURE AND ACCESSORIES THEREFOR

(71) Hayes, M.; Wood, A.; Faiz, F.  
(21) 2022903385 (22) 11.11.2022  
(54) SYSTEMS AND METHODS FOR DETERMINING FAULT LOCATIONS IN AN ELECTRICITY NETWORK

(71) Health First Systems Ltd  
(21) 2022903370 (22) 10.11.2022  
(54) Test device

(71) Hetherington, G.  
(21) 2022903356 (22) 09.11.2022  
(54) A towel peg

(71) Hullbot Pty Ltd  
(21) 2022903398 (22) 11.11.2022  
(54) Underwater vehicles for navigating relative to a structure

(71) Hülsen, T.  
(21) 2022903351 (22) 09.11.2022  
(54) A cleaning apparatus for an enclosure

(71) Humphreys, A.  
(21) 2022903309 (22) 04.11.2022  
(54) Dieline Console Adaptor

(71) ICONTENT PTY LTD  
(21) 2022903344 (22) 09.11.2022  
(54) SYSTEM AND METHOD FOR ASSESSING FINANCIAL RISK

(71) Innovative Products Pty Ltd  
(21) 2022903331 (22) 07.11.2022  
(54) CONDUIT INSERT AND THE MANUFACTURE AND USE

(71) Inventia Life Science Pty Ltd  
(21) 2022903386 (22) 11.11.2022  
(54) A Detachable Printhead for a Bioprinter and a Bioprinter

(71) James Hardie Technology Limited  
(21) 2022903355 (22) 09.11.2022  
(54) Edge protection element

(71) Jimple Pty Ltd  
(21) 2022903377 (22) 10.11.2022  
(54) COMMUNICATION AID, COMMUNICATION SYSTEM, AND ASSOCIATED METHODS

(71) Johnston, T.  
(21) 2022903321 (22) 07.11.2022  
(54) Remotely switchable power plug apparatus

Provisional Applications Filed - Name Index cont'd

(71) kenny, r.  
(21) 2022903373 (22) 10.11.2022  
(54) Construction System Components

(71) Knebel, D.  
(21) 2022903329 (22) 07.11.2022  
(54) Garment donning assistant device

(71) Lam, T.T.  
(21) 2022903333 (22) 08.11.2022  
(54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) Lam, T.T.  
(21) 2022903364 (22) 10.11.2022  
(54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) Liberation Metallurgy International Pty Ltd  
(21) 2022903350 (22) 09.11.2022  
(54) A process for the recovery of metals from metal-bearing materials

(71) Lion Pty Ltd  
(21) 2022903334 (22) 08.11.2022  
(54) BEVERAGE DISPENSING APPARATUS

(71) MANTIS DESIGN PTY. LIMITED  
(21) 2022903347 (22) 09.11.2022  
(54) Miniature Model Holder

(71) Mara Design Pty Ltd  
(21) 2022903352 (22) 09.11.2022  
(54) SURGICAL TOOL

(71) McGrath, G.  
(21) 2022903359 (22) 09.11.2022  
(54) ACCESS CONTROL SYSTEM AND LOCK

(71) Melcare Medical Pty Ltd  
(21) 2022903374 (22) 10.11.2022  
(54) Compositions and uses therefor

(71) Moarbes, J.; Nakajima, M.  
(21) 2022903409 (22) 14.11.2022  
(54) An accessory carry case

(71) Monash University  
(21) 2022903395 (22) 11.11.2022  
(54) NON-INVASIVE IMAGING SYSTEM FOR IMAGING BIOLOGICAL MATERIALS

(71) More Happy Days Pty Ltd  
(21) 2022903341 (22) 08.11.2022  
(54) Skincare treatment composition for the relief of the symptoms of acne and rosacea

(71) MULTIBUS LTD  
(21) 2022903414 (22) 14.11.2022  
(54) METHOD AND APPARATUS FOR ALIGNMENT OF A VEHICLE WITH OVERHEAD WIRES

Nakajima, M. see Moarbes, J.  
(21) 2022903409

(71) Natural MedTech Pty Ltd  
(21) 2022903320 (22) 07.11.2022  
(54) Psychedelic Formulations and Uses

(71) Nautical Mall  
(21) 2022903276 (22) 02.11.2022  
(54) Nautical Mall

(71) NewSouth Innovations Pty Limited  
(21) 2022903376 (22) 10.11.2022  
(54) A method for the degradation of peroxide-based explosives

(71) NewSouth Innovations Pty Limited  
(21) 2022903394 (22) 11.11.2022  
(54) Ultrasensitive CRISPR biosensors assisted by circular mediators

(71) Optex Solar Pty Ltd  
(21) 2022903318 (22) 07.11.2022  
(54) Manual coffee press assembly and method of making coffee using same

OSTROJ a.s. see Phoenix Underground Pty Ltd  
(21) 2022903323

Pact Renewables Pty Ltd see Arakel, A.  
(21) 2022903332

PAULIN, A. see PAULIN, M.  
(21) 2022903317

(71) PAULIN, M.; PAULIN, A.  
(21) 2022903317 (22) 07.11.2022  
(54) Portable scaffolding work platform support

(71) PDI Australia Pty Ltd  
(21) 2022903365 (22) 10.11.2022  
(54) A system and method for sleeper retaining wall construction

(71) Peter MacCallum Cancer Institute  
(21) 2022903406 (22) 14.11.2022  
(54) Fusion proteins and uses thereof

(71) Phoenix Underground Pty Ltd; OSTROJ a.s.  
(21) 2022903323 (22) 07.11.2022  
(54) Tailgate Roadway Support System

(71) Powa Corporation Pty Ltd  
(21) 2022903319 (22) 07.11.2022  
(54) Brush

(71) PROACTIVE GROUND SOLUTIONS PTY LTD  
(21) 2022903399 (22) 11.11.2022  
(54) Explosive Additive

(71) QMR (IP) PTY LTD  
(21) 2022903357 (22) 09.11.2022  
(54) ASSESSMENT OF INHIBITED BULK EXPLOSIVE PRODUCTS USED IN REACTIVE GROUND

(71) RAZA KHAN, S.  
(21) 2022903343 (22) 09.11.2022  
(54) Quran Learning Management

(71) Scolaro, A.  
(21) 2022903360 (22) 09.11.2022  
(54) A Power Drive

(71) Simpson, j.  
(21) 2022903403 (22) 13.11.2022  
(54) A composition of materials including waste to manufacture components for the construction industry

(71) Simpson, j.  
(21) 2022903405 (22) 14.11.2022  
(54) Inert Surface Coating

(71) Slattery, N.  
(21) 2022903322 (22) 07.11.2022  
(54) Mark-Up Mate is a Silicone thumb grip with a pencil holder. This invention can be used for those who work in trades or arts. It allows you to have your pencil handy at all times, safely, and comfortably connected to your thumb

(71) Smith, R.  
(21) 2022903340 (22) 08.11.2022  
(54) Foodstuffs and methods and systems for their production

(71) St Bach, G.  
(21) 2022903298 (22) 04.11.2022  
(54) Gear for Piston Assembly

Provisional Applications Filed - Name Index cont'd

---

(71) Sympatico Sistas  
 (21) 2022903392 (22) 11.11.2022  
 (54) Using MLS laser for supportive cancer care

---

(71) TAN, J.; TAY, K.  
 (21) 2022903353 (22) 09.11.2022  
 (54) Ostomy custom skin barrier method and system

---

**TAY, K. see TAN, J.**  
 (21) 2022903353

---

(71) The Microbiome Research Group (TMR) Pty Ltd  
 (21) 2022903336 (22) 08.11.2022  
 (54) PROCESSES AND CATALYSTS FOR SELECTIVE OXIDATION OF ALCOHOL AND CARBONYL GROUPS OF ORGANIC COMPOUNDS

---

**The University of the Sunshine Coast see DMTC Limited**  
 (21) 2022903342

---

(71) Tinnitus TeleCare Pty Ltd  
 (21) 2022903354 (22) 09.11.2022  
 (54) SYSTEMS AND METHODS FOR PROVIDING RELIEF TO A SUBJECT EXPERIENCING TINNITUS

---

(71) TOM  
 (21) 2022903314 (22) 05.11.2022  
 (54) Method and system for copyright management apparatus, electronic copyrighted work sales apparatus, electronic book display apparatus, key information management apparatus, and electronic copyrighted work distribution management system in which apparatuses are connected by communication line

---

(71) University of Southern Queensland  
 (21) 2022903335 (22) 08.11.2022  
 (54) AN APPLICATOR AND METHOD OF USE THEREOF

---

(71) Vitrafy Life Sciences Limited  
 (21) 2022903337 (22) 08.11.2022  
 (54) Method for controlling the handling of biological material

---

**Wood, A. see Hayes, M.**  
 (21) 2022903385

---

(71) Wooderson, K.  
 (21) 2022903390 (22) 11.11.2022  
 (54) SYSTEM AND METHOD FOR IDENTIFYING SERIALISED ASSETS

---



---

(71) Xero Limited  
 (21) 2022903361 (22) 10.11.2022  
 (54) Methods, systems and computer program products for synchronising data between multiple applications

---

(71) Xero Limited  
 (21) 2022903391 (22) 11.11.2022  
 (54) Methods, systems and computer-readable media for training document type prediction models, and use thereof for creating accounting records

---

(71) Yeomans, A.  
 (21) 2022903369 (22) 10.11.2022  
 (54) An Earthworking Tool Assembly

---

(71) Yoshimura, O.  
 (21) 2022903410 (22) 14.11.2022  
 (54) Drawing apparatus and method of drawing on and with same

---

(71) ZEROJET LIMITED  
 (21) 2022903388 (22) 11.11.2022  
 (54) JET UNIT ASSEMBLY

---

Numerical Index

2022903259	Gomez, R.	2022903374	Melcare Medical Pty Ltd
2022903260	Gomez, R.	2022903375	Firmus Technologies Pty Ltd
2022903276	Nautical Mall	2022903376	NewSouth Innovations Pty Limited
2022903297	BLINDSIDE GROUP PTY LTD	2022903377	Jimple Pty Ltd
2022903298	St Bach, G.	2022903378	Close Comfort Pty Ltd
2022903309	Humphreys, A.	2022903379	AQUIRIAN TECHNOLOGY PTY LTD
2022903314	TOM	2022903380	Box, H.
2022903315	Cripps Clark, J.	2022903381	Carucci, N.
2022903316	Gomez, R.	2022903382	Clarity Pharmaceuticals Ltd
2022903317	PAULIN, M.; PAULIN, A.	2022903383	Badrea, R.
2022903318	Optex Solar Pty Ltd	2022903384	Clarity Pharmaceuticals Ltd
2022903319	Powa Corporation Pty Ltd	2022903385	Hayes, M.; Wood, A.; Faiz, F.
2022903320	Natural MedTech Pty Ltd	2022903386	Inventia Life Science Pty Ltd
2022903321	Johnston, T.	2022903387	FELLROCK DEVELOPMENTS LIMITED
2022903322	Slattery, N.	2022903388	ZEROJET LIMITED
2022903323	Phoenix Underground Pty Ltd; OSTROJ a.s.	2022903389	Ardea Resources Limited
2022903325	DAZLM PTY LTD	2022903390	Wooderson, K.
2022903326	DAZLM PTY LTD	2022903391	Xero Limited
2022903327	DAZLM PTY LTD	2022903392	Sympatico Sistas
2022903328	DAZLM PTY LTD	2022903393	Archer Materials Limited
2022903329	Knebel, D.	2022903394	NewSouth Innovations Pty Limited
2022903330	EnviroGold Global Pty Ltd	2022903395	Monash University
2022903331	Innovative Products Pty Ltd	2022903396	Engender Technologies Limited
2022903332	Arakel, A.; Pact Renewables Pty Ltd	2022903397	Engender Technologies Limited
2022903333	Lam, T.T.	2022903398	Hullbot Pty Ltd
2022903334	Lion Pty Ltd	2022903399	PROACTIVE GROUND SOLUTIONS PTY LTD
2022903335	University of Southern Queensland	2022903400	DISTRICT NORTH KITCHEN PTY LTD
2022903336	The Microbiome Research Group (TMR) Pty Ltd	2022903402	Bennett, D.
2022903337	Vitrafy Life Sciences Limited	2022903403	Simpson, j.
2022903338	360 TWO Pty Ltd	2022903404	Christie, G.
2022903339	Graham, G.	2022903405	Simpson, j.
2022903340	Smith, R.	2022903406	Peter MacCallum Cancer Institute
2022903341	More Happy Days Pty Ltd	2022903409	Moarbes, J.; Nakajima, M.
2022903342	DMTC Limited; BioCifer Pty Ltd; The University of the Sunshine Coast	2022903410	Yoshimura, O.
2022903343	RAZA KHAN, S.	2022903411	BLUEGREEN POWER TECHNOLOGIES PTY. LTD.
2022903344	ICONTENT PTY LTD	2022903412	BFRE Pty Ltd
2022903345	Chrysos Corporation Limited	2022903414	MULTIBUS LTD
2022903346	Commonwealth Scientific and Industrial Research Organisation	2022903415	Biochill Pty Limited
2022903347	MANTIS DESIGN PTY. LIMITED		
2022903348	Commonwealth Scientific and Industrial Research Organisation		
2022903349	FELLROCK DEVELOPMENTS LIMITED		
2022903350	Liberation Metallurgy International Pty Ltd		
2022903351	Hülsen, T.		
2022903352	Mara Design Pty Ltd		
2022903353	TAN, J.; TAY, K.		
2022903354	Tinnitus TeleCare Pty Ltd		
2022903355	James Hardie Technology Limited		
2022903356	Hetherington, G.		
2022903357	QMR (IP) PTY LTD		
2022903358	COMPETITIVE EDGE TECHNOLOGY PTY LTD		
2022903359	McGrath, G.		
2022903360	Scolaro, A.		
2022903361	Xero Limited		
2022903362	Flame Security International Pty Ltd		
2022903363	Children's Medical Research Institute		
2022903364	Lam, T.T.		
2022903365	PDI Australia Pty Ltd		
2022903366	Batten, R.		
2022903367	Firmus Technologies Pty Ltd		
2022903368	Fisher & Paykel Healthcare Limited		
2022903369	Yeomans, A.		
2022903370	Health First Systems Ltd		
2022903371	Firmus Technologies Pty Ltd		
2022903372	Cellysis Pty Ltd		
2022903373	kenny, r.		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Nov 2022 .

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

<hr/> <p>(71) Accenture Global Solutions Limited (21) 2022259730 (22) 25.10.2022 (54) UTILIZING MACHINE LEARNING MODELS TO DETERMINE CUSTOMER CARE ACTIONS FOR TELECOMMUNICATIONS NETWORK PROVIDERS (62) 2021204055</p> <hr/> <p>(71) Actiforce International B.V. (21) 2022259735 (22) 25.10.2022 (54) HEIGHT-ADJUSTABLE OFFICE FURNITURE (31) 21204781.5 (32) 26.10.21 (33) EP</p> <hr/> <p>(71) Advanced Global Clinical Solutions Inc. (21) 2022259711 (22) 24.10.2022 (54) SYSTEMS AND METHODS FOR SEIZURE DETECTION BASED ON CHANGES IN ELECTROENCEPHALOGRAPH (EEG) NON-LINEARITIES (62) 2020334716</p> <hr/> <p>(71) AHF, LLC (21) 2022259809 (22) 27.10.2022 (54) COATING COMPOSITIONS INCLUDING DIAMOND AND EITHER CATIONIC CURABLE RESIN SYSTEMS OR THIOL-ENE CURABLE SYSTEMS (62) 2017339958</p> <hr/> <p>(71) Akebia Therapeutics, Inc (21) 2022259767 (22) 26.10.2022 (54) Solid forms of {[5-(3-chlorophenyl)-3-hydroxypyridine-2-carbonyl]amino}acetic acid, compositions, and uses thereof (62) 2020294308</p> <hr/> <p>(71) Allergan, Inc. (21) 2022259761 (22) 26.10.2022 (54) Heavy chain only antibodies to ANG-2 (62) 2016298398</p> <hr/> <p>(71) Amicus Therapeutics, Inc. (21) 2022259797 (22) 27.10.2022 (54) Method for selection of high M6P recombinant proteins (62) 2017239640</p> <hr/> <p>(71) Ascension Fitness Tools Pty Ltd (21) 2022259804 (22) 27.10.2022</p>	<p>(54) Exercise Apparatus (31) 2021903442 (32) 27.10.21 (33) AU</p> <hr/> <p>(71) Axon Therapies, Inc. (21) 2022259789 (22) 27.10.2022 (54) DEVICES, SYSTEMS, AND METHODS FOR TREATMENT OF HEART FAILURE BY SPLANCHNIC NERVE ABLATION (62) 2017301911</p> <hr/> <p>(71) BGC Partners, Inc (21) 2022259791 (22) 27.10.2022 (54) SYSTEM AND METHOD FOR PROVIDING LATENCY PROTECTION FOR TRADING ORDERS (62) 2021202462</p> <hr/> <p>(71) BioCryst Pharmaceuticals, Inc. (21) 2022259742 (22) 25.10.2022 (54) Human plasma kallikrein inhibitors (62) 2020260400</p> <hr/> <p>(71) Biomarin Pharmaceutical Inc. (21) 2022259813 (22) 27.10.2022 (54) Novel adeno-associated virus capsid proteins (62) 2017301600</p> <hr/> <p>(71) Blue River Technology Inc. (21) 2022259722 (22) 25.10.2022 (54) FARMING MACHINE WITH FORWARD-LOOKING SENSOR SYSTEM AND ACTUATABLE BEAM (31) 17/553,232 (32) 16.12.21 (33) US</p> <hr/> <p>(71) Boehringer Ingelheim International GmbH (21) 2022259788 (22) 27.10.2022 (54) Cell-controlled perfusion in continuous culture (62) 2016271607</p> <hr/> <p>(71) Burton, D. (21) 2022259814 (22) 27.10.2022 (54) Mobile Data Management System (62) 2020239735</p> <hr/> <p>(71) butcher, e. (21) 2022259737 (22) 25.10.2022</p>	<p>(54) Gamma-source Reactor. [ Gamma-radiation Powered Electrical Source Device] (31) 2022902523 (32) 02.09.22 (33) AU</p> <hr/> <p>(71) Captek Softgel International, Inc (21) 2022259745 (22) 25.10.2022 (54) Soft gel compositions and capsules made from the same (62) 2019228589</p> <hr/> <p>(71) Catalyst OrthoScience Inc. (21) 2022259819 (22) 27.10.2022 (54) Arthroplasty prostheses with multi-axis fixation (62) 2017298302</p> <hr/> <p>(71) Cella Therapeutics, LLC (21) 2022259802 (22) 27.10.2022 (54) Sustained-release drug delivery systems comprising an intraocular pressure lowering agent, a CNP compound, an NPR-B compound, a Tie-2 agonist, or neurotrophic agent for use for treating glaucoma or ocular hypertension (62) 2019288296</p> <hr/> <p>(71) Cell Exosome Therapeutics Inc. (21) 2022259729 (22) 25.10.2022 (54) Method of producing proliferated cells, method of producing cell product, mesenchymal stem cell population and method of producing same, culture supernatant of stem cells and method of producing same, and therapeutic agent (62) 2021247879</p> <hr/> <p>(71) CMR Surgical Limited (21) 2022259747 (22) 25.10.2022 (54) Pulley arrangement and pulley guard for articulating a surgical instrument (62) 2018280952</p> <hr/> <p><b>Codagenix, Inc. see The USA, As Represented By The Secretary, Dept. Of Health And Human Services</b> (21) 2022256195</p> <hr/> <p><b>Coronado Aesthetics, LLC see nanoComposix, Inc.</b> (21) 2022259793</p>
--	---	---



Complete Applications Filed - Name Index cont'd

(71) Cripps Clark, J.  
 (21) 2022259783 (22) 26.10.2022  
 (54) QMake-GenPofAdd : Further generalised device & structures to be managed on objectives of promoting common data interfaces including standard digital and learning device interfaces where advanced technologies are digitally implemented or encompassing systems are confirmed using techniques that include block chain and or DET-PAT techniques including in natural and non-commercial systems of control and decision making and including where these may be implemented as standalone or distributed models.

(71) CritiTech, Inc.  
 (21) 2022259773 (22) 26.10.2022  
 (54) Methods for solid tumor treatment  
 (62) 2017246316

(71) CROWN EQUIPMENT CORPORATION  
 (21) 2022259726 (22) 25.10.2022  
 (54) Systems and methods for supervising industrial vehicles via encoded vehicular objects shown on a mobile client device  
 (62) 2020244555

(71) DOSE Medical Corporation  
 (21) 2022259816 (22) 27.10.2022  
 (54) Drug eluting ocular implant  
 (62) 2020204427

(71) Eaton Intelligent Power Limited  
 (21) 2022259805 (22) 27.10.2022  
 (54) Golf grip with reminder rib  
 (62) 2017221804

(71) ENEOS Corporation  
 (21) 2022259714 (22) 24.10.2022  
 (54) Hydrogen Gas Filling Method And Hydrogen Gas Filling Device  
 (62) 2019278632

(71) Enphase Energy, Inc.  
 (21) 2022259780 (22) 26.10.2022  
 (54) Photovoltaic management and module-level power electronics  
 (62) 2021257962

(71) Estetra SRL  
 (21) 2022259753 (22) 26.10.2022  
 (54) Compounds and their uses for alleviating menopause-associated symptoms  
 (62) 2019254680

(71) E Track Limited  
 (21) 2022259723 (22) 25.10.2022

(54) Dock Door Access Apparatus  
 (31) GB2115443.0 (32) 27.10.21 (33) GB  
 GB2208784.5 15.06.22 GB

(71) Everblue Pty Ltd  
 (21) 2022259739 (22) 25.10.2022  
 (54) A SCAFFOLDING SECURITY APPARATUS  
 (31) 2021903512 (32) 03.11.21 (33) AU

(71) Fiskars Finland Oy Ab  
 (21) 2022259741 (22) 25.10.2022  
 (54) Blade cover and axe assembly  
 (31) 21206680.7 (32) 05.11.21 (33) EP

(71) Fiskars Finland Oy Ab  
 (21) 2022259743 (22) 25.10.2022  
 (54) Axe and a method for manufacturing an axe  
 (31) 21206671.6 (32) 05.11.21 (33) EP

(71) FloDesign Sonics, Inc.  
 (21) 2022259774 (22) 26.10.2022  
 (54) Separation using angled acoustic waves  
 (62) 2018243774

(71) Flooring Technologies Ltd.  
 (21) 2022259724 (22) 25.10.2022  
 (54) Method for producing an abrasion-resistant wood board  
 (62) 2020210473

(71) GBT Travel Services UK Ltd  
 (21) 2022259757 (22) 26.10.2022  
 (54) INTEGRATION OF MULTIPLE ELECTRONIC RECORDS  
 (62) 2017222481

(71) GBT Travel Services UK Ltd  
 (21) 2022259759 (22) 26.10.2022  
 (54) GENERATING CONSOLIDATED TRAVEL RECORDS FROM DISTINCT FORMATS  
 (62) 2016373563

(71) General Electric Company  
 (21) 2022259786 (22) 27.10.2022  
 (54) AIR TURBINE STARTER WITH LUBRICATION RECIRCULATION CIRCUIT  
 (31) 202211039930 (32) 12.07.22 (33) IN

(71) Genmab B.V.  
 (21) 2022259785 (22) 27.10.2022  
 (54) Dimeric protein with triple mutations  
 (62) 2020202410

(71) Glaukos Corporation  
 (21) 2022259798 (22) 27.10.2022  
 (54) Gonioscopic devices  
 (62) 2020203149

(71) G Power Plants DMCC  
 (21) 2022259777 (22) 26.10.2022  
 (54) Gravitational electric power plant technology  
 (62) 2019257531

(71) Houghton Technical Corp.  
 (21) 2022259754 (22) 26.10.2022  
 (54) Method and compositions for cleaning aluminum cans  
 (62) 2018375402

(71) houlihan, d.  
 (21) 2022256224 (22) 21.10.2022  
 (54) The Tradie Cooler

(71) Huawei Technologies Co., Ltd.  
 (21) 2022259770 (22) 26.10.2022  
 (54) MULTI-TYPE TREE DEPTH EXTENSION FOR PICTURE BOUNDARY HANDLING  
 (62) 2019276189

(71) Huawei Technologies Co., Ltd.  
 (21) 2022259771 (22) 26.10.2022  
 (54) RADIO SCHEDULING METHOD AND APPARATUS  
 (62) 2019344405

(71) IDAC Holdings, Inc.  
 (21) 2022259775 (22) 26.10.2022  
 (54) Synchronization signal burst, signal design, and system frame acquisition in new radio  
 (62) 2018217131

(71) Illinois Tool Works Inc.  
 (21) 2022259746 (22) 25.10.2022  
 (54) Clutch having limited articulation  
 (62) 2021205059, 2022204593

(71) Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.  
 (21) 2022259710 (22) 24.10.2022  
 (54) METHOD AND SYSTEM FOR JOINT TRANSMISSION OF VARIOUS EMERGENCY POWER GENERATION EQUIPMENT  
 (31) 202210906730.2 (32) 29.07.22 (33) CN

(71) Jones, M.  
 (21) 2022259768 (22) 26.10.2022  
 (54) User interface  
 (62) 2016383127

(71) Koninklijke Philips N.V.  
 (21) 2022259725 (22) 25.10.2022

Complete Applications Filed - Name Index cont'd

(54) Light guides with low refractive coating to be used in water  
(62) 2017288499

(71) Koppers Delaware, Inc.  
(21) 2022259728 (22) 25.10.2022  
(54) Heat treatment process and system for increased pitch yields  
(62) 2020316273

(71) Koppers Performance Chemicals, Inc.  
(21) 2022259776 (22) 26.10.2022  
(54) A method for treating a wood substrate  
(31) 17/526,526 (32) 15.11.21 (33) US

(71) Leung, H.Y.  
(21) 2022259782 (22) 26.10.2022  
(54) Detection of organic compounds  
(62) 2017211686

(71) Livent USA Corp.  
(21) 2022259740 (22) 25.10.2022  
(54) Printable Lithium Compositions  
(62) 2019240246

(71) Loxo Oncology, Inc.  
(21) 2022259781 (22) 26.10.2022  
(54) Spray-dried dispersions and formulations of (S)-5-amino-3-(4-((5-fluoro-2-methoxybenzamido)methyl)phenyl)-1-(1,1,1-trifluoro propan-2-yl)-1H-pyrazole-4-carboxamide  
(62) 2019314302

(71) Magic Leap, Inc.  
(21) 2022259806 (22) 27.10.2022  
(54) Localization determination for mixed reality systems  
(62) 2021204725

(71) Magic Leap, Inc.  
(21) 2022259815 (22) 27.10.2022  
(54) VIRTUAL AND AUGMENTED REALITY SYSTEMS AND METHODS HAVING UNEQUAL NUMBERS OF COMPONENT COLOR IMAGES DISTRIBUTED ACROSS DEPTH PLANES  
(62) 2022200301

(71) Massachusetts Institute of Technology  
(21) 2022259755 (22) 26.10.2022  
(54) ALKENYL SUBSTITUTED 2,5-PIPERAZINEDIONES AND THEIR USE IN COMPOSITIONS FOR DELIVERING AN AGENT TO A SUBJECT OR CELL  
(62) 2021200199

Maxeon Solar Pte. Ltd. see Total Marketing Services  
(21) 2022259718

(71) Maxeon Solar Pte. Ltd.  
(21) 2022259794 (22) 27.10.2022  
(54) PHOTOVOLTAIC MODULE HAVING AN EXTERNAL ELECTRICAL CONNECTOR  
(62) 2017290701

(71) Merck Sharp & Dohme LLC.  
(21) 2022259744 (22) 25.10.2022  
(54) PCSK9 antagonist compounds  
(62) 2019290163

(71) Mersana Therapeutics, Inc.  
(21) 2022259796 (22) 27.10.2022  
(54) Antibody drug conjugates comprising STING agonists  
(62) 2021248635

(71) min, b.  
(21) 2022259704 (22) 24.10.2022  
(54) Fusion Yeast Spread

(71) ModernaTX, Inc.  
(21) 2022259750 (22) 26.10.2022  
(54) Compositions and methods for delivery of therapeutic agents  
(62) 2016366978

(71) Monsanto Technology LLC  
(21) 2022259792 (22) 27.10.2022  
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF  
(62) 2020223680

Murphy, S.B. see Murphy, W.S.  
(21) 2022259727

(71) Murphy, W.S.; Murphy, S.B.  
(21) 2022259727 (22) 25.10.2022  
(54) METHOD AND APPARATUS FOR PERFORMING ANTERIOR HIP SURGERY  
(62) 2021203649

(71) MURPHY, N.  
(21) 2022259712 (22) 24.10.2022  
(54) Method of Levelling Volumetric Building Modules  
(31) 2021903425 (32) 26.10.21 (33) AU

(71) nanoComposix, Inc.; Coronado Aesthetics, LLC  
(21) 2022259793 (22) 27.10.2022  
(54) Silver nanoplate compositions and methods  
(62) 2020204436

(71) Neovasc Medical Ltd.  
(21) 2022259778 (22) 26.10.2022  
(54) Covered flow modifying apparatus  
(62) 2020210935

(71) NeuroLens, Inc.  
(21) 2022259763 (22) 26.10.2022  
(54) LOW-CONVERGENCE NEGATIVE POWER SPECTACLES  
(62) 2018397593

(71) NeuroLens, Inc.  
(21) 2022259764 (22) 26.10.2022  
(54) LOW-CONVERGENCE SPECTACLES  
(62) 2017340775

(71) NeuroLens, Inc.  
(21) 2022259765 (22) 26.10.2022  
(54) LOW-CONVERGENCE NEGATIVE POWER SPECTACLES  
(62) 2018397593

(71) NeuroLens, Inc.  
(21) 2022259769 (22) 26.10.2022  
(54) LOW-CONVERGENCE SPECTACLES  
(62) 2017340775

(71) Nextracker Inc.  
(21) 2022259810 (22) 27.10.2022  
(54) Systems for and methods of positioning solar panels in an array of solar panels with spectrally adjusted irradiance tracking  
(62) 2019327453

(71) Nithi-uthai, B.  
(21) 2022259811 (22) 27.10.2022  
(54) Anti-bedsores mattress with improved load-bearing component  
(31) 2203000194 (32) 26.01.22 (33) TH

(71) NVIDIA Corporation  
(21) 2022259808 (22) 27.10.2022  
(54) Image upsampling using one or more neural networks  
(31) 17/514,448 (32) 29.10.21 (33) US

(71) ORIGINAL BIOMEDICALS CO., LTD.  
(21) 2022259787 (22) 27.10.2022  
(54) COMPOSITION FOR UPPER RESPIRATORY TRACT ADMINISTRATION AND METHOD THEREOF  
(31) 63/273,317 (32) 29.10.21 (33) US

(71) Orthofix US LLC  
(21) 2022259790 (22) 27.10.2022  
(54) SYSTEMS AND METHODS FOR MUSCULOSKELETAL TISSUE TREATMENT  
(62) 2018207572

(71) Paradigm BioPharmaceuticals Ltd  
(21) 2022259716 (22) 25.10.2022

Complete Applications Filed - Name Index cont'd

<p>(54) Treatment of pain with polysulfated polysaccharides (62) 2019357946</p> <hr/> <p>(71) Pioneer Hi-Bred International, Inc. (21) 2022259752 (22) 26.10.2022 (54) Rapid characterization of Cas endonuclease systems, PAM sequences and guide RNA elements (62) 2016265560</p> <hr/> <p>(71) Rearden, LLC (21) 2022259748 (22) 26.10.2022 (54) SYSTEMS AND METHODS FOR DISTRIBUTING RADIOHEADS (62) 2017350850</p> <hr/> <p>(71) Regeneron Pharmaceuticals, Inc. (21) 2022259817 (22) 27.10.2022 (54) Systems and methods for failure mode detection in process chromatography (62) 2019221563</p> <hr/> <p>(71) Rehrig Pacific Company (21) 2022259758 (22) 26.10.2022 (54) Lift and pallet (62) 2017201039</p> <hr/> <p>(71) Rinnai Corporation (21) 2022259736 (22) 25.10.2022 (54) Rich-lean flame burner (31) 2021-184244 (32) 11.11.21 (33) JP</p> <hr/> <p>(71) Roccon, J. (21) 2022259799 (22) 27.10.2022 (54) Concealed retractable roof storage (31) 2022903132 (32) 23.10.22 (33) AU</p> <hr/> <p>(71) SAP SE (21) 2022259801 (22) 27.10.2022 (54) Native multi-tenancy for database system (31) 17/892,597 (32) 22.08.22 (33) US 63/352,779 16.07.22 US</p> <hr/> <p>(71) Savant Systems, Inc. (21) 2022259772 (22) 26.10.2022 (54) SYSTEM AND METHODS FOR CREATING DYNAMIC NANO GRIDS AND FOR AGGREGATING ELECTRIC POWER CONSUMERS TO PARTICIPATE IN ENERGY MARKETS (62) 2017326016</p> <hr/> <p>(71) SawStop Holding LLC (21) 2022259795 (22) 27.10.2022 (54) DETECTION SYSTEMS FOR POWER TOOLS WITH ACTIVE INJURY MITIGATION TECHNOLOGY (62) 2017274515</p>	<p>(71) Seminis Vegetable Seeds, Inc. (21) 2022259803 (22) 27.10.2022 (54) Green bean plants with improved disease resistance (62) 2020208190</p> <hr/> <p>(71) Shifamed Holdings, LLC (21) 2022259731 (22) 25.10.2022 (54) ADJUSTABLE FLOW GLAUCOMA SHUNTS AND METHODS FOR MAKING AND USING SAME (62) 2018304549</p> <hr/> <p>(71) Shockwave Medical, Inc. (21) 2022259717 (22) 25.10.2022 (54) LOW PROFILE ELECTRODES FOR A SHOCK WAVE CATHETER (62) 2018367404</p> <hr/> <p>(71) Sierra Oncology, Inc. (21) 2022259818 (22) 27.10.2022 (54) Chk1 (SRA737)/PARPi combination methods of inhibiting tumor growth (62) 2018250552</p> <hr/> <p>(71) SOCIALMAP PTY LTD (21) 2022259858 (22) 28.10.2022 (54) INFORMATION VERIFICATION SYSTEM AND METHOD THEREFOR (31) 2021903690 (32) 17.11.21 (33) AU</p> <hr/> <p>(71) Stanley, A. (21) 2022259708 (22) 24.10.2022 (54) Delayed Reciprocation Engine</p> <hr/> <p>(71) Stenograph, L.L.C. (21) 2022259749 (22) 26.10.2022 (54) Transcription system with contextual automatic speech recognition (31) 63/299,065 (32) 13.01.22 (33) US</p> <hr/> <p>(71) Stryker Corporation (21) 2022259720 (22) 25.10.2022 (54) Cassette for use with a medical waste collection system (62) 2020203442</p> <hr/> <p>(71) Stryker Corporation (21) 2022259760 (22) 26.10.2022 (54) Assembly for positioning a sterile surgical drape relative to optical position sensors (62) 2021201269</p> <hr/> <p>(71) Swan Hill Engineering Pty Ltd (21) 2022259779 (22) 26.10.2022 (54) Large Scale Building with Natural Ventilation (62) 2016200804</p>	<p>(71) SyntheX, Inc. (21) 2022259709 (22) 24.10.2022 (54) Protein interfaces (62) 2021205010</p> <hr/> <p>(71) TacTest Pty Ltd (21) 2022259784 (22) 26.10.2022 (54) Diagnostic apparatus for vehicular electrical systems (31) 2021903459 (32) 28.10.21 (33) AU</p> <hr/> <p>(71) TENEOBIO, INC. (21) 2022259766 (22) 26.10.2022 (54) Multispecific heavy chain antibodies with modified heavy chain constant regions (62) 2021263448</p> <hr/> <p>(71) The Boeing Company (21) 2022259800 (22) 27.10.2022 (54) System and method for extracting light using fibers (31) 17/649,198 (32) 28.01.22 (33) US</p> <hr/> <p>(71) The Regents of the University of California (21) 2022259738 (22) 25.10.2022 (54) In vitro production of medial ganglionic eminence precursor cells (62) 2020200034</p> <hr/> <p>(71) The University of Queensland (21) 2022259719 (22) 25.10.2022 (54) DETECTION METHOD (62) 2018312421</p> <hr/> <p>(71) The USA, As Represented By The Secretary, Dept. Of Health And Human Services; Codagenix, Inc. (21) 2022256195 (22) 21.10.2022 (54) VACCINE CANDIDATES FOR HUMAN RESPIRATORY SYNCYTIAL VIRUS (RSV) HAVING ATTENUATED PHENOTYPES (62) 2021218112</p> <hr/> <p>(71) Total Marketing Services; Maxeon Solar Pte. Ltd. (21) 2022259718 (22) 25.10.2022 (54) PHOTOVOLTAIC PANEL HAVING A DISTRIBUTED SUPPORT FRAME (62) 2017290708</p> <hr/> <p>(71) Turbett Surgical, Inc. (21) 2022259807 (22) 27.10.2022 (54) Method and apparatus for loading a floor loading sterilizer (62) 2020273323</p> <hr/> <p>(71) Victory Innovations Company (21) 2022259756 (22) 26.10.2022</p>
---	--	---

Complete Applications Filed - Name Index cont'd

(54) ELECTROSTATIC FLUID DELIVERY  
BACKPACK SYSTEM  
(62) 2016378727

---

(71) Virexcedis Pty Ltd trading as VRX IN-  
DUSTRIES  
(21) 2022259751 (22) 26.10.2022  
(54) A Locking System  
(31) 2021903422 (32) 26.10.21 (33) AU

---

(71) Vorwerk & Co. Interholding GmbH  
(21) 2022259721 (22) 25.10.2022  
(54) METHOD FOR OPERATING A KIT-  
CHEN SYSTEM, KITCHEN SYSTEM  
FOR PREPARING FOOD, AND COM-  
PUTER PROGRAM PRODUCT  
(62) 2021201674

---

(71) Wombat Timbers Pty Ltd  
(21) 2022259733 (22) 25.10.2022  
(54) SYSTEM AND METHOD FOR UN-  
LOADING A SHIPPING CONTAINER

---

(71) Wonderland Switzerland AG  
(21) 2022259732 (22) 25.10.2022  
(54) Child Carrier  
(31) 202111242957.3 (32) 25.10.21 (33) CN

---

(71) Z Optics, Inc.  
(21) 2022259820 (22) 27.10.2022  
(54) High definition and extended depth of  
field intraocular lens  
(62) 2020203170

Numerical Index

<b>2022256195</b>	The USA, As Represented By The Secretary, Dept. Of Health And Human Services; Codagenix, Inc.	<b>2022259774</b>	FloDesign Sonics, Inc.
<b>2022256224</b>	houlihan, d.	<b>2022259775</b>	IDAC Holdings, Inc.
<b>2022259704</b>	min, b.	<b>2022259776</b>	Koppers Performance Chemicals, Inc.
<b>2022259708</b>	Stanley, A.	<b>2022259777</b>	G Power Plants DMCC
<b>2022259709</b>	SyntheX, Inc.	<b>2022259778</b>	Neovasc Medical Ltd.
<b>2022259710</b>	Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.	<b>2022259779</b>	Swan Hill Engineering Pty Ltd
<b>2022259711</b>	Advanced Global Clinical Solutions Inc.	<b>2022259780</b>	Enphase Energy, Inc.
<b>2022259712</b>	MURPHY, N.	<b>2022259781</b>	Loxo Oncology, Inc.
<b>2022259714</b>	ENEOS Corporation	<b>2022259782</b>	Leung, H.Y.
<b>2022259716</b>	Paradigm BioPharmaceuticals Ltd	<b>2022259783</b>	Cripps Clark, J.
<b>2022259717</b>	Shockwave Medical, Inc.	<b>2022259784</b>	TacTest Pty Ltd
<b>2022259718</b>	Total Marketing Services; Maxeon Solar Pte. Ltd.	<b>2022259785</b>	Genmab B.V.
<b>2022259719</b>	The University of Queensland	<b>2022259786</b>	General Electric Company
<b>2022259720</b>	Stryker Corporation	<b>2022259787</b>	ORIGINAL BIOMEDICALS CO., LTD.
<b>2022259721</b>	Vorwerk & Co. Interholding GmbH	<b>2022259788</b>	Boehringer Ingelheim International GmbH
<b>2022259722</b>	Blue River Technology Inc.	<b>2022259789</b>	Axon Therapeutics, Inc.
<b>2022259723</b>	E Track Limited	<b>2022259790</b>	Orthofix US LLC
<b>2022259724</b>	Flooring Technologies Ltd.	<b>2022259791</b>	BGC Partners, Inc
<b>2022259725</b>	Koninklijke Philips N.V.	<b>2022259792</b>	Monsanto Technology LLC
<b>2022259726</b>	CROWN EQUIPMENT CORPORATION	<b>2022259793</b>	nanoComposix, Inc.; Coronado Aesthetics, LLC
<b>2022259727</b>	Murphy, W.S.; Murphy, S.B.	<b>2022259794</b>	Maxeon Solar Pte. Ltd.
<b>2022259728</b>	Koppers Delaware, Inc.	<b>2022259795</b>	SawStop Holding LLC
<b>2022259729</b>	Cell Exosome Therapeutics Inc.	<b>2022259796</b>	Mersana Therapeutics, Inc.
<b>2022259730</b>	Accenture Global Solutions Limited	<b>2022259797</b>	Amicus Therapeutics, Inc.
<b>2022259731</b>	Shifamed Holdings, LLC	<b>2022259798</b>	Glaukos Corporation
<b>2022259732</b>	Wonderland Switzerland AG	<b>2022259799</b>	Roccon, J.
<b>2022259733</b>	Wombat Timbers Pty Ltd	<b>2022259800</b>	The Boeing Company
<b>2022259735</b>	Actiforce International B.V.	<b>2022259801</b>	SAP SE
<b>2022259736</b>	Rinnai Corporation	<b>2022259802</b>	Cella Therapeutics, LLC
<b>2022259737</b>	butcher, e.	<b>2022259803</b>	Seminis Vegetable Seeds, Inc.
<b>2022259738</b>	The Regents of the University of California	<b>2022259804</b>	Ascension Fitness Tools Pty Ltd
<b>2022259739</b>	Everblue Pty Ltd	<b>2022259805</b>	Eaton Intelligent Power Limited
<b>2022259740</b>	Livent USA Corp.	<b>2022259806</b>	Magic Leap, Inc.
<b>2022259741</b>	Fiskars Finland Oy Ab	<b>2022259807</b>	Turbett Surgical, Inc.
<b>2022259742</b>	BioCryst Pharmaceuticals, Inc.	<b>2022259808</b>	NVIDIA Corporation
<b>2022259743</b>	Fiskars Finland Oy Ab	<b>2022259809</b>	AHF, LLC
<b>2022259744</b>	Merck Sharp & Dohme LLC.	<b>2022259810</b>	Nextracker Inc.
<b>2022259745</b>	Captex Softgel International, Inc	<b>2022259811</b>	Nithi-uthai, B.
<b>2022259746</b>	Illinois Tool Works Inc.	<b>2022259813</b>	Biomarin Pharmaceutical Inc.
<b>2022259747</b>	CMR Surgical Limited	<b>2022259814</b>	Burton, D.
<b>2022259748</b>	Rearden, LLC	<b>2022259815</b>	Magic Leap, Inc.
<b>2022259749</b>	Stenograph, L.L.C.	<b>2022259816</b>	DOSE Medical Corporation
<b>2022259750</b>	ModernaTX, Inc.	<b>2022259817</b>	Regeneron Pharmaceuticals, Inc.
<b>2022259751</b>	Virexcedis Pty Ltd trading as VRX INDUSTRIES	<b>2022259818</b>	Sierra Oncology, Inc.
<b>2022259752</b>	Pioneer Hi-Bred International, Inc.	<b>2022259819</b>	Catalyst OrthoScience Inc.
<b>2022259753</b>	Estetra SRL	<b>2022259820</b>	Z Optics, Inc.
<b>2022259754</b>	Houghton Technical Corp.	<b>2022259858</b>	SOCIALMAP PTY LTD
<b>2022259755</b>	Massachusetts Institute of Technology		
<b>2022259756</b>	Victory Innovations Company		
<b>2022259757</b>	GBT Travel Services UK Ltd		
<b>2022259758</b>	Rehrig Pacific Company		
<b>2022259759</b>	GBT Travel Services UK Ltd		
<b>2022259760</b>	Stryker Corporation		
<b>2022259761</b>	Allergan, Inc.		
<b>2022259763</b>	Neurolens, Inc.		
<b>2022259764</b>	Neurolens, Inc.		
<b>2022259765</b>	Neurolens, Inc.		
<b>2022259766</b>	TENEOBIO, INC.		
<b>2022259767</b>	Akebia Therapeutics, Inc		
<b>2022259768</b>	Jones, M.		
<b>2022259769</b>	Neurolens, Inc.		
<b>2022259770</b>	Huawei Technologies Co., Ltd.		
<b>2022259771</b>	Huawei Technologies Co., Ltd.		
<b>2022259772</b>	Savant Systems, Inc.		
<b>2022259773</b>	CritiTech, Inc.		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Nov 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

---

(71) Apple Inc.  
(21) 2022100164 (22) 10.11.2022  
(54) User interfaces for viewing and refining the current location of an electronic device  
(62) 2022100048

---

(71) Mine Site Technologies Pty Ltd  
(21) 2022100168 (22) 11.11.2022  
(54) Telecommunication system and method, and components therefor  
(62) 2017331808

---



---

(71) Apple Inc.  
(21) 2022100166 (22) 10.11.2022  
(54) Watchbands with hook and loop fasteners  
(62) 2020100243

---

(71) Urban Electric Networks Ltd  
(21) 2022100165 (22) 10.11.2022  
(54) Electric vehicle charging station  
(62) 2019265673

---

(71) BASF Plant Science Company GmbH  
(21) 2022100170 (22) 14.11.2022  
(54) Improved methods for modification of target nucleic acids  
(62) 2017256517

---

(71) BTL Healthcare Technologies a.s.  
(21) 2022100167 (22) 11.11.2022  
(54) Device and method for unattended treatment of a patient  
(62) 2021269187

---

(71) COS IPT Pty Ltd  
(21) 2022100169 (22) 11.11.2022  
(54) APPARATUS FOR STORING ORGANIC MATERIAL  
(62) 2016345054

---

(71) Hansen Price Pty Ltd  
(21) 2022100174 (22) 15.11.2022  
(54) Collapsible Mast  
(62) 2021102868

---

(71) K S Paterson Nominees Pty Ltd  
(21) 2022100171 (22) 14.11.2022  
(54) Agricultural Tilling Assembly and Components  
(62) 2018321582

---

(71) K S Paterson Nominees Pty Ltd  
(21) 2022100172 (22) 14.11.2022  
(54) Agricultural Tilling Assembly and Components  
(62) 2018321582

---

(71) K S Paterson Nominees Pty Ltd  
(21) 2022100173 (22) 14.11.2022  
(54) Agricultural Tilling Assembly and Components  
(62) 2018321582

**Numerical Index**

<b>2022100164</b>	Apple Inc.	<b>2022100170</b>	BASF Plant Science Company GmbH
<b>2022100165</b>	Urban Electric Networks Ltd	<b>2022100171</b>	K S Paterson Nominees Pty Ltd
<b>2022100166</b>	Apple Inc.	<b>2022100172</b>	K S Paterson Nominees Pty Ltd
<b>2022100167</b>	BTL Healthcare Technologies a.s.	<b>2022100173</b>	K S Paterson Nominees Pty Ltd
<b>2022100168</b>	Mine Site Technologies Pty Ltd	<b>2022100174</b>	Hansen Price Pty Ltd
<b>2022100169</b>	COS IPT Pty Ltd		

**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:

**Code Meaning**

- 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)
- 9 Application Lapsed Section 142(3)
- 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
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 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
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
- N Applications not Open to Public Inspection

**2002**

2002301788 ( 14 )	2002301805 ( 14 )	2002301822 ( 14 )
2002301840 ( 14 )	2002301845 ( 14 )	2002301893 ( 14 )
2002302124 ( 14 )	2002335587 ( 14 )	2002336808 ( 14 )
2002336830 ( 14 )	2002336869 ( 14 )	2002340091 ( 14 )
2002340365 ( 14 )	2002340375 ( 14 )	2002340393 ( 14 )
2002340458 ( 14 )	2002341189 ( 14 )	2002343215 ( 14 )
2002343679 ( 14 )	2002344453 ( 14 )	2002344460 ( 14 )
2002344619 ( 14 )	2002346828 ( 14 )	2002347731 ( 14 )
2002348181 ( 14 )	2002348340 ( 14 )	2002350104 ( 14 )
2002350106 ( 14 )	2002350112 ( 14 )	2002350141 ( 14 )
2002350672 ( 14 )	2002351823 ( 14 )	2002351915 ( 14 )
2002352524 ( 14 )	2002353975 ( 14 )	2002354031 ( 14 )
2002356885 ( 14 )	2002356896 ( 14 )	2002356899 ( 14 )
2002358875 ( 14 )	2002360363 ( 14 )	2002361594 ( 14 )
2002361610 ( 14 )	2002363343 ( 14 )	2002363525 ( 14 )
2002363613 ( 14 )	2002363720 ( 14 )	

**2003**

2003223924 ( 14 )	2003227687 ( 14 )	2003231148 ( 14 )
-------------------	-------------------	-------------------

2003231257 ( 14 )	2003232023 ( 14 )	2003235976 ( 14 )
2003237138 ( 14 )	2003265463 ( 14 )	

**2004**

2004201823 ( 14 )	2004201837 ( 14 )	2004235396 ( 14 )
2004235743 ( 14 )	2004236695 ( 14 )	2004239035 ( 14 )
2004240172 ( 14 )	2004245874 ( 14 )	2004319708 ( 14 )

**2005**

2005235815 ( 14 )	2005240104 ( 14 )	2005240605 ( 14 )
2005245362 ( 14 )	2005251502 ( 14 )	

**2006**

2006201478 ( 14 )	2006201767 ( 14 )	2006202917 ( 14 )
2006202937 ( 14 )	2006202938 ( 14 )	2006238967 ( 14 )
2006239222 ( 14 )	2006239223 ( 14 )	2006239420 ( 14 )
2006241043 ( 14 )	2006241112 ( 14 )	2006242257 ( 14 )
2006242377 ( 14 )	2006242458 ( 14 )	2006242631 ( 14 )
2006242632 ( 14 )	2006242795 ( 14 )	2006251711 ( 14 )

**2007**

2007201354 ( 14 )	2007201853 ( 14 )	2007201872 ( 14 )
2007234618 ( 14 )	2007243167 ( 14 )	2007246869 ( 14 )

**2008**

2008201009 ( 14 )	2008201888 ( 14 )	2008201890 ( 14 )
2008201894 ( 14 )	2008202088 ( 14 )	2008203058 ( 14 )
2008244009 ( 14 )	2008245404 ( 14 )	2008247010 ( 14 )
2008247011 ( 14 )	2008247706 ( 14 )	2008247757 ( 14 )
2008247819 ( 14 )	2008248198 ( 14 )	2008248457 ( 14 )
2008250436 ( 14 )	2008250773 ( 14 )	2008251005 ( 14 )
2008257130 ( 14 )	2008355537 ( 14 )	

**2009**

2009201693 ( 14 )	2009202974 ( 14 )	2009227891 ( 14 )
2009241355 ( 14 )	2009241762 ( 14 )	2009242088 ( 14 )
2009242745 ( 14 )	2009243028 ( 14 )	2009243775 ( 14 )
2009248414 ( 14 )		

**2010**

2010201714 ( 14 )	2010226920 ( 14 )	2010239848 ( 14 )
2010242598 ( 14 )	2010242781 ( 14 )	2010242922 ( 14 )
2010243817 ( 14 )	2010243910 ( 14 )	2010246238 ( 14 )
2010257064 ( 14 )		

**2011**

2011200720 ( 14 )	2011201612 ( 14 )	2011201958 ( 14 )
2011202200 ( 14 )	2011218675 ( 14 )	2011245073 ( 14 )
2011245238 ( 14 )	2011245472 ( 14 )	2011246910 ( 14 )
2011247036 ( 14 )	2011247043 ( 14 )	2011247050 ( 14 )
2011247542 ( 14 )	2011247703 ( 14 )	2011248466 ( 14 )
2011282380 ( 14 )	2011353510 ( 14 )	2011366717 ( 14 )
2011366903 ( 14 )		

**2012**

2012202426 ( 14 )	2012202450 ( 14 )	2012203488 ( 14 )
2012227215 ( 14 )	2012248986 ( 14 )	2012249397 ( 14 )
2012249416 ( 14 )	2012249613 ( 14 )	2012250484 ( 14 )
2012251774 ( 14 )	2012252651 ( 14 )	2012253993 ( 14 )
2012282150 ( 14 )	2012377371 ( 14 )	

**2013**

2013205613 ( 14 )	2013251321 ( 14 )	2013255511 ( 14 )
2013255941 ( 14 )	2013256556 ( 14 )	2013256666 ( 14 )
2013265575 ( 14 )	2013275605 ( 14 )	2013295370 ( 14 )
2013388164 ( 14 )		

**2014**

2014101321 ( 22 )	2014101324 ( 22 )	2014101325 ( 22 )
2014101331 ( 22 )	2014101336 ( 22 )	2014101360 ( 22 )
2014101638 ( 22 )	2014200085 ( 14 )	2014202297 ( 14 )
2014202312 ( 14 )	2014202333 ( 14 )	2014202341 ( 14 )
2014227532 ( 14 )	2014227539 ( 14 )	2014259757 ( 14 )



2014259810 ( 14 ) 2014261429 ( 14 ) 2014261505 ( 14 )  
 2014261516 ( 14 ) 2014262138 ( 14 ) 2014301579 ( 14 )

**2015**

2015100793 ( 22 ) 2015101991 ( 22E ) 2015202144 ( 14 )  
 2015202171 ( 14 ) 2015208446 ( 14 ) 2015252763 ( 14 )  
 2015252879 ( 14 ) 2015252949 ( 14 ) 2015253019 ( 14 )  
 2015253045 ( 14 ) 2015253215 ( 14 ) 2015253231 ( 14 )  
 2015253370 ( 14 ) 2015254596 ( 14 ) 2015254977 ( 14 )  
 2015254979 ( 14 ) 2015254980 ( 14 ) 2015255164 ( 14 )  
 2015260906 ( 14 ) 2015264630 ( 14 ) 2015264809 ( 14 )  
 2015265804 ( 14 ) 2015394080 ( 14 )

**2016**

2016100470 ( 22E ) 2016100736 ( 22 ) 2016201258 ( 5C )  
 2016202651 ( 14 ) 2016202772 ( 4C ) 2016254020 ( 14 )  
 2016254043 ( 14 ) 2016254208 ( 14 ) 2016254322 ( 14 )  
 2016254340 ( 14 ) 2016255683 ( 14 ) 2016256294 ( 14 )  
 2016256424 ( 14 ) 2016256474 ( 14 ) 2016256600 ( 4C )  
 2016257253 ( 14 ) 2016259424 ( 5C ) 2016259666 ( 14 )  
 2016298398 ( 5C ) 2016342477 ( 5C ) 2016359607 ( 5C )  
 2016372457 ( 5C ) 2016378727 ( 5C ) 2016383127 ( 5C )  
 2016404509 ( 4C )

**2017**

2017100449 ( 22E ) 2017100459 ( 22E ) 2017100460 ( 22E )  
 2017200506 ( 5C ) 2017202736 ( 14 ) 2017202738 ( 14 )  
 2017202741 ( 14 ) 2017202827 ( 4C ) 2017206138 ( 5C )  
 2017208329 ( 14 ) 2017208641 ( 5C ) 2017210627 ( 5C )  
 2017213796 ( 5C ) 2017215878 ( 25D ) 2017221804 ( 5C )  
 2017248270 ( 5C ) 2017250610 ( 25D ) 2017257151 ( 4C )  
 2017257153 ( 4C ) 2017258186 ( 14 ) 2017258279 ( 4C )  
 2017258296 ( 4C ) 2017259160 ( 14 ) 2017260146 ( 4C )  
 2017261218 ( 4C ) 2017263178 ( 14 ) 2017263785 ( 14 )  
 2017264512 ( 4C ) 2017265149 ( 5C ) 2017267214 ( 5C )  
 2017288499 ( 5C ) 2017310253 ( 5C ) 2017322752 ( 5C )  
 2017337293 ( 5C ) 2017339958 ( 5C ) 2017364349 ( 5C )  
 2017365364 ( 5C ) 2017365735 ( 5C ) 2017370908 ( 5C )  
 2017376837 ( 5C ) 2017395126 ( 1B ) 2017399008 ( 5C )  
 2017410915 ( 4C ) 2017411263 ( 4C ) 2017411938 ( 4C )

**2018**

2018100552 ( 22G ) 2018100555 ( 22E ) 2018100705 ( 22 )  
 2018100935 ( 22 ) 2018101654 ( 21F ) 2018101659 ( 22 )  
 2018102056 ( 22E ) 2018200483 ( 14 ) 2018202907 ( 4B )  
 2018202910 ( 4B ) 2018202915 ( 14 ) 2018202916 ( 4B )  
 2018202917 ( 4B ) 2018202918 ( 4B ) 2018202921 ( 4B )  
 2018202923 ( 4B ) 2018202925 ( 4B ) 2018202938 ( 4A )  
 2018202959 ( 4B ) 2018202961 ( 4B ) 2018202981 ( 4A )  
 2018204563 ( 14 ) 2018217936 ( 5C ) 2018222619 ( 5C )  
 2018222825 ( 5C ) 2018228886 ( 5C ) 2018232906 ( 14 )  
 2018243774 ( 5C ) 2018254630 ( 4C ) 2018256748 ( 4C )  
 2018256837 ( 4C ) 2018260560 ( 14 ) 2018260716 ( 14 )  
 2018263984 ( 1B ) 2018264010 ( 1B ) 2018267554 ( 1B )  
 2018267654 ( 1B ) 2018271299 ( 1B ) 2018356745 ( 12C )  
 2018370859 ( 1B ) 2018370932 ( 1B ) 2018371107 ( 1B )  
 2018371164 ( 1B ) 2018371305 ( 1B ) 2018371311 ( 1B )  
 2018372198 ( 1B ) 2018372264 ( 1B ) 2018372366 ( 1B )  
 2018372368 ( 1B ) 2018372369 ( 1B ) 2018372396 ( 1B )  
 2018372571 ( 1B ) 2018372924 ( 1B ) 2018372960 ( 1B )  
 2018372961 ( 1B ) 2018372962 ( 1B ) 2018372978 ( 1B )  
 2018373391 ( 1B ) 2018375280 ( 1B ) 2018375298 ( 1B )  
 2018376873 ( 1B ) 2018377847 ( 1B ) 2018380422 ( 12C )  
 2018399726 ( 4B ) 2018422091 ( 5C ) 2018441994 ( 5C )

**2019**

2019100439 ( 22E ) 2019200757 ( 5C ) 2019203013 ( 14 )  
 2019228726 ( 5C ) 2019242012 ( 5C ) 2019257531 ( 5C )  
 2019259340 ( 5C ) 2019264577 ( 14 ) 2019265260 ( 5C )  
 2019274230 ( 5C ) 2019275490 ( 5C ) 2019312672 ( 5C )  
 2019314302 ( 5C ) 2019319901 ( 25D ) 2019327453 ( 5C )  
 2019341709 ( 5C ) 2019344405 ( 5C ) 2019349523 ( 5C )

2019357946 ( 5C )

**2020**

2020100639 ( 22E ) 2020100640 ( 22E ) 2020100641 ( 22E )  
 2020100643 ( 22E ) 2020100645 ( 22E ) 2020100647 ( 22E )  
 2020100653 ( 22E ) 2020100654 ( 22E ) 2020100655 ( 22E )  
 2020100656 ( 22E ) 2020100659 ( 22E ) 2020100662 ( 22E )  
 2020100663 ( 22E ) 2020100667 ( 22E ) 2020100669 ( 22E )  
 2020100671 ( 22E ) 2020100673 ( 22E ) 2020100676 ( 22E )  
 2020101484 ( 22E ) 2020101506 ( 22E ) 2020101507 ( 22E )  
 2020101510 ( 22E ) 2020101511 ( 22E ) 2020101576 ( 22E )  
 2020101632 ( 22E ) 2020202410 ( 5C ) 2020204558 ( 4C )  
 2020210144 ( 5C ) 2020220053 ( 5C ) 2020227070 ( 5C )  
 2020230332 ( 5C ) 2020233603 ( 4C ) 2020241362 ( 5C )  
 2020244555 ( 5C ) 2020250277 ( 5C ) 2020260444 ( 5C )  
 2020267264 ( 4C ) 2020267559 ( 12A ) 2020277154 ( 5C )  
 2020277278 ( 4C ) 2020281039 ( 5C ) 2020289831 ( 4C )  
 2020294272 ( 5C ) 2020300962 ( 5C )

**2021**

2021102624 ( 21F ) 2021200149 ( 5C ) 2021200460 ( 5C )  
 2021200499 ( 5C ) 2021200532 ( 5C ) 2021200699 ( 5C )  
 2021201091 ( 5C ) 2021201926 ( 4C ) 2021203330 ( 5C )  
 2021211987 ( 4C ) 2021221500 ( 12AN ) 2021225169 ( 5C )  
 2021225229 ( 4C ) 2021903570 ( 12AN ) 2021903643 ( 12AN )  
 2021903644 ( 12AN ) 2021903939 ( 12AN ) 2021904096 ( 12AN )

**2022**

2022100159 ( 12AN ) 2022205185 ( 1BN ) 2022218481 ( 1B )

**Assignments before Grant, Section 113**

**2017**

2017207806 Nortic Holdings Inc. The application has been assigned to **ACASTI PHARMA U.S., INC.**

2017286166 Joh. Friedrich Behrens AG The application has been assigned to **BeA GmbH**

2017345577 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2017345623 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2017385006 Sheldon-Coulson, Garth; Moffat, Brian; Shalhoub, Rabeh; Place, Daniel The application has been assigned to **Lone Gull Holdings, Ltd.**

2017410202 General Electric Company The application has been assigned to **BL Technologies, Inc.**

**2018**

2018202382 BASYROV, Marat The application has been assigned to **ADEVI IP HOLDING COMPANY PTY LTD**

2018204651 TEN FOLD ENGINEERING LIMITED The application has been assigned to **Konrad Prefab LLC**

2018204652 TEN FOLD ENGINEERING LIMITED The application has been assigned to **Konrad Prefab LLC**

2018204653 TEN FOLD ENGINEERING LIMITED The application has been assigned to **Konrad Prefab LLC**

**Assignments before Grant, Section 113**

2018212700 UCL Business plc The application has been assigned to **Correvate Limited**

2018239212 Nordic Gamekeeper AB The application has been assigned to **Aquaculture Feeding Systems, LTD**

2018301521 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2018313696 The Solsidan Group, LLC The application has been assigned to **FORSBERG, Jonathan A.**

2018319253 Joh. Friedrich Behrens AG The application has been assigned to **BeA GmbH**

2018328827 Takeda Pharmaceutical Company Limited The application has been assigned to **Oak Hill Bio Limited**

2018345404 Billie, Inc. The application has been assigned to **Edgewell Personal Care Brands, LLC**

2018351907 Joh. Friedrich Behrens AG The application has been assigned to **BeA GmbH**

2018361393 Joh. Friedrich Behrens AG The application has been assigned to **BeA GmbH**

**2019**

2019272000 Deka Australia Pty Ltd The application has been assigned to **Brightlite Nominees Proprietary Ltd**

2019279911 Joh. Friedrich Behrens AG The application has been assigned to **BeA GmbH**

2019314415 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2019377358 Mobilaris MCE AB The application has been assigned to **Epiroc Rock Drills Aktiebolag**

2019397470 Nanofiber Solutions, LLC The application has been assigned to **NFS IP HOLDINGS, LLC**

**2020**

2020216496 Nanofiber Solutions, LLC The application has been assigned to **NFS IP HOLDINGS, LLC**

2020247257 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2020288380 The University of Warwick The application has been assigned to **NANOSYRINX LIMITED**

2020328554 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2020330973 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

**Assignments before Grant, Section 113**

2020330977 Equalaire Systems, Inc. The application has been assigned to **Pressure Systems International, LLC**

2020349591 The Australian National University The application has been assigned to **Quantum Brilliance Pty Ltd**

2020402896 Cheng, Keng; Siow, Ming; Liu, Hongjin The application has been assigned to **GLOBAL HEALTHCARE SG PTE. LTD.**

2020430093 Techtronic Cordless GP The application has been assigned to **Techtronic Floor Care Technology Limited**

**2021**

2021904255 Opal Investments WA Pty Ltd The application has been assigned to **Lios Systems Pty Ltd**

**2022**

2022211870 Miners, Allan The application has been assigned to **Rotalin International Pty Ltd**

**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.

**2008**

2008250926 **McNNac Energy Services Inc.** An application to extend the time from 07 May 2021 to 07 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2013**

2013203126 **NATBREWAY PTY LTD** An application to extend the time from 09 Apr 2022 to 09 Nov 2022 in which to pay a renewal fee has been filed . Address for service - Natbreway Pty Ltd 268 Milperra Rd Milperra NSW 2214 AU

2013208069 **Attochron, LLC** An application to extend the time from 09 Jan 2022 to 09 Sep 2022 in which to pay a renewal fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

**2017**

2017101891 **OpenMarkets Group Limited** An application to extend the time from 03 Jan 2022 to 03 Nov 2022 in which to pay a renewal fee has been filed . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2017229536 **Ocado Innovation Limited** An application to extend the time from 22 Jul 2022 to 22 Jan 2023 in which to gain acceptance has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2018**

2018205528 **GeoRoc International, Inc.** An application to extend the time from 05 Jan 2022 to 05 Apr 2023 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Pizzeys

**Extensions of Time, Section 223**

Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices  
WODEN ACT 2606 AU

2018206475 **GeoRoc International, Inc.** An application to extend the time from 08 Jan 2022 to 08 Apr 2023 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018236049 **GeoRoc International, Inc.** An application to extend the time from 05 Jan 2022 to 05 Apr 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018395956 **Kollinger, M.** An application to extend the time from 19 Feb 2022 to 19 Feb 2023 in which to gain acceptance has been filed . Address for service - Acacia Law PO Box 1279 Milton QLD 4064 AU

**2021**

2021203913 **Pulmonx Corporation** An application to extend the time from 03 Feb 2022 to 03 Sep 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2022**

2022203154 **PharmaEssentia Corporation** An application to extend the time from 14 May 2021 to 14 May 2022 in which to extend the grace period has been filed . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 AU

2022211857 **TAWADROUS, T.** An application to extend the time from 10 Apr 2021 to 10 Aug 2022 in which to associate with a complete application has been filed . Address for service - TAMER ISHAK TAWADROUS 6 Nasco Way Caversham WA 6055 AU

**Applications Allowed - Section 223(2)****2011**

2011203723 **Rovi Guides, Inc.** The time in which to pay a renewal fee has been extended to 04 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2013**

2013204548 **MINMETALS AUSTRALIA PTY LTD** The time in which to pay a renewal fee has been extended to 22 Jul 2022 . Address for service - Minmetals Australia Pty Ltd 8th Floor 564 St Kilda Road Melbourne VIC 3004 AU

**2016**

2016100033 **RAPID NUTRITION SCIENCE PTY LTD** The time in which to pay a renewal fee has been extended to 14 Aug 2022 . Address for service - RAPID NUTRITION SCIENCE PTY LTD 40-46 Nestor Drive Meadowbrook QLD 4131 AU

2016200094 **The Paradise Seed Company, Pty Limited** The time in which to pay a renewal fee has been extended to 07 Aug 2022 . Address for service - THE PARADISE SEED COMPANY PTY. LIMITED PO Box 7003 Kariang NSW 2250 AU

**Extensions of Time, Section 223****2017**

2017369971 **Oculus SA** The time in which to pay a continuation fee has been extended to 29 Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019348050 **RCR MINING TECHNOLOGIES PTY LTD** The time in which to enter the National Phase has been extended to 28 Jun 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019456486 **Beijing Zhongkuang Innovation Alliance Energy Environment Science Academy** The time in which to pay the acceptance fee has been extended to 30 Nov 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2020**

2020403750 **AO TECHNOLOGY AG** The time in which to enter the National Phase has been extended to 16 Sep 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

**2022**

2022204797 **Block, Inc.** The time in which to make a further application for a divisional patent has been extended to 03 Aug 2022 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street 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.

**2015**

2015344999 Whey protein-based, high protein, yoghurt-like product, ingredient suitable for its production, and method of production **Arla Foods amba** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017249988 Combination therapy with notch and PI3K/mTOR inhibitors for use in treating cancer **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017261483 Compounds derived from herbicidal carboxylic acids and tetraalkylammonium or (arylalkyl) trialkylammonium hydroxides **Corteva Agriscience LLC** The nature of the amendment is as shown in the statement(s) filed 01 Sep 2022 . Address for service - FPA Patent

**Amendments**

Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne  
VIC 3000 AU

**2018**

2018248304 Minigene therapy **University of Massachusetts**  
The nature of the amendment is as shown in the statement(s) filed 07  
Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19,  
South Tower 80 Collins Street Melbourne VIC 3000 AU

**2019**

2019283993 SYSTEM AND METHOD FOR EARLY ACCESS TO  
CAPTURED IMAGES **PICTOMETRY INTERNATIONAL CORP.** The  
nature of the amendment is: Add inventor SCHNAUFER, Chris . Ad-  
dress for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104  
AU

**2020**

2020201384 BLOCK COPOLYMERS AND THEIR CONJUGATES  
OR COMPLEXES WITH OLIGONUCLEOTIDES **GENEVANT SCI-  
ENCES GMBH** The nature of the amendment is as shown in the  
statement(s) filed 11 Oct 2022 . Address for service - Oxygene IP PO  
Box 611 BALWYN NORTH VIC 3104 AU

2020217462 DEVICES AND METHODS FOR MOLECULAR DIA-  
GNOSTIC TESTING **Visby Medical, Inc.** The nature of the amend-  
ment is as shown in the statement(s) filed 05 Nov 2022 . Address for  
service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box  
1374 Brisbane QLD 4001 AU

2020396275 Infant formula with special lipid architecture for improv-  
ing postnatal growth of infants born to overweight and obese moth-  
ers **N.V. Nutricia** The nature of the amendment is as shown in the  
statement(s) filed 10 Oct 2022 . Address for service - Griffith Hack Level  
10 161 Collins St MELBOURNE VIC 3000 AU

2020397226 Infant formula with special lipid architecture for improv-  
ing postnatal growth of infants born by Caesarean section **N.V. Nu-  
tricia** The nature of the amendment is as shown in the statement(s)  
filed 09 Nov 2022 . Address for service - Griffith Hack Level 10 161  
Collins St MELBOURNE VIC 3000 AU

**2021**

2021201712 APPARATUS FOR USE IN A RESPIRATORY SUP-  
PORT SYSTEM **Fisher & Paykel Healthcare Limited** The nature  
of the amendment is as shown in the statement(s) filed 07 Nov 2022 .  
Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2021201748 User interface for manipulating user interface ob-  
jects **Apple Inc.** The nature of the amendment is as shown in the  
statement(s) filed 21 Oct 2022 . Address for service - FPA Patent Attor-  
neys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021201869 NON-OPTICAL NAVIGATION SYSTEM FOR GUID-  
ING TRAJECTORIES **Zimmer Biomet Spine, Inc.** The nature of  
the amendment is as shown in the statement(s) filed 13 Oct 2022 . Ad-  
dress for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS  
STREET WEST VIC 8007 AU

**Amendments Made****Amendments****2008**

2008240259 **BioMarin Pharmaceutical Inc.** The nature of the  
amendment is as shown in the statements filed 30 Jun 2020 and 17  
Aug 2022

**2015**

2015280351 **Novartis AG** The nature of the amendment is as  
shown in the statement filed 11 Aug 2022

**2016**

2016243052 **Dana-Farber Cancer Institute, Inc.** The nature of the  
amendment is as shown in the statement filed 11 Aug 2022

2016254226 **IDEXX Laboratories, Inc.** The nature of the amend-  
ment is as shown in the statement filed 16 Aug 2022

2016324167 **StimLabs, LLC** The nature of the amendment is as  
shown in the statement(s) filed 04 Aug 2022

2016375187 **Julius-Maximilians-Universität Würzburg** The nature  
of the amendment is as shown in the statement filed 12 Aug 2022

**2017**

2017210756 **Reflex Instruments Asia Pacific Pty Ltd** The nature  
of the amendment is: Application is to proceed under the number  
2017101933

2017240667 **Kite Pharma, Inc.** The nature of the amendment is as  
shown in the statement filed 10 Aug 2022

2017340597 **Chevron U.S.A. Inc.** The nature of the amendment is:  
Application is to proceed under the number 2017101934

**2019**

2019250361 **Bayer Aktiengesellschaft** The nature of the amend-  
ment is: Amend the invention title to read Heteroaryl-triazole com-  
pounds as pesticides

2019271922 **GENENTECH, INC.** The nature of the amendment is  
as shown in the statement filed 08 Aug 2022

2019306392 **LG Electronics Inc.** The nature of the amendment is:  
Amend the invention title to read A pump and a washing machine in-  
cluding a pump

2019366249 **Transportation IP Holdings, LLC** The nature of the  
amendment is as shown in the statement filed 17 Aug 2022

**2020**

2020204728 **Beijing Rechsand Science & Technology Group Co.,  
Ltd.; Renchsand Eco-Environment Protection Science And Tech-  
nology Co., Ltd.** The nature of the amendment is as shown in the  
statement filed 24 Oct 2022

2020333023 **Joint Stock Company "BIOCAD"** The nature of the  
amendment is: Amend the invention title to read Aqueous pharmaceuti-  
cal composition of anti-PD1 antibody prolgolimab and the use thereof

**Amendments**

2020439910 **Shanghai ZJ Bio-Tech Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND DEVICE FOR OBTAINING SPECIES-SPECIFIC CONSENSUS SEQUENCES OF MICROORGANISMS AND USE THEREOF

**2021**

2021209434 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 12 Oct 2022

2021219839 **Amgen Inc.** The nature of the amendment is: Amend the name of a co-inventor to read TALLEY, Clea

2021221500 **Halter USA Inc** The nature of the amendment is: Remove priority details 2021901583 dated 26 May 2021

2021236300 **Bierwith, R.** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2022

2021246531 **Altius Institute for Biomedical Sciences; The Brigham and Women's Hospital, Inc.** The nature of the amendment is: Amend the priority details to read 63/004,361 02 Apr 2020 US

2021246535 **DuPont Nutrition Biosciences ApS** The nature of the amendment is: Amend the priority details to read 63/004,617 03 Apr 2020 US

2021247741 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Resource Selection Method, Terminal, and Network-Side Device

2021262946 **Shenzhen Voxtech Co, Ltd.** The nature of the amendment is: Amend the invention title to read ACOUSTIC DEVICES AND MAGNETIC CIRCUIT ASSEMBLIES THEREOF

2021273109 **Craig, R.** The nature of the amendment is: Amend the name of the inventor to read CRAIG, Jeffrey D.

2021275168 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read RELAY APPARATUS, COMMUNICATION SYSTEM, RELAY METHOD, AND PROGRAM

2021392062 **Wisconsin Alumni Research Foundation** The nature of the amendment is: Amend the priority details to read 63/023,302 12 May 2020 US

2021415772 **Jiangsu Kingfa Sci. & Tech. Advanced Materials Co., Ltd.** The nature of the amendment is: Amend the invention title to read SEMIAROMATIC POLYESTER, AND PREPARATION METHOD AND APPLICATION THEREOF

**2022**

2022228112 **Dragox Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2022100163

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

**Amendments**

**2005**

2005313863 **Metso Minerals Oy** The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2006**

2006209788 **Metso Minerals Oy** The name of the patentee has been altered to **Metso Outotec Finland Oy**

2006235226 **Metso Minerals Oy** The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2008**

2008233242 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

2008302329 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

**2010**

2010232589 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

**2011**

2011239637 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

2011241104 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

2011329373 **Exact Sciences Development Company, LLC** The name of the patentee has been altered to **Exact Sciences Corporation**

2011329375 **Exact Sciences Development Company, LLC** The name of the patentee has been altered to **Exact Sciences Corporation**

2011329376 **Exact Sciences Development Company, LLC** The name of the patentee has been altered to **Exact Sciences Corporation**

2011901560 **Metso Minerals Oy** The name of the applicant has been altered to **Metso Outotec Finland Oy**

**2012**

2012244829 **Webfleet Solutions B.V.** The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2012244830 **Webfleet Solutions B.V.** The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2012258318 **Metso Minerals Oy** The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012267914 **SentreHEART, Inc.** The name of the patentee has been altered to **AtriCure, Inc.**

**Amendments****2013**

2013201383 RMIT University The name of the patentee has been altered to **Royal Melbourne Institute of Technology**

2013203783 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013203796 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013360865 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2013371972 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

**2014**

2014202620 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2014249724 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2014273031 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2014273032 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2014391109 Dispersol Technologies, LLC The name of the patentee has been altered to **AustinPx, LLC**

**2015**

2015200387 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2015200980 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2015210348 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2015352452 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2015352454 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

2015352509 Webfleet Solutions B.V. The name of the patentee has been altered to **Bridgestone Mobility Solutions B.V.**

**2016**

2016100205 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016100213 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

**Amendments**

2016201211 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2016238332 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2016337026 MICROINSTRUMENTS, INC. The name of the patentee has been altered to **Medical Microinstruments, Inc.**

2016337029 MICROINSTRUMENTS, INC. The name of the patentee has been altered to **Medical Microinstruments, Inc.**

2016337031 MICROINSTRUMENTS, INC. The name of the patentee has been altered to **Medical Microinstruments, Inc.**

2016338823 MICROINSTRUMENTS, INC. The name of the patentee has been altered to **Medical Microinstruments, Inc.**

2016339513 Aprogen Medicines Inc. The name of the patentee has been altered to **Aprogen Inc.**

2016375021 CureVac AG The name of the patentee has been altered to **CureVac SE**

2016427130 PepsiCo Inc. The name of the applicant has been altered to **PepsiCo, Inc.**

**2017**

2017201015 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2017221888 Dispersol Technologies, LLC The name of the applicant has been altered to **AustinPx, LLC**

2017223996 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2017260583 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2017272242 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2017276814 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2017288826 Webfleet Solutions B.V. The name of the applicant has been altered to **Bridgestone Mobility Solutions B.V.**

2017308526 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2017350488 Acuitas Therapeutics Inc.; CureVac AG The name of the patentee has been altered to **CureVac SE; Acuitas Therapeutics Inc.**

2017355315 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

**Amendments**

2017358360 Aprogen Medicines Inc. The name of the patentee has been altered to **Aprogen Inc.**

2017365145 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2017382800 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

**2018**

2018201946 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2018253442 MICROINSTRUMENTS, INC. The name of the applicant has been altered to **Medical Microinstruments, Inc.**

2018253443 MICROINSTRUMENTS, INC. The name of the applicant has been altered to **Medical Microinstruments, Inc.**

2018253449 MICROINSTRUMENTS, INC. The name of the applicant has been altered to **Medical Microinstruments, Inc.**

**2019**

2019202655 Sentreheart, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2019315506 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2019330032 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2019348191 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2019362019 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2019365211 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2019398104 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2019398116 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

**2020**

2020200344 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2020202783 BioAtla, LLC The name of the applicant has been altered to **BioAtla Inc.**

2020203576 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

**Amendments**

2020264305 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2020273001 Flex-Seal Couplings Limited The name of the applicant has been altered to **Fernco Limited**

2020281165 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2020286179 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2020286180 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2020289839 SentreHEART, Inc. The name of the patentee has been altered to **AtriCure, Inc.**

2020296974 Flex-Seal Couplings Limited The name of the applicant has been altered to **Fernco Limited**

2020308862 RTI International The name of the applicant has been altered to **Research Triangle Institute**

2020407285 CureVac AG The name of the applicant has been altered to **CureVac SE**

**2021**

2021218065 Tri Alpha Energy, Inc. The name of the applicant has been altered to **TAE Technologies, Inc.**

2021218100 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2021247156 Becton, Dickinson and Company The name of the applicant has been altered to **Becton, Dickinson and Company**

2021250974 MICROINSTRUMENTS, INC. The name of the applicant has been altered to **Medical Microinstruments, Inc.**

2021266286 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

**2022**

2022201533 The Climate Corporation The name of the applicant has been altered to **Climate LLC**

2022201977 Webfleet Solutions B.V. The name of the applicant has been altered to **Bridgestone Mobility Solutions B.V.**

2022203085 SentreHEART, Inc. The name of the applicant has been altered to **AtriCure, Inc.**

2022204793 Vheam Pty Ltd The name of the applicant has been altered to **GAME RAISER PTY LTD**

2022205221 RTI International The name of the applicant has been altered to **Research Triangle Institute**

**Amendments**

2022235588 Acuitas Therapeutics Inc.; CureVac AG The name of the applicant has been altered to **Acuitas Therapeutics Inc.; CureVac SE**

2022901005 LIQUIM PTY LTD The name of the applicant has been altered to **LIQUIM LIMITED**



Applications Open to Public Inspection

Name Index

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

---

(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2022256135  
 (21) 2022256135 (22) 19.10.2022  
 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems  
 (51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2019280846  
 (72) Thomas, Christopher A.; Pace, Louis; Patel, Dharmendra; Dipalma, Vincent M.; Rao, Vivek S.; Mitchell, Steven T.; Lambert, Byron J.; Robinson, Peter G.; Voit, Peter M.; Pudjijanto, Stephen T.; Simmons, Matthew; Wu, Hsuehchieh; Le, Vu H.; Manion, Johnathan D.; Harris, Christopher M.; Nguyen, Tuan; Philip, Carter W.; McCanless, Jonathan D.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Acuitas Therapeutics Inc.  
 (11) AU-A-2022256201  
 (21) 2022256201 (22) 21.10.2022  
 (54) Lipids and lipid nanoparticle formulations for delivery of nucleic acids  
 (51) Int. Cl.  
**C07D 295/13** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**C07C 211/22** ( 2006.01 )  
**C07C 233/36** ( 2006.01 )  
**C07C 233/38** ( 2006.01 )  
**C07C 235/74** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2021201646  
 (72) Du, Xinyao; Ansell, Steven M.  
 (74) Davies Collison Cave Pty Ltd

---

(71) Adaptimmune Limited  
 (11) AU-A-2022256177  
 (21) 2022256177 (22) 20.10.2022  
 (54) T cell receptors  
 (51) Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017248122  
 (72) Tribble, Nicholas; Lawrance, William; Bagg, Eleanor  
 (74) Davies Collison Cave Pty Ltd

---

(71) Adaptimmune Limited  
 (11) AU-A-2022256181  
 (21) 2022256181 (22) 20.10.2022  
 (54) T Cell Receptors  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )

(43) 24.11.2022  
 (62) 2017248120  
 (72) Tribble, Nicholas; Lawrance, William; Bagg, Eleanor  
 (74) Davies Collison Cave Pty Ltd

---

(71) Adaptimmune Limited  
 (11) AU-A-2022256182  
 (21) 2022256182 (22) 20.10.2022  
 (54) T Cell Receptors  
 (51) Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017248121  
 (72) Tribble, Nicholas; Lawrance, William; Bagg, Eleanor  
 (74) Davies Collison Cave Pty Ltd

---

(71) Advanced Global Clinical Solutions Inc.  
 (11) AU-A-2022259711  
 (21) 2022259711 (22) 24.10.2022  
 (54) SYSTEMS AND METHODS FOR SEIZURE DETECTION BASED ON CHANGES IN ELECTROENCEPHALOGRAPH (EEG) NON-LINEARITIES  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2020334716  
 (72) HECOX, Kurt E.  
 (74) Griffith Hack

---

(71) Aerospace Information Research Institute, Chinese Academy of Sciences  
 (11) AU-A-2022202669  
 (21) 2022202669 (22) 22.04.2022  
 (54) METHOD FOR EXTRACTING OIL STORAGE TANK BASED ON HIGH-SPATIAL RESOLUTION REMOTE SENSING IMAGE  
 (51) Int. Cl.  
**G06V 20/13** ( 2022.01 )  
**G06N 3/08** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06V 10/82** ( 2022.01 )  
 (31) 202110504255.1 (32) 10.05.21 (33) CN  
 (43) 24.11.2022  
 (72) Yu, Bo; Wang, Yu; Chen, Fang; Wang, Lei  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Affymetrix, Inc.  
 (11) AU-A-2022259706  
 (21) 2022259706 (22) 24.10.2022  
 (54) Multiallelic genotyping of single nucleotide polymorphisms and indels  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/483** ( 2006.01 )

**G01N 33/50** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016341845  
 (72) GOLLUB, Jeremy Nathan; SHAPERO, Michael H.; OLIVER, Dorothy; BLACK, Deborah; SIDDIQUI, Farooq  
 (74) Spruson & Ferguson

---

(71) Aktina Corp.  
 (11) AU-A-2022203117  
 (21) 2022203117 (22) 10.05.2022  
 (54) RADIATION BEAM ALIGNMENT FOR MEDICAL LINEAR ACCELERATORS  
 (51) Int. Cl.  
**A61N 5/00** ( 2006.01 )  
 (31) 63/186,498 (32) 10.05.21 (33) US  
 (43) 24.11.2022  
 (72) Zacharopoulos, Nicholas G.  
 (74) Madderns Pty Ltd

---

(71) Alchin Long Group IP Pty Limited  
 (11) AU-A-2021218196  
 (21) 2021218196 (22) 20.08.2021  
 (54) Panel operator with latch  
 (51) Int. Cl.  
**E06B 3/38** ( 2006.01 )  
**E05B 65/06** ( 2006.01 )  
**E05C 3/34** ( 2006.01 )  
**E05C 17/30** ( 2006.01 )  
**E06B 3/32** ( 2006.01 )  
 (31) 2021901363 (32) 07.05.21 (33) AU  
 (43) 24.11.2022  
 (72) Biro, Mitchell; Verhaar, Niels  
 (74) GLMR

---

(71) Allen, T.  
 (11) AU-A-2022256194  
 (21) 2022256194 (22) 21.10.2022  
 (54) System for tire storage, retrieval, and inventory management  
 (51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**B60C 13/00** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**G06K 7/00** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017240509  
 (72) Allen, Thomas J.  
 (74) AJ PARK

---

(71) Allergan, Inc.  
 (11) AU-A-2022256160  
 (21) 2022256160 (22) 20.10.2022  
 (54) Hyaluronic acid/collagen-based dermal filler compositions and methods for making same  
 (51) Int. Cl.  
**C08B 37/00** ( 2006.01 )  
**A61K 8/65** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- A61K 9/00** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )  
**C08H 1/00** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )  
**C08L 89/00** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020256324  
**(72)** Pollock, Jacob F.; Yu, Xiaojie; Manesis, Nicholas J.  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Alstom Holdings  
**(11)** AU-A-2022203079  
**(21)** 2022203079 **(22)** 09.05.2022  
**(54)** Method for determining a status of a track section of a railroad; associated apparatus and non-transitory computer readable medium  
**(51)** Int. Cl.  
**B61L 27/53** ( 2022.01 )  
**B61L 23/16** ( 2006.01 )  
**B61L 27/70** ( 2022.01 )  
**G01R 19/00** ( 2006.01 )  
**G01R 19/165** ( 2006.01 )  
**G01R 31/08** ( 2020.01 )  
**G01R 31/28** ( 2006.01 )  
**G01S 5/00** ( 2006.01 )  
**G01S 13/00** ( 2006.01 )  
**(31)** 17/316,361 **(32)** 10.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** FRIES, Jeffrey; SCHUCHMANN, Chris; LAWSON, Richard; CLARK, Shawn; ROSS, John  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** AMVAC Hong Kong Limited  
**(11)** AU-A-2022256161  
**(21)** 2022256161 **(22)** 20.10.2022  
**(54)** IMPROVED AGRICULTURAL PRODUCT DISPENSING SYSTEM  
**(51)** Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/02** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
**(43)** 24.11.2022  
**(62)** 2021266364  
**(72)** Wintemute, Eric G.; Rice, Richard L.; James, Kent; Richardson, John J.  
**(74)** RnB IP Pty Ltd
- 
- (71)** Angel Group Co., Ltd.  
**(11)** AU-A-2022256168  
**(21)** 2022256168 **(22)** 20.10.2022  
**(54)** SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES  
**(51)** Int. Cl.  
**G06Q 50/10** ( 2012.01 )  
**A63F 1/06** ( 2006.01 )  
**A63F 11/00** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2021203081  
**(72)** Shigeta, Yasushi  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Apple Inc.  
**(11)** AU-A-2022256155  
**(21)** 2022256155 **(22)** 20.10.2022  
**(54)** Spatial management of audio  
**(51)** Int. Cl.  
**G06F 3/16** ( 2006.01 )  
**G06F 3/0481** ( 2022.01 )  
**(43)** 24.11.2022  
**(62)** 2021204526  
**(72)** Wood, Stuart John; Johnson, Martin E.; Satongar, Darius A.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Arete Associates  
**(11)** AU-A-2022256205  
**(21)** 2022256205 **(22)** 21.10.2022  
**(54)** Isolated ring cavity resonator  
**(51)** Int. Cl.  
**H01S 3/08** ( 2006.01 )  
**H01S 3/06** ( 2006.01 )  
**H01S 3/083** ( 2006.01 )  
**H01S 3/086** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020230278  
**(72)** Boyd, Micah  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2022203046  
**(21)** 2022203046 **(22)** 06.05.2022  
**(54)** BUTTON DECK WITH NON-PENETRATING PUSHBUTTON  
**(51)** Int. Cl.  
**A63F 13/24** ( 2014.01 )  
**A63F 9/34** ( 2006.01 )  
**A63F 13/2145** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )  
**(31)** 17/314,861 **(32)** 07.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** HILL, Garrett; VILLANUEVA, Samuel; REDDING, Donald; SANTISI, Steven  
**(74)** Griffith Hack
- 
- (71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2022203049  
**(21)** 2022203049 **(22)** 06.05.2022  
**(54)** GAMING CABINET WITH CURVED DISPLAYS, INTEGRATED CANDLE LIGHTING, AND THREE-DIMENSIONAL EFFECT LIGHTING  
**(51)** Int. Cl.  
**A63F 13/28** ( 2014.01 )  
**A63F 13/20** ( 2014.01 )  
**A63F 13/25** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )  
**(31)** 17/315,648 **(32)** 10.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** URBAN, Bruce; HILL, Garrett; VILLANUEVA, Samuel  
**(74)** Griffith Hack
- 
- (71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2022256209  
**(21)** 2022256209 **(22)** 21.10.2022
- 
- (54)** FLOATING TABLETOP DISPLAY  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020204075  
**(72)** URBAN, Bruce  
**(74)** Griffith Hack
- 
- (71)** ASSIA SPE, LLC  
**(11)** AU-A-2022256142  
**(21)** 2022256142 **(22)** 19.10.2022  
**(54)** SYSTEMS AND METHODS FOR CHAINING CONTROL-PLANE VIRTUAL FUNCTIONS FOR ENSURING END-TO-END QUALITY OF SERVICE (QOS) OF INTERNET SERVICES  
**(51)** Int. Cl.  
**H04L 41/40** ( 2022.01 )  
**H04L 41/342** ( 2022.01 )  
**(43)** 24.11.2022  
**(62)** 2019312119  
**(72)** KERPEZ, Kenneth  
**(74)** Griffith Hack
- 
- (71)** Ball Corporation  
**(11)** AU-A-2022256184  
**(21)** 2022256184 **(22)** 20.10.2022  
**(54)** TAPERED METAL CUP AND METHOD OF FORMING THE SAME  
**(51)** Int. Cl.  
**B21D 22/20** ( 2006.01 )  
**B21D 22/24** ( 2006.01 )  
**B65D 1/26** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2019396327  
**(72)** Scott, Anthony J.  
**(74)** Madderns Pty Ltd
- 
- (71)** Baylor College of Medicine  
**(11)** AU-A-2022256219  
**(21)** 2022256219 **(22)** 21.10.2022  
**(54)** CD1d-restricted NKT cells as a platform for off-the-shelf cancer immunotherapy  
**(51)** Int. Cl.  
**A01N 63/00** ( 2020.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2018314012  
**(72)** METELITSA, Leonid S.; JIN, Jingling; LIU, Bin  
**(74)** Spruson & Ferguson
- 
- (71)** BAYOTECH, INC.  
**(11)** AU-A-2022203074  
**(21)** 2022203074 **(22)** 09.05.2022  
**(54)** MULTI-FUNCTION THREE-STAGE PRESSURE REGULATOR  
**(51)** Int. Cl.  
**F16K 27/00** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**G05D 16/10** ( 2006.01 )  
**(31)** 17/316,320 **(32)** 10.05.21 **(33)** US

Applications Open to Public Inspection - Name Index cont'd

(43) 24.11.2022  
(72) CARTER, Stephen A.  
(74) RnB IP Pty Ltd

(71) Becton, Dickinson and Company  
(11) AU-A-2022256123  
(21) 2022256123 (22) 19.10.2022  
(54) Automated diagnostic analyzer and method for its operation  
(51) Int. Cl.  
*G01N 35/00* ( 2006.01 )  
*G01N 35/04* ( 2006.01 )

(43) 24.11.2022  
(62) 2017254365  
(72) Vansickler, Michael T.; Self, Brian Austin; Shedlosky, Alyssa; Krayner, Joel Daniel  
(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
(11) AU-A-2022256126  
(21) 2022256126 (22) 19.10.2022  
(54) A device for obtaining a blood sample  
(51) Int. Cl.  
*A61B 5/15* ( 2006.01 )

(43) 24.11.2022  
(62) 2017315323  
(72) Ivošević, Milan; Kim, Jayeon; Bokka Srinivasa Rao, Kishore K.; Bruehwiler, Michel  
(74) FB Rice Pty Ltd

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
(11) AU-A-2022203072  
(21) 2022203072 (22) 06.05.2022  
(54) Node grouping method, apparatus and electronic device  
(51) Int. Cl.  
*G06N 10/20* ( 2022.01 )  
*H04L 12/02* ( 2006.01 )  
(31) 202110500446.0 (32) 08.05.21 (33) CN  
(43) 24.11.2022  
(72) FANG, Kun; DUAN, Runyao  
(74) Spruson & Ferguson

(71) Beijing Tusen Zhitu Technology Co.,Ltd.  
(11) AU-A-2022203003  
(21) 2022203003 (22) 04.05.2022  
(54) Method and apparatus for processing sensor data, computing device and storage medium  
(51) Int. Cl.  
*H04L 67/14* ( 2022.01 )  
*G06F 1/12* ( 2006.01 )  
*G06F 17/40* ( 2006.01 )  
*G06V 10/80* ( 2022.01 )  
*H04L 65/1066* ( 2022.01 )  
*H04L 69/28* ( 2022.01 )  
(31) 202110495101.0 (32) 07.05.21 (33) CN  
(43) 24.11.2022  
(72) XIE, Mutong; SUI, Qingyu  
(74) FB Rice Pty Ltd

(71) Berkeley Lights, Inc.  
(11) AU-A-2022256213

(21) 2022256213 (22) 21.10.2022  
(54) Automated detection and repositioning of micro-objects in microfluidic devices  
(51) Int. Cl.  
*G06T 7/10* ( 2017.01 )  
*G06T 1/20* ( 2006.01 )  
*G06T 1/40* ( 2006.01 )  
*G06T 7/00* ( 2017.01 )

(43) 24.11.2022  
(62) 2017368268  
(72) Kim, Hansoel E.; Tenney, John A.; Slocum, Joshua F.  
(74) FB Rice Pty Ltd

**Beth Israel Deaconess Medical Center see Georgia State University Research Foundation Inc.**  
(21) 2022256125

(71) Caffitaly System S.p.A.  
(11) AU-A-2022204736  
(21) 2022204736 (22) 30.03.2022  
(54) Apparatus for making beverages which uses capsules containing a food substance  
(51) Int. Cl.  
*A47J 31/24* ( 2006.01 )  
(31) 102021000011378 (32) 04.05.21 (33) IT  
(43) 24.11.2022  
(72) TONELLI, Stefano; ESPOSITO, Ercole  
(74) Patent Attorney Services

(71) Canon Kabushiki Kaisha  
(11) AU-A-2022256128  
(21) 2022256128 (22) 19.10.2022  
(54) Developer supply container and developer supplying system  
(51) Int. Cl.  
*G03G 15/08* ( 2006.01 )  
*G03G 15/00* ( 2006.01 )  
(43) 24.11.2022  
(62) 2020223714  
(72) JIMBA, Manabu; OKINO, Ayatomo; MURAKAMI, Katsuya; NAGASHIMA, Toshiaki; TAZAWA, Fumio  
(74) Spruson & Ferguson

(71) Changzhou Anbo Photovoltaic Technology Co.,Ltd  
(11) AU-A-2022201478  
(21) 2022201478 (22) 03.03.2022  
(54) ROPE TIGHTENING DEVICE FOR TRUCKS  
(51) Int. Cl.  
*B60P 7/08* ( 2006.01 )  
*B60P 7/06* ( 2006.01 )  
*B65B 13/02* ( 2006.01 )  
*B65B 13/22* ( 2006.01 )  
(31) 202120981523.4 (32) 10.05.21 (33) CN  
(43) 24.11.2022  
(72) Wu, Haiyun  
(74) Remarkable IP

**Chemcon S.A. see Givaudan S.A.**  
(21) 2022256179

(71) Chevron U.S.A. Inc.; University of Pittsburgh - of the Commonwealth System of Higher Education

(11) AU-A-2022203075 (22) 09.05.2022  
(54) Control of fracture growth during well operation  
(51) Int. Cl.  
*E21B 43/247* ( 2006.01 )  
*E21B 43/25* ( 2006.01 )  
*G01V 1/28* ( 2006.01 )  
*G05B 17/00* ( 2006.01 )  
*G06F 17/10* ( 2006.01 )

(31) 63/186,764 (32) 10.05.21 (33) US  
(43) 24.11.2022  
(72) Bungler, Andrew Paul; El-Fayoumi, Amr Said; Adachi, Jose I.; Zaki, Karim S.; Lu, Qiao  
(74) Davies Collison Cave Pty Ltd

(71) Conmed Corporation  
(11) AU-A-2022256156  
(21) 2022256156 (22) 20.10.2022  
(54) Retractable shaver bur  
(51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
*A61B 90/90* ( 2016.01 )  
*A61B 90/98* ( 2016.01 )

(43) 24.11.2022  
(62) 2019395326  
(72) SIEH, John K.; WOODRING, Ronald D.; HELAK, Steven T.; COLLINS, John F.  
(74) Griffith Hack

(71) ConMed Corporation  
(11) AU-A-2022256162  
(21) 2022256162 (22) 20.10.2022  
(54) Soft-thread cannula and cannula seal assembly  
(51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
(43) 24.11.2022  
(62) 2019416369  
(72) ISSHIKI, Ryo  
(74) Griffith Hack

(71) CSR Building Products Limited  
(11) AU-A-2022256189  
(21) 2022256189 (22) 20.10.2022  
(54) Building Component  
(51) Int. Cl.  
*E04B 2/86* ( 2006.01 )  
*E04C 2/34* ( 2006.01 )  
*E04G 11/06* ( 2006.01 )  
(43) 24.11.2022  
(62) 2020256341  
(72) DARWELL, STEPHEN W.  
(74) Griffith Hack

(71) Daon Enterprises Limited  
(11) AU-A-2022202737  
(21) 2022202737 (22) 26.04.2022  
(54) ENHANCED ACCESS CONTROL  
(51) Int. Cl.  
*G06V 40/40* ( 2022.01 )

Applications Open to Public Inspection - Name Index cont'd

**G06F 21/32** ( 2013.01 )  
**G07C 9/25** ( 2020.01 )  
**H04L 9/32** ( 2006.01 )  
**(31)** 17/307,010 **(32)** 04.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** AHERN, James  
**(74)** Wallington-Dummer

**(71)** Dexcom, Inc.  
**(11)** AU-A-2022256146  
**(21)** 2022256146 **(22)** 19.10.2022  
**(54)** System and method for providing alerts optimized for a user  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2017259158  
**(72)** DAVIS, Anna Leigh; BELLIVEAU, Scott M.; BHAVARAJU, Naresh C.; BOWMAN, Leif N.; CASTILLO, Rita M.; CONSTANTIN, Alexandra Elena; DRAEGER, Rian; DUNN, Laura J.; GABLE, Gary Brian; GARCIA, Arturo; HALL, Thomas; HAMPAPURAM, Hari; HANNEMANN, Christopher Robert; HARLEY-TROCHIMCZYK, Anna Claire; HEINTZMAN, Nathaniel David; JACKSON, Andrea J.; JEPSON, Lauren Hruby; KAMATH, Apurv Ullas; KOEHLER, Katherine Yerre; MANDAPAKA, Aditya; MARSH, Samuel Jere; MORRIS, Gary A.; PAI, Subrai Girish; PAL, Andrew Attila; POLYTARIDIS, Nicholas; PUPA, Philip Thomas; REIHMAN, Eli; RINDFLEISCH, Ashley Anne; SCHUNK, Sofie Wells; SIMPSON, Peter C.; SMITH, Daniel; VANSLYKE, Stephen J.; VOGEL, Matthew T.; WALKER, Tomas C.; WEST, Benjamin Elrod; WILEY, Atiim Joseph  
**(74)** FB Rice Pty Ltd

**(71)** Dragon Bay Group Pty Ltd  
**(11)** AU-A-2022203024  
**(21)** 2022203024 **(22)** 05.05.2022  
**(54)** Systems and methods for data filtering  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06F 16/9535** ( 2019.01 )  
**G06F 16/9536** ( 2019.01 )  
**G06F 17/40** ( 2006.01 )  
**G06Q 50/00** ( 2012.01 )  
**(31)** 2021901356 **(32)** 06.05.21 **(33)** AU  
**(43)** 24.11.2022  
**(72)** XU, Jian  
**(74)** Spruson & Ferguson

**(71)** Dziekonski, M.Z.  
**(11)** AU-A-2022203047  
**(21)** 2022203047 **(22)** 06.05.2022  
**(54)** Vibration damping subsea tubular system  
**(51)** Int. Cl.  
**E21B 17/01** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**E21B 43/01** ( 2006.01 )

**E21B 43/32** ( 2006.01 )  
**F15D 1/10** ( 2006.01 )  
**(31)** 63/185,492 **(32)** 07.05.21 **(33)** US  
 17/730,626 27.04.22 US  
**(43)** 24.11.2022  
**(72)** Dziekonski, Mitchell Z.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Edelmont SA  
**(11)** AU-A-2022202822  
**(21)** 2022202822 **(22)** 28.04.2022  
**(54)** SMALL BIJOUTERIE AND/OR JEWELRY REPLACING STRUCTURE WHICH DOES NOT REQUIRE OUTER TOOL FOR ITS OPENING AND CLOSING  
**(51)** Int. Cl.  
**A44B 13/00** ( 2006.01 )  
**A44B 1/06** ( 2006.01 )  
**A44B 11/25** ( 2006.01 )  
**A44B 13/02** ( 2006.01 )  
**A44B 17/00** ( 2006.01 )  
**A44B 19/24** ( 2006.01 )  
**(31)** FR2104840 **(32)** 07.05.21 **(33)** FR  
 CH00514/21 07.05.21 CH  
**(43)** 24.11.2022  
**(72)** Berruex, Cédric  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Einhell Germany AG  
**(11)** AU-A-2022202344  
**(21)** 2022202344 **(22)** 07.04.2022  
**(54)** Method, device and system for precise position determination  
**(51)** Int. Cl.  
**G01S 5/14** ( 2006.01 )  
**G01S 1/08** ( 2006.01 )  
**G01S 13/88** ( 2006.01 )  
**(31)** 102021111755.0 **(32)** 06.05.21 **(33)** DE  
**(43)** 24.11.2022  
**(72)** Thannhuber, Markus  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Electrical Subsea & Drilling AS  
**(11)** AU-A-2022256214  
**(21)** 2022256214 **(22)** 21.10.2022  
**(54)** Annular blowout preventer  
**(51)** Int. Cl.  
**E21B 33/06** ( 2006.01 )  
**E21B 33/064** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2017244287  
**(72)** Alsup, John L.; Williams, Bolie C.; Nance, J. Gilbert; Norbom, Erik; Håverstad, Thor Arne  
**(74)** FB Rice Pty Ltd

**Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd. see Hohai University**  
**(21)** 2021236470

**(71)** ENEOS Corporation  
**(11)** AU-A-2022259714  
**(21)** 2022259714 **(22)** 24.10.2022

**(54)** Hydrogen Gas Filling Method And Hydrogen Gas Filling Device  
**(51)** Int. Cl.  
**F17C 13/02** ( 2006.01 )  
**F17C 5/06** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2019278632  
**(72)** FUKUNAGA, Akihiko; REMBUTSU, Tatsuya; SAKAMOTO, Koki  
**(74)** WRAYS PTY LTD

**(71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2022256199  
**(21)** 2022256199 **(22)** 21.10.2022  
**(54)** Bispecific anti-human CD20/human transferrin receptor antibodies and methods of use  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2016333512  
**(72)** Duerr, Harald; Fenn, Sebastian; Goepfert, Ulrich; Imhof-Jung, Sabine; Klein, Christian; Larivière, Laurent; Molhoj, Michael; Regula, Joerg Thomas; Rueger, Petra; Schaefer, Wolfgang  
**(74)** Griffith Hack

**(71)** Fantasy Gaming Corporation Pty Ltd  
**(11)** AU-A-2022256188  
**(21)** 2022256188 **(22)** 20.10.2022  
**(54)** METHOD OF AND SYSTEM FOR FANTASY GAMING  
**(51)** Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**G06Q 50/34** ( 2012.01 )  
**(43)** 24.11.2022  
**(62)** 2016228945  
**(72)** Aguerro, Alexander  
**(74)** Griffith Hack

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2021221409  
**(21)** 2021221409 **(22)** 23.08.2021  
**(54)** BREATHING ASSISTANCE APPARATUS AND/OR COMPONENTS THEREOF AND/OR USES THEREOF  
**(51)** Int. Cl.  
**A61M 16/16** ( 2006.01 )  
**(31)** 63/184,695 **(32)** 05.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** Huang, Yi Lin; Russell, David Martin  
**(74)** Flint Intellectual Property Limited

**(71)** Friedrich Seiz GmbH  
**(11)** AU-A-2021204168  
**(21)** 2021204168 **(22)** 21.06.2021  
**(54)** Tactical glove  
**(51)** Int. Cl.  
**A41D 19/015** ( 2006.01 )  
**(31)** 10 2021 111 851.4 **(32)** 06.05.21 **(33)** DE  
**(43)** 24.11.2022  
**(72)** Seiz, Rainer  
**(74)** Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- (71) Genentech, Inc.  
 (11) AU-A-2022228198  
 (21) 2022228198 (22) 09.09.2022  
 (54) Method for treating multiple sclerosis  
 (51) Int. Cl.  
*A61P 25/14* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016204393  
 (72) Libonati, Michele; Masterman, Donna; Smith, Craig; Garren, Hideki; Weiskopf, Algirdas Jonas Kakarieka; Zhang, Jiameng; Chin, Peter S.; Li-Kwai-Cheung, Anne-Marie; Leppert, David; Pfefen, Jean-Paul  
 (74) Griffith Hack
- 
- (71) Genentech, Inc.  
 (11) AU-A-2022256163  
 (21) 2022256163 (22) 20.10.2022  
 (54) Formulations with reduced degradation of polysorbate  
 (51) Int. Cl.  
*A61K 47/40* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016380988  
 (72) Connolly, Brian; Hamburg, Lydia; Holz, Emily  
 (74) Griffith Hack
- 
- (71) General Electric Company  
 (11) AU-A-2022202433  
 (21) 2022202433 (22) 13.04.2022  
 (54) FURCATING PILOT PRE-MIXER FOR MAIN MINI-MIXER ARRAY IN A GAS TURBINE ENGINE  
 (51) Int. Cl.  
*F23D 14/64* ( 2006.01 )  
*F02C 7/14* ( 2006.01 )  
*F02C 7/18* ( 2006.01 )  
*F02C 7/22* ( 2006.01 )  
*F23D 14/06* ( 2006.01 )  
 (31) 17/315,016 (32) 07.05.21 (33) US  
 (43) 24.11.2022  
 (72) Boardman, Gregory A.; Naik, Pradeep; Abdelnabi, Bassam Sabry Mohammad; Giridharan, Manampathy G.; Kediya, Vishal Sanjay; Sahana, Narasimham S.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Georgia State University Research Foundation Inc.; Beth Israel Deaconess Medical Center  
 (11) AU-A-2022256125  
 (21) 2022256125 (22) 19.10.2022  
 (54) Near-infrared fluorescent contrast bioimaging agents and methods of use thereof  
 (51) Int. Cl.  
*C09B 17/00* ( 2006.01 )  
*A61K 49/04* ( 2006.01 )  
*A61K 49/08* ( 2006.01 )  
*A61K 49/10* ( 2006.01 )

- (43) 24.11.2022  
 (62) 2020204233  
 (72) Frangioni, John; Choi, Hak Soo; Henary, Maged M.  
 (74) FB Rice Pty Ltd
- 
- (71) Givaudan S.A.; Chemcon S.A.  
 (11) AU-A-2022256179  
 (21) 2022256179 (22) 20.10.2022  
 (54) Compounds Reducing Malodour Perception And The Use Thereof  
 (51) Int. Cl.  
*C07C 33/30* ( 2006.01 )  
*C07C 33/48* ( 2006.01 )  
*C07C 43/166* ( 2006.01 )  
*C07C 43/176* ( 2006.01 )  
*C07C 43/23* ( 2006.01 )  
*C07C 47/232* ( 2006.01 )  
*C07C 47/277* ( 2006.01 )  
*C07C 49/217* ( 2006.01 )  
*C07C 57/42* ( 2006.01 )  
*C07C 59/64* ( 2006.01 )  
*C07C 69/618* ( 2006.01 )  
*C07C 69/65* ( 2006.01 )  
*C07C 69/734* ( 2006.01 )  
*C07C 233/11* ( 2006.01 )  
*C07C 255/34* ( 2006.01 )  
*C07C 255/57* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2021218078  
 (72) CHATELAIN, Pierre; GAUTSCHI, Markus; GRANIER, Thierry; QUESNEL, Yannick; SELL, Charles Stanley; VEITHEN, Alex  
 (74) WRAYS PTY LTD
- 
- (71) GNB Global Inc.  
 (11) AU-A-2021202871  
 (21) 2021202871 (22) 06.05.2021  
 (54) TENSIONED SHEET WALL SYSTEM FOR A BUILDING  
 (51) Int. Cl.  
*E04G 21/28* ( 2006.01 )  
*E04G 21/24* ( 2006.01 )  
*E04G 21/26* ( 2006.01 )  
*A47H 23/00* ( 2006.01 )  
*E04H 15/32* ( 2006.01 )  
*E05D 15/06* ( 2006.01 )  
 (43) 24.11.2022  
 (72) Lentowich, Alexander; Hunter, Ryan  
 (74) Michael Buck IP
- 
- (71) Google LLC  
 (11) AU-A-2022256129  
 (21) 2022256129 (22) 19.10.2022  
 (54) DECODING ERRORS USING QUANTUM SUBSPACE EXPANSION  
 (51) Int. Cl.  
*G06N 10/00* ( 2022.01 )  
 (43) 24.11.2022  
 (62) 2020232777  
 (72) MCCLEAN, Jarrod Ryan; BABBUSH, Ryan; JIANG, Zhang  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

- (71) Google LLC  
 (11) AU-A-2022256137  
 (21) 2022256137 (22) 19.10.2022  
 (54) DECODING ERRORS USING QUANTUM SUBSPACE EXPANSION  
 (51) Int. Cl.  
*G06N 10/00* ( 2022.01 )  
 (43) 24.11.2022  
 (62) 2020232777  
 (72) MCCLEAN, Jarrod Ryan; BABBUSH, Ryan; JIANG, Zhang  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Grant, L.  
 (11) AU-A-2021202914  
 (21) 2021202914 (22) 07.05.2021  
 (54) Portable sunshade  
 (51) Int. Cl.  
*E04H 15/58* ( 2006.01 )  
*A45B 23/00* ( 2006.01 )  
*E04H 15/00* ( 2006.01 )  
*E04H 15/34* ( 2006.01 )  
*E04H 15/60* ( 2006.01 )  
*E04H 15/64* ( 2006.01 )  
 (43) 24.11.2022  
 (72) Grant, Lucia  
 (74) Lucia Marguerite Grant
- 
- (71) Hiab AB  
 (11) AU-A-2022202554  
 (21) 2022202554 (22) 19.04.2022  
 (54) An energy efficient crane, and a method of the crane  
 (51) Int. Cl.  
*B66C 23/62* ( 2006.01 )  
*B66C 23/36* ( 2006.01 )  
 (31) 21172008.1 (32) 04.05.21 (33) EP  
 (43) 24.11.2022  
 (72) RÖSTH, Marcus; GUSTAFSSON, Pelle  
 (74) Griffith Hack
- 
- (71) Hilti Aktiengesellschaft  
 (11) AU-A-2022256186  
 (21) 2022256186 (22) 20.10.2022  
 (54) Electrodynamical drive  
 (51) Int. Cl.  
*H02K 33/02* ( 2006.01 )  
*H02K 41/035* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017371259  
 (72) Mecklenburg, Arno; Dittrich, Tilo  
 (74) Griffith Hack
- 
- (71) Hohai University; Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd.  
 (11) AU-A-2021236470  
 (21) 2021236470 (22) 21.09.2021  
 (54) ADAPTIVE ROBUST STATE ESTIMATION METHOD FOR POWER SYSTEMS  
 (51) Int. Cl.  
*G06N 7/02* ( 2006.01 )  
*G05B 13/02* ( 2006.01 )  
*G06K 9/62* ( 2006.01 )  
*G06Q 50/06* ( 2012.01 )

Applications Open to Public Inspection - Name Index cont'd

(31) 202110504650.X (32) 10.05.21 (33) CN  
(43) 24.11.2022  
(72) HUANG, Manyun; YU, Wenshuai; WEI, Zhinong; SUN, Guoqiang; ZANG, Haixiang  
(74) WRAYS PTY LTD

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2022256138  
(21) 2022256138 (22) 19.10.2022  
(54) SCREEN CONTROL METHOD, ELECTRONIC DEVICE, AND STORAGE MEDIUM  
(51) Int. Cl.  
G06F 3/0487 (2013.01)  
(43) 24.11.2022  
(62) 2020224197  
(72) Zhang, Ziyue; Xiong, Liudong; Ding, Ning; Zhang, Chao  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Illinois Tool Works Inc.  
(11) AU-A-2021221436  
(21) 2021221436 (22) 24.08.2021  
(54) Coupler for threaded reinforcing bar  
(51) Int. Cl.  
F16B 7/18 (2006.01)  
F16B 37/12 (2006.01)  
(31) 2021901323 (32) 04.05.21 (33) AU  
(43) 24.11.2022  
(72) STONE, James; COUMAROS, Andrew; LIM, Jonathan; KENNEDY, Bryan  
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-A-2021221690  
(21) 2021221690 (22) 25.08.2021  
(54) Thread engagement device for threaded reinforcing bar  
(51) Int. Cl.  
F16B 31/02 (2006.01)  
E04C 5/16 (2006.01)  
F16B 7/18 (2006.01)  
E04B 1/58 (2006.01)  
F16B 33/02 (2006.01)  
F16B 37/00 (2006.01)  
(31) 2021901323 (32) 04.05.21 (33) AU  
(43) 24.11.2022  
(72) STONE, James; LIM, Jonathan; HICK, Lachlan  
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-A-2021221712  
(21) 2021221712 (22) 25.08.2021  
(54) Coupler and coupling method including threaded connecting device  
(51) Int. Cl.  
F16B 7/18 (2006.01)  
E04C 5/16 (2006.01)  
E04B 1/58 (2006.01)  
F16B 31/02 (2006.01)  
F16B 33/02 (2006.01)  
F16B 37/00 (2006.01)  
(31) 2021901323 (32) 04.05.21 (33) AU

(43) 24.11.2022  
(72) STONE, James; MCFARLAND, Andrew  
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-A-2022203002  
(21) 2022203002 (22) 04.05.2022  
(54) Coupler for threaded reinforcing bar  
(51) Int. Cl.  
F16B 7/18 (2006.01)  
E04C 5/16 (2006.01)  
F16B 39/30 (2006.01)  
E04B 1/58 (2006.01)  
F16B 31/02 (2006.01)  
F16B 33/02 (2006.01)  
F16B 37/00 (2006.01)  
(31) 2021901323 (32) 04.05.21 (33) AU  
(43) 24.11.2022  
(72) STONE, James; COUMAROS, Andrew; LIM, Jonathan; KENNEDY, Bryan  
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-A-2022221515  
(21) 2022221515 (22) 25.08.2022  
(54) Thread engagement device for threaded reinforcing bar  
(51) Int. Cl.  
F16B 31/02 (2006.01)  
E04C 5/16 (2006.01)  
F16B 7/18 (2006.01)  
E04B 1/58 (2006.01)  
F16B 33/02 (2006.01)  
F16B 37/00 (2006.01)  
(43) 24.11.2022  
(62) 2021221690  
(72) LIM, Jonathan; STONE, James; HICK, Lachlan  
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
(11) AU-A-2022221516  
(21) 2022221516 (22) 25.08.2022  
(54) Coupler and coupling method including threaded connecting device  
(51) Int. Cl.  
F16B 7/18 (2006.01)  
E04C 5/16 (2006.01)  
E04B 1/58 (2006.01)  
F16B 31/02 (2006.01)  
F16B 33/02 (2006.01)  
F16B 37/00 (2006.01)  
(43) 24.11.2022  
(62) 2021221712  
(72) MCFARLAND, Andrew; STONE, James  
(74) Davies Collison Cave Pty Ltd

(71) Immunocore Limited  
(11) AU-A-2022256131  
(21) 2022256131 (22) 19.10.2022  
(54) T cell receptors  
(51) Int. Cl.  
C07K 14/725 (2006.01)

(43) 24.11.2022  
(62) 2017246693  
(72) Hayes, Conon; Hibbert, Linda; Liddy, Nathaniel; Mahon, Tara; Raman, Marine  
(74) FB Rice Pty Ltd

(71) Implantica Patent Ltd  
(11) AU-A-2022256211  
(21) 2022256211 (22) 21.10.2022  
(54) An Ostomy Accessory  
(51) Int. Cl.  
A61F 5/445 (2006.01)  
(43) 24.11.2022  
(62) 2020205324  
(72) Forsell, Peter  
(74) WRAYS PTY LTD

(71) Inno-Sports Co., Ltd  
(11) AU-A-2022201437  
(21) 2022201437 (22) 02.03.2022  
(54) AUTOMATICALLY LOCKABLE PIVOTING MECHANISM AND SLIDING MECHANISM, AND FRAME AND TABLE HAVING SAME  
(51) Int. Cl.  
E05D 11/10 (2006.01)  
(31) 17/368,284 (32) 06.07.21 (33) US  
202120962684.9 07.05.21 CN  
202120962737.7 07.05.21 CN  
(43) 24.11.2022  
(72) Choi, Kwan Jun  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) I-Sens, Inc.  
(11) AU-A-2022202498  
(21) 2022202498 (22) 14.04.2022  
(54) Paste for reference electrode, reference electrode, and biosensor including the same  
(51) Int. Cl.  
H01B 1/04 (2006.01)  
C08F 20/18 (2006.01)  
C08K 3/04 (2006.01)  
C08K 3/105 (2018.01)  
C08K 3/16 (2006.01)  
C09D 7/61 (2018.01)  
C09D 7/65 (2018.01)  
G01N 33/66 (2006.01)  
(31) 10-2021-0058561 (32) 06.05.21 (33) KR  
(43) 24.11.2022  
(72) KANG, Young Jea; JEONG, In Seok; PARK, Chul Hyun; KIM, Suk Joon; PARK, Yoon Beom  
(74) FB Rice Pty Ltd

(71) Jennerjahn Machine, Inc.  
(11) AU-A-2022256147  
(21) 2022256147 (22) 20.10.2022  
(54) Coreless retail paper rolls and associated methods and apparatus for manufacturing the same  
(51) Int. Cl.  
B65H 19/22 (2006.01)  
B65H 18/28 (2006.01)  
B65H 19/30 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 24.11.2022  
 (62) 2018375131  
 (72) JENNERHAHN, Christopher B.; VOGEL, Roger W.; KIMMERLING, Christopher M.; MOSIER, Kyle J.  
 (74) Spruson & Ferguson

(71) Kaisha Packaging Private Ltd.  
 (11) AU-A-2022202997  
 (21) 2022202997 (22) 04.05.2022  
 (54) Tamper Evident Plastic Closure for Vials for Storing Substances for Medical or Pharmaceutical Applications and Use Thereof

(51) Int. Cl.  
**A61J 1/18** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**B65D 39/02** ( 2006.01 )  
**B65D 39/04** ( 2006.01 )  
**B65D 41/46** ( 2006.01 )  
**B65D 47/36** ( 2006.01 )  
**B65D 51/20** ( 2006.01 )  
**B65D 55/06** ( 2006.01 )  
 (31) 202121020675 (32) 06.05.21 (33) IN  
 (43) 24.11.2022  
 (72) Dadachanji, Rishad; Patel, Keyurkumar  
 (74) Eagar & Associates Pty Ltd

(71) Komatsu Ltd.  
 (11) AU-A-2022256218  
 (21) 2022256218 (22) 21.10.2022  
 (54) Construction management device, construction management system, and construction management method  
 (51) Int. Cl.  
**G06Q 50/08** ( 2012.01 )  
 (43) 24.11.2022  
 (62) 2020227081  
 (72) Shike, Chikashi; Nemoto, Yuuichi  
 (74) FB Rice Pty Ltd

(71) Kyocera Senco Industrial Tools, Inc.  
 (11) AU-A-2022256196  
 (21) 2022256196 (22) 21.10.2022  
 (54) Working cylinder for power tool with piston lubricating system  
 (51) Int. Cl.  
**B25C 1/00** ( 2006.01 )  
**B25D 9/00** ( 2006.01 )  
**B25D 17/00** ( 2006.01 )  
**B25D 17/26** ( 2006.01 )  
**B25F 5/00** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2019360114  
 (72) BRADLEY, David D.; McCARDLE, Thomas A.; KABBES, Anthony D.  
 (74) Spruson & Ferguson

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (11) AU-A-2022202931  
 (21) 2022202931 (22) 03.05.2022  
 (54) CRYOGENIC CELL FOR RAPID COOLING OR DEEP-FREEZING WHILE STILL PRESERVING THE IN-

DIVIDUAL CHARACTER OF THE ELEMENTS TO BE TREATED  
 (51) Int. Cl.  
**F25D 3/10** ( 2006.01 )  
**A23B 4/09** ( 2006.01 )  
**A23B 7/055** ( 2006.01 )  
**A23L 3/375** ( 2006.01 )  
**F25D 25/00** ( 2006.01 )  
**F25D 29/00** ( 2006.01 )  
 (31) 2104794 (32) 06.05.21 (33) FR  
 (43) 24.11.2022  
 (72) Gensse, Héléne; Cousin, Franck; Pathier, Didier  
 (74) Phillips Ormonde Fitzpatrick

(71) Labelmakers Flexibles and Linerless Pty Ltd  
 (11) AU-A-2022256204  
 (21) 2022256204 (22) 21.10.2022  
 (54) Container wrapper  
 (51) Int. Cl.  
**B65D 23/08** ( 2006.01 )  
**B65D 53/02** ( 2006.01 )  
**B65D 71/08** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016353533  
 (72) Cowan, Michael; Fletcher, Ken  
 (74) Griffith Hack

(71) Lakewood Amedex, Inc.  
 (11) AU-A-2022256175  
 (21) 2022256175 (22) 20.10.2022  
 (54) Antimicrobial compounds, compositions, and uses thereof  
 (51) Int. Cl.  
**C07H 19/10** ( 2006.01 )  
**A01N 57/16** ( 2006.01 )  
**A61K 31/6615** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2021201251  
 (72) Kates, Steven A.; Sleet, Randolph B.; Parkinson, Steven  
 (74) FPA Patent Attorneys Pty Ltd

(71) Lam, T.T.  
 (11) AU-A-2022256200  
 (21) 2022256200 (22) 21.10.2022  
 (54) DUAL FLOATS BASED WAVE ENERGY CONVERTOR  
 (51) Int. Cl.  
**F03G 7/10** ( 2006.01 )  
**F03B 13/12** ( 2006.01 )  
**F03B 17/06** ( 2006.01 )  
**F03D 9/00** ( 2016.01 )  
**F03D 13/25** ( 2016.01 )  
**F16H 19/06** ( 2006.01 )  
**F16H 41/02** ( 2006.01 )  
**B63B 35/44** ( 2006.01 )  
**F16H 19/08** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2022218536  
 (72) Lam, Thanh Tri  
 (74) Thanh Tri Lam

(71) Levation Pharma Ltd.  
 (11) AU-A-2022257242

(21) 2022257242 (22) 24.10.2022  
 (54) COMPOSITIONS AND USES OF ALPHA-ADRENERGIC AGENTS  
 (51) Int. Cl.  
**A61P 27/02** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/4174** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017211793  
 (72) Litvack, Frank; Hemmati, Houman  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Lumiphore, Inc.  
 (11) AU-A-2022252848  
 (21) 2022252848 (22) 14.10.2022  
 (54) Macrocyclic ligands with pendant chelating moieties and complexes thereof  
 (51) Int. Cl.  
**C07D 491/22** ( 2006.01 )  
**C07D 471/18** ( 2006.01 )  
**G01N 21/76** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017321979  
 (72) Tatum, David; Xu, Jide; Magda, Darren; Butlin, Nathaniel  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MANGROVE WATER TECHNOLOGIES LTD  
 (11) AU-A-2022256176  
 (21) 2022256176 (22) 20.10.2022  
 (54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES  
 (51) Int. Cl.  
**B01D 61/00** ( 2006.01 )  
**C01D 15/00** ( 2006.01 )  
**C01D 15/02** ( 2006.01 )  
**C01D 15/06** ( 2006.01 )  
**C01D 15/08** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
 (43) 24.11.2022  
 (62) 2021290346  
 (72) DARA, Saad; ZAHIRI, Benjamin  
 (74) Oxygene IP

(71) Mannix, S.  
 (11) AU-A-2021202855  
 (21) 2021202855 (22) 05.05.2021  
 (54) Domestic Violence App  
 (51) Int. Cl.  
**G06Q 50/22** ( 2018.01 )  
**G06Q 50/26** ( 2012.01 )  
 (43) 24.11.2022  
 (72) Mannix, Sharmane  
 (74) Sharmane Mannix

(71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-A-2022256139  
 (21) 2022256139 (22) 19.10.2022

Applications Open to Public Inspection - Name Index cont'd

(54) System, method, computer-accessible medium and apparatus for fast radio-active seed localization in intraoperative cone beam CT for Low-Dose-Rate prostate brachytherapy

(51) Int. Cl.  
**A61B 6/00** ( 2006.01 )  
**A61B 8/00** ( 2006.01 )  
**A61M 36/00** ( 2006.01 )  
**A61M 36/12** ( 2006.01 )  
**A61N 5/00** ( 2006.01 )  
**A61N 5/10** ( 2006.01 )

(43) 24.11.2022  
 (62) 2021203330  
 (72) Cohen, Gil'ad N.; Zelefsky, Michael J.; Hu, Yu-Chi; Xiong, Jian-Ping; Zaider, Marco; Mageras, Gikas; Nasser, Nicola J.; Amols, Howard I.  
 (74) FPA Patent Attorneys Pty Ltd

(71) MERCK PATENT GMBH  
 (11) AU-A-2022256215  
 (21) 2022256215 (22) 21.10.2022  
 (54) Imidazolonyl quinolines and use thereof as ATM kinase inhibitors  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2020204241  
 (72) FUCHSS, Thomas; SCHIEMANN, Kai  
 (74) Griffith Hack

(71) Meshtec International Co., Ltd.  
 (11) AU-A-2021202848  
 (21) 2021202848 (22) 05.05.2021  
 (54) Adjustable Door  
 (51) Int. Cl.  
**E06B 3/04** ( 2006.01 )  
**E06B 3/26** ( 2006.01 )  
**E06B 5/11** ( 2006.01 )  
**E06B 7/18** ( 2006.01 )  
**E06B 9/01** ( 2006.01 )  
**E06B 9/52** ( 2006.01 )  
 (43) 24.11.2022  
 (72) TAYLOR, Peter Syme; EDLIN, David Neil  
 (74) WRAYS PTY LTD

(71) Meshtec International Co., Ltd.  
 (11) AU-A-2022202868  
 (21) 2022202868 (22) 29.04.2022  
 (54) INFILL ADAPTOR FOR A BALUS-TRADE  
 (51) Int. Cl.  
**E04F 11/18** ( 2006.01 )  
**E04H 17/16** ( 2006.01 )  
 (31) 63/186,501 (32) 10.05.21 (33) US  
 (43) 24.11.2022  
 (72) TAYLOR, Peter Syme; EDLIN, David Neil  
 (74) WRAYS PTY LTD

(71) ModernaTX, Inc.  
 (11) AU-A-202224709  
 (21) 202224709 (22) 29.08.2022

(54) Compounds and compositions for intracellular delivery of therapeutic agents

(51) Int. Cl.  
**C07C 229/16** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
**A61K 47/24** ( 2006.01 )  
**A61K 47/28** ( 2006.01 )  
**C07C 233/36** ( 2006.01 )  
**C07C 259/06** ( 2006.01 )  
**C07C 275/14** ( 2006.01 )  
**C07C 279/28** ( 2006.01 )  
**C07C 307/06** ( 2006.01 )  
**C07C 311/05** ( 2006.01 )  
**C07C 335/08** ( 2006.01 )  
**C07D 233/61** ( 2006.01 )  
**C07D 239/46** ( 2006.01 )  
**C07D 249/04** ( 2006.01 )  
**C07D 295/13** ( 2006.01 )  
**C07D 473/00** ( 2006.01 )

(43) 24.11.2022  
 (62) 2018234692  
 (72) Benenato, Kerry E.; Kumarasinghe, Elalahewage Sathyajith; Cornebise, Mark  
 (74) Griffith Hack

(71) National University of Singapore  
 (11) AU-A-2022256995  
 (21) 2022256995 (22) 24.10.2022  
 (54) Methods and compositions for modulating TH-GM cell function  
 (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61P 37/00** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2021201241  
 (72) FU, Xin-Yuan; SHENG, Wanqiang; ZHANG, Yongliang; YANG, Fan  
 (74) Spruson & Ferguson

(71) Netsweeper (Barbados) Inc.  
 (11) AU-A-2022256232  
 (21) 2022256232 (22) 24.10.2022  
 (54) Computer Network System and Process for Collecting Tax on Online Commerce  
 (51) Int. Cl.  
**G06Q 30/04** ( 2012.01 )  
**G06Q 40/00** ( 2012.01 )  
 (43) 24.11.2022  
 (62) 2020260444  
 (72) Roach, Perry; Erdelyi, Lou  
 (74) Patentec Patent Attorneys

(71) Niantic, Inc.  
 (11) AU-A-2022256192  
 (21) 2022256192 (22) 21.10.2022  
 (54) Multi-sync ensemble model for device localization  
 (51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
**G06T 7/70** ( 2017.01 )  
**G06T 19/20** ( 2011.01 )

(43) 24.11.2022  
 (62) 2021203410  
 (72) HU, Si Ying Diana; ASHOK, Anubhav; TURNER, Peter  
 (74) FB Rice Pty Ltd

(71) Nilar International AB  
 (11) AU-A-2022256203  
 (21) 2022256203 (22) 21.10.2022  
 (54) A metal hydride battery with added hydrogen gas, oxygen gas or hydrogen peroxide  
 (51) Int. Cl.  
**H01M 10/34** ( 2006.01 )  
**H01M 10/24** ( 2006.01 )  
**H01M 10/30** ( 2006.01 )  
**H01M 4/24** ( 2006.01 )  
**H01M 4/32** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016343239  
 (72) Noréus, Dag  
 (74) Griffith Hack

**Novo Nordisk A/S see Yale University**  
 (21) 2022221557

(71) NUC Electronics Co., Ltd.  
 (11) AU-A-2021203217  
 (21) 2021203217 (22) 19.05.2021  
 (54) Blender  
 (51) Int. Cl.  
**A47J 43/046** ( 2006.01 )  
**A47J 43/07** ( 2006.01 )  
**H02K 5/24** ( 2006.01 )  
 (31) 10-2021-0058465 (32) 06.05.21 (33) KR  
 (43) 24.11.2022  
 (72) KIM, Jong Boo  
 (74) FB Rice Pty Ltd

**Omeros Corporation see University of Leicester**  
 (21) 2022256090

(71) OMNI Solutions LLC  
 (11) AU-A-2022256164  
 (21) 2022256164 (22) 20.10.2022  
 (54) WASHING SYSTEMS  
 (51) Int. Cl.  
**C02F 1/32** ( 2006.01 )  
**C02F 1/78** ( 2006.01 )  
**D06F 39/10** ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017311507  
 (72) Rupnow, Andrew  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Paratek Pharmaceuticals, Inc.  
 (11) AU-A-2022256106  
 (21) 2022256106 (22) 18.10.2022  
 (54) MINOCYCLINE COMPOUNDS FOR BIODEFENSE  
 (51) Int. Cl.  
**C07C 237/26** ( 2006.01 )  
**A61K 31/65** ( 2006.01 )



Applications Open to Public Inspection - Name Index cont'd

**A61P 31/04** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020260450  
**(72)** Draper, Michael P.; Tanaka, S. Ken  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Payload Industries Pty Ltd  
**(11)** AU-A-2021202915  
**(21)** 2021202915 **(22)** 07.05.2021  
**(54)** A BUCKET PIN CAP  
**(51)** Int. Cl.  
*E02F 9/00* ( 2006.01 )  
*E02F 3/36* ( 2006.01 )  
*E02F 3/28* ( 2006.01 )  
*E02F 3/40* ( 2006.01 )  
**(43)** 24.11.2022  
**(72)** WESKOB, NEVILLE  
**(74)** Griffith Hack

**Pfizer Inc. see Verastem, Inc.**  
**(21)** 2022256144

**(71)** PICTOMETRY INTERNATIONAL CORP.  
**(11)** AU-A-2022256202  
**(21)** 2022256202 **(22)** 21.10.2022  
**(54)** METHOD AND SYSTEM FOR QUICK SQUARE ROOF REPORTING  
**(51)** Int. Cl.  
*G06Q 50/10* ( 2012.01 )  
**(43)** 24.11.2022  
**(62)** 2020233762  
**(72)** THORNBERRY, Chris T.; THORNBERRY, Dale R.  
**(74)** Oxygene IP

**(71)** Plasan Sasa Ltd.  
**(11)** AU-A-2022203107  
**(21)** 2022203107 **(22)** 10.05.2022  
**(54)** Dual use trailer vehicle  
**(51)** Int. Cl.  
*B60D 1/06* ( 2006.01 )  
*B60D 1/07* ( 2006.01 )  
*B60D 1/48* ( 2006.01 )  
*B62D 12/02* ( 2006.01 )  
*B62D 53/00* ( 2006.01 )  
**(31)** 283075 **(32)** 10.05.21 **(33)** IL  
**(43)** 24.11.2022  
**(72)** BEN SHOSHAN, Amir; ENGEL, Asaf  
**(74)** Spruson & Ferguson

**(71)** Plasan Sasa Ltd.  
**(11)** AU-A-2022203111  
**(21)** 2022203111 **(22)** 10.05.2022  
**(54)** A controllable electric vehicle and a control system therefor  
**(51)** Int. Cl.  
*B60L 15/32* ( 2006.01 )  
*B60L 15/42* ( 2006.01 )  
*B60L 50/15* ( 2019.01 )  
*B60L 50/61* ( 2019.01 )  
*B61L 15/00* ( 2006.01 )  
**(31)** 283080 **(32)** 10.05.21 **(33)** IL

**(43)** 24.11.2022  
**(72)** BEN SHOSHAN, Amir; ENGEL, Asaf  
**(74)** Spruson & Ferguson

**(71)** Polaris Industries Inc.  
**(11)** AU-A-2022256136  
**(21)** 2022256136 **(22)** 19.10.2022  
**(54)** Hybrid utility vehicle  
**(51)** Int. Cl.  
*B60K 6/48* ( 2007.10 )  
*B60K 6/36* ( 2007.10 )  
*B60K 6/543* ( 2007.10 )  
*B60K 6/547* ( 2007.10 )  
*B60W 30/14* ( 2006.01 )  
*B60W 30/18* ( 2012.01 )  
**(43)** 24.11.2022  
**(62)** 2019355138  
**(72)** KOHLER, Beat R.; BUEHLER, David F.; HOFFET, Markus; DECKARD, Aaron D.; NELSON, Stephen L.  
**(74)** Griffith Hack

**(71)** Polo, O.  
**(11)** AU-A-2022203023  
**(21)** 2022203023 **(22)** 05.05.2022  
**(54)** Containment system for laparoscopic morcellation and methods of use  
**(51)** Int. Cl.  
*A61J 1/00* ( 2006.01 )  
*A61B 10/04* ( 2006.01 )  
*A61B 17/94* ( 2006.01 )  
**(31)** 17/308,269 **(32)** 05.05.21 **(33)** US  
 17/498,506 11.10.21 US  
**(43)** 24.11.2022  
**(72)** POLO, Oscar  
**(74)** Spruson & Ferguson

**(71)** Power Hero Corp.  
**(11)** AU-A-2022256221  
**(21)** 2022256221 **(22)** 21.10.2022  
**(54)** An automated system for managing and providing a network of charging stations  
**(51)** Int. Cl.  
*B60L 53/62* ( 2019.01 )  
*B60L 53/60* ( 2019.01 )  
**(43)** 24.11.2022  
**(62)** 2017308799  
**(72)** GOEI, Esmond  
**(74)** FB Rice Pty Ltd

**(71)** Prysmian S.p.A.  
**(11)** AU-A-2022203012  
**(21)** 2022203012 **(22)** 05.05.2022  
**(54)** Method and equipment for installing a power cable in a deployment site  
**(51)** Int. Cl.  
*H02G 1/06* ( 2006.01 )  
*B65G 21/14* ( 2006.01 )  
*B65G 21/22* ( 2006.01 )  
*B66F 11/00* ( 2006.01 )  
*H02G 9/06* ( 2006.01 )  
*H02G 11/00* ( 2006.01 )  
**(31)** 102021000011645 **(32)** 06.05.21 **(33)** IT

**(43)** 24.11.2022  
**(72)** BACCHINI, Marco; MANFREDI, Simone; GENOVESI, Mario  
**(74)** Davies Collison Cave Pty Ltd

**Puspanathan, P. see Sekula, A.D.**  
**(21)** 2021218223

**(71)** Qulok IP Pty Ltd  
**(11)** AU-A-2022200120  
**(21)** 2022200120 **(22)** 10.01.2022  
**(54)** A Security Screen Assembly  
**(51)** Int. Cl.  
*E06B 5/11* ( 2006.01 )  
*E06B 9/01* ( 2006.01 )  
*E06B 9/52* ( 2006.01 )  
**(31)** 2021901384 **(32)** 10.05.21 **(33)** AU  
**(43)** 24.11.2022  
**(72)** Blakemore, Beau  
**(74)** Stellar Law Pty Ltd

**(71)** REBIOTIX, INC.  
**(11)** AU-A-2022256174  
**(21)** 2022256174 **(22)** 20.10.2022  
**(54)** Microbiota restoration therapy (MRT) compositions and methods of manufacture  
**(51)** Int. Cl.  
*A61K 35/74* ( 2015.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 1/14* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020220084  
**(72)** JONES, Lee A.; JONES, Courtney R.; BROWN, Beth Anne-Szkudlarek; ERICKSON, Joshua  
**(74)** Griffith Hack

**(71)** Rees Operations Pty Ltd  
**(11)** AU-A-2022202938  
**(21)** 2022202938 **(22)** 03.05.2022  
**(54)** CARGO BARRIER ASSEMBLY FOR A VEHICLE  
**(51)** Int. Cl.  
*B60R 21/02* ( 2006.01 )  
*B60R 21/06* ( 2006.01 )  
**(31)** 2021901308 **(32)** 03.05.21 **(33)** AU  
**(43)** 24.11.2022  
**(72)** Waye, Matthew  
**(74)** Madderns Pty Ltd

**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2022221449  
**(21)** 2022221449 **(22)** 24.08.2022  
**(54)** Humanized light chain mice  
**(51)** Int. Cl.  
*A01K 67/00* ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020201596  
**(72)** Macdonald, Lynn; Gurer, Cagan; Meagher, Karolina; Stevens, Sean; Murphy, Andrew J.  
**(74)** FB Rice Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

- (71) Relinia, Inc.  
 (11) AU-A-2022256166  
 (21) 2022256166 (22) 20.10.2022  
 (54) Single-chain TNF receptor 2 agonist fusion proteins
- (51) Int. Cl.  
**C07K 14/525** ( 2006.01 )  
**A61K 38/19** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2018281337  
 (72) FOSTER, David C.; GIEBEL, Lutz B.; PRESTA, Leonard G.  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) ResMed Pty Ltd  
 (11) AU-A-2022256140  
 (21) 2022256140 (22) 19.10.2022  
 (54) BREATHABLE GAS APPARATUS WITH HUMIDIFIER
- (51) Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61M 16/16** ( 2006.01 )  
**A62B 9/00** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2020220049  
 (72) KENYON, Barton John; YEE, Arthur Kin-Wai  
 (74) Halfords IP
- 
- (71) Rytrans Manufacturing Pty Ltd  
 (11) AU-A-2021202960  
 (21) 2021202960 (22) 10.05.2021  
 (54) Guardrail system for vehicles
- (51) Int. Cl.  
**B60R 3/00** ( 2006.01 )  
**B60P 3/04** ( 2006.01 )  
**B60P 3/22** ( 2006.01 )
- (43) 24.11.2022  
 (72) Bondili, Vivekh; Daley, Ashley William  
 (74) GLMR
- 
- (71) Sagetech Medical Equipment Limited  
 (11) AU-A-2022259700  
 (21) 2022259700 (22) 24.10.2022  
 (54) Improvements to the manufacture and remanufacture of volatile anaesthetic agents using supercritical fluids
- (51) Int. Cl.  
**B01D 53/04** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2017222392  
 (72) Brown, Sebastian  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) Samsung Heavy Ind. Co., Ltd  
 (11) AU-A-2022256150  
 (21) 2022256150 (22) 20.10.2022  
 (54) Fluid cooling apparatus
- (51) Int. Cl.  
**F25B 9/06** ( 2006.01 )  
**F25B 31/00** ( 2006.01 )  
**F25B 41/00** ( 2021.01 )  
**F25J 1/00** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2020217460  
 (72) LEE, Donghun; KIM, Mungyu; MIN, Joonho; PARK, Hyunki; LEE, Chihun  
 (74) FB Rice Pty Ltd
- 
- (71) Sandvik Intellectual Property AB  
 (11) AU-A-2022256223  
 (21) 2022256223 (22) 21.10.2022  
 (54) A tube and a method of manufacturing a tube
- (51) Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**B21C 37/12** ( 2006.01 )  
**B23K 9/032** ( 2006.01 )  
**C21D 9/08** ( 2006.01 )  
**C22C 38/06** ( 2006.01 )  
**C22C 38/22** ( 2006.01 )  
**C22C 38/28** ( 2006.01 )  
**C22C 38/32** ( 2006.01 )  
**B23K 101/06** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2016403428  
 (72) Wickman, Krister  
 (74) Griffith Hack
- 
- (71) Sauna Works Inc. (aka Far Infrared Sauna Technology Co.)  
 (11) AU-A-2022215162  
 (21) 2022215162 (22) 05.05.2022  
 (54) Halotherapy module associated with saunas
- (51) Int. Cl.  
**A61H 33/06** ( 2006.01 )
- (31) 63/185,261 (32) 06.05.21 (33) US  
 (43) 24.11.2022  
 (72) DUNCAN, Raleigh C.; KAPS, Andrew  
 (74) mdp Patent and Trade Mark Attorneys
- 
- (71) Schmetzer Industries Holdings Pty Limited  
 (11) AU-A-2022256229  
 (21) 2022256229 (22) 21.10.2022  
 (54) INSULATION MATERIAL ARRANGEMENT
- (51) Int. Cl.  
**E04B 1/94** ( 2006.01 )  
**A62C 2/06** ( 2006.01 )  
**B32B 3/00** ( 2006.01 )  
**B32B 5/00** ( 2006.01 )  
**C09K 5/06** ( 2006.01 )  
**C09K 21/14** ( 2006.01 )  
**E04B 1/62** ( 2006.01 )  
**E04B 1/76** ( 2006.01 )  
**E04F 13/00** ( 2006.01 )
- (43) 24.11.2022  
 (62) 2017257395  
 (72) Schmetzer, Brett Anthony; Schmetzer, Steven John  
 (74) Adams Pluck
- 
- (71) SECURE WALLET TECHNOLOGY PTY LTD  
 (11) AU-A-2021202689  
 (21) 2021202689 (22) 29.04.2021  
 (54) SYSTEMS AND METHODS FOR THE DELIVERY OF DIGITAL RECEIPTS TO SHOPPERS AND ANONYMOUSLY IDENTIFYING SHOPPERS AND PROVIDING ANONYMOUS INSIGHTS ABOUT SHOPPERS TO MERCHANT POINT-OF-SALE SYSTEMS VIA SHOPPERS' PAYMENT CARD ISSUERS BY POST-PURCHASE TRANSACTION MATCHING WITHOUT THE NEED TO ACQUIRE SHOPPERS' CONSENT AT THE COUNTER WHILE REMAINING COMPLIANT TO PRIVACY LEGISLATIONS
- (51) Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 30/00** ( 2012.01 )  
**H04L 9/14** ( 2006.01 )
- (43) 24.11.2022  
 (72) Sadler, Hamish  
 (74) Hamish Sadler
- 
- (71) Sekula, A.D.; Puspanathan, P.  
 (11) AU-A-2021218223  
 (21) 2021218223 (22) 20.08.2021  
 (54) Neuropsychopharmacological treatment employing virtual reality
- (51) Int. Cl.  
**G16H 20/70** ( 2018.01 )  
**A61K 31/675** ( 2006.01 )  
**A61M 21/00** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A63F 13/80** ( 2014.01 )  
**G06Q 50/22** ( 2018.01 )  
**G06F 3/01** ( 2006.01 )  
**H04N 13/332** ( 2018.01 )
- (31) 2021901318 (32) 04.05.21 (33) AU  
 (43) 24.11.2022  
 (72) Sekula, Agnieszka Dorota; Puspanathan, Prashanth  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Shamsuddin, A.; Vanderlinden, K.  
 (11) AU-A-2022203016  
 (21) 2022203016 (22) 05.05.2022  
 (54) METHOD, DEVICE, AND KIT FOR POPULATION SCREENING FOR CANCER, CANCER RECURRENCE AND PRECANCEROUS CONDITIONS IN SYMPTOM FREE INDIVIDUALS
- (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C07H 13/04** ( 2006.01 )  
**C09B 11/10** ( 2006.01 )  
**C12Q 1/26** ( 2006.01 )  
**G01N 33/52** ( 2006.01 )
- (31) 17/314,502 (32) 07.05.21 (33) US  
 (43) 24.11.2022  
 (72) Vanderlinden, Kim; Shamsuddin, AbdulKalam  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Shat-R-Shield, Inc.  
 (11) AU-A-2022256220  
 (21) 2022256220 (22) 21.10.2022  
 (54) LED luminaire  
 (51) Int. Cl.  
*F21V 29/70* ( 2015.01 )  
*F21S 8/02* ( 2006.01 )  
*F21V 7/09* ( 2006.01 )  
*F21V 21/00* ( 2006.01 )  
*F21V 29/00* ( 2015.01 )  
 (43) 24.11.2022  
 (62) 2017257467  
 (72) Cattoni, Don  
 (74) Griffith Hack

(71) Shijianzhuang Jinken Technology Co  
 (11) AU-A-2022256228  
 (21) 2022256228 (22) 21.10.2022  
 (54) Concentrate Sorting System With Automatic Dynamic Equilibrium  
 (51) Int. Cl.  
*B03C 1/00* ( 2006.01 )  
*B03B 7/00* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2016204367  
 (72) QING, Wang; XIAOKANG, Zhi; XIAOTAO, Wu  
 (74) WRAYS PTY LTD

(71) Snap-on Incorporated  
 (11) AU-A-2022202579  
 (21) 2022202579 (22) 20.04.2022  
 (54) Ratchet with toggle trigger  
 (51) Int. Cl.  
*B25B 13/46* ( 2006.01 )  
*B25B 23/00* ( 2006.01 )  
 (31) 17/308,352 (32) 05.05.21 (33) US  
 (43) 24.11.2022  
 (72) BEER, Joshua M.  
 (74) Griffith Hack

(71) Springarm Products Limited  
 (11) AU-A-2021221382  
 (21) 2021221382 (22) 23.08.2021  
 (54) A BALLCOCK VALVE AND COMPONENTS FOR A BALLCOCK VALVE  
 (51) Int. Cl.  
*F16K 31/18* ( 2006.01 )  
 (31) 775702 (32) 07.05.21 (33) NZ  
 (43) 24.11.2022  
 (72) Awburn, Marianne; Awburn, Ric Edward Francis  
 (74) James & Wells Intellectual Property

(71) Symrise AG  
 (11) AU-A-2022203101  
 (21) 2022203101 (22) 09.05.2022  
 (54) Novel bacterial ferment of Lactobacillus species  
 (51) Int. Cl.  
*A61K 8/99* ( 2017.01 )  
*A61K 35/747* ( 2015.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 17/10* ( 2006.01 )  
*A61P 17/16* ( 2006.01 )  
*A61Q 5/02* ( 2006.01 )  
*A61Q 15/00* ( 2006.01 )

*A61Q 19/08* ( 2006.01 )  
*A61Q 19/10* ( 2006.01 )  
 (31) PCT/ (32) 13.08.21 (33) WO  
 EP2021/072613  
 63/185,489 07.05.21 US  
 (43) 24.11.2022  
 (72) MCSHEA, Andrew; NIELSEN, Katrina; HANS, Joachim; KNUPFER, Mirjam; STUHLMANN, Dominik; MEYER, Imke; SCHMIDT, Léa; MASSIRONI, Marco; BENATO, Francesca; ROSA, Sandro  
 (74) Spruson & Ferguson

(71) SyntheX, Inc.  
 (11) AU-A-2022259709  
 (21) 2022259709 (22) 24.10.2022  
 (54) Protein interfaces  
 (51) Int. Cl.  
*C07K 14/435* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/02* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2021205010  
 (72) Chahwan, Charly; Soloveychik, Maria  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Syqe Medical Ltd.  
 (11) AU-A-2022256225  
 (21) 2022256225 (22) 21.10.2022  
 (54) Low Dose Therapeutic Treatment  
 (51) Int. Cl.  
*A61K 31/352* ( 2006.01 )  
*A24F 47/00* ( 2020.01 )  
*A61K 9/00* ( 2006.01 )  
*A61M 15/00* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017204945  
 (72) Davidson, Perry; Kindler, Seth; Almog, Shlomo; Schwartz, Binyamin; Schorr, Aaron; Atzmony, Daniella  
 (74) Golja Haines & Friend

(71) Techtronic Cordless GP  
 (11) AU-A-2022202905  
 (21) 2022202905 (22) 02.05.2022  
 (54) Power tool  
 (51) Int. Cl.  
*A01D 34/54* ( 2006.01 )  
*A01D 34/47* ( 2006.01 )  
*A01D 34/58* ( 2006.01 )  
*A01D 34/84* ( 2006.01 )  
*A01G 3/06* ( 2006.01 )  
 (31) 17/316,482 (32) 10.05.21 (33) US  
 (43) 24.11.2022  
 (72) SMITH, Joshua A.; BOYLES, Tyler  
 (74) Spruson & Ferguson

(71) The General Hospital Corporation  
 (11) AU-A-2022256191  
 (21) 2022256191 (22) 21.10.2022  
 (54) Inducible, tunable, and multiplex human gene regulation using crispr-Cpf1  
 (51) Int. Cl.  
*C07K 14/05* ( 2006.01 )  
*A61K 38/05* ( 2006.01 )

*C12N 15/62* ( 2006.01 )  
*C12N 15/67* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2018254616  
 (72) Tak, Yu Gyoung; Kleinstiver, Benjamin; Joung, J. Keith  
 (74) RnB IP Pty Ltd

(71) The Gillette Company LLC  
 (11) AU-A-2022256217  
 (21) 2022256217 (22) 21.10.2022  
 (54) RAZOR BLADES  
 (51) Int. Cl.  
*B26B 21/56* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2020260446  
 (72) Nisby, John Joseph; Stone, Matthew Robert; Ju, Yongqing; Duff, Jr., Ronald Richard  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The Hospital for Sick Children; University Health Network  
 (11) AU-A-2022256193  
 (21) 2022256193 (22) 21.10.2022  
 (54) Compositions and methods for treating hematologic cancers targeting the SIRPa-CD47 interaction  
 (51) Int. Cl.  
*A61K 38/45* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
 (43) 24.11.2022  
 (62) 2020220183  
 (72) Wang, C. Y.; Jean, Dick, John; Danska, Jayne; Jin, Liqing; Rajakumar, Sujeetha; Theocharides, Alexandre  
 (74) FB Rice Pty Ltd

(71) The Regents of the University of California  
 (11) AU-A-2022256169  
 (21) 2022256169 (22) 20.10.2022  
 (54) Methods and compositions for detecting a target RNA  
 (51) Int. Cl.  
*G01N 33/50* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
*C12N 9/90* ( 2006.01 )  
 (43) 24.11.2022  
 (62) 2017283538  
 (72) Doudna, Jennifer A.; O'Connell, Mitchell Ray; East-Seletsky, Alexandra; Knight, Spencer Charles; Doudna Cate, James Harrison  
 (74) FB Rice Pty Ltd

(71) The Supporting Organization for the Georgia O'Keeffe Museum  
 (11) AU-A-2022201629  
 (21) 2022201629 (22) 09.03.2022  
 (54) SYSTEM FOR TRANSPORTING FRAGILE OBJECTS  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**B65D 81/07** ( 2006.01 )  
**B65D 81/107** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**F16F 7/14** ( 2006.01 )  
**F16F 15/06** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**(31)** 17/314,926 **(32)** 07.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** Kronkright, Dale Paul; White, Robert James  
**(74)** RnB IP Pty Ltd

**(71)** The United States of America, as represented by the Secretary, Department of Health and Human Services  
**(11)** AU-A-2022256143  
**(21)** 2022256143 **(22)** 19.10.2022  
**(54)** Brachyury deletion mutants, non-yeast vectors encoding brachyury deletion mutants, and their use  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2016302237  
**(72)** SCHLOM, Jeffrey; PALENA, Claudia M.  
**(74)** Spruson & Ferguson

**(71)** The University of North Carolina at Chapel Hill  
**(11)** AU-A-2022256172  
**(21)** 2022256172 **(22)** 20.10.2022  
**(54)** Methods and compositions for dual glycan binding AAV vectors  
**(51)** Int. Cl.  
**C07K 14/075** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020294360  
**(72)** ASOKAN, Aravind; SAMULSKI, Richard  
**(74)** Spruson & Ferguson

**(71)** Third Equation Ltd  
**(11)** AU-A-2022256151  
**(21)** 2022256151 **(22)** 20.10.2022  
**(54)** An electrical power supply system and process  
**(51)** Int. Cl.  
**G05F 1/32** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2017305109  
**(72)** Williams, Matthew; Scobie, Andrew  
**(74)** Davies Collision Cave Pty Ltd

**(71)** TRACTO-TECHNIK GmbH & Co. KG  
**(11)** AU-A-2022202950  
**(21)** 2022202950 **(22)** 03.05.2022  
**(54)** ROD SECTION OF A GROUND DRILLING ROD  
**(51)** Int. Cl.  
**E21B 17/046** ( 2006.01 )  
**(31)** 21171872.1 **(32)** 03.05.21 **(33)** EP  
**(43)** 24.11.2022  
**(72)** Boike, Volker; Klein, Tobias  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** TWINPIG BIOLAB, INC.  
**(11)** AU-A-2022201911  
**(21)** 2022201911 **(22)** 04.02.2022  
**(54)** Peptides targeting macrophages, and conjugates, compositions, and uses thereof  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
**C07K 19/00** ( 2006.01 )  
**(31)** 63/185,503 **(32)** 07.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** BAE, Hyunsu; HAN, Ik-Hwan; KANG, Moonkyu; CHOI, Hongseo; CHOI, Jeongyoon; LEE, Heekyung  
**(74)** Spruson & Ferguson

**University Health Network see The Hospital for Sick Children**  
**(21)** 2022256193

**(71)** University of Leicester; Omeros Corporation  
**(11)** AU-A-2022256090  
**(21)** 2022256090 **(22)** 17.10.2022  
**(54)** Compositions and methods of inhibiting MASP-3 for the treatment of various diseases and disorders  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020204551  
**(72)** Cummings, W. Jason; Demopoulos, Gregory A.; Dudler, Thomas; Schwaeble, Hans-Wilhelm; Tjoelker, Larry W.; Wood, Christi L.; Yabuki, Munehisa  
**(74)** FPA Patent Attorneys Pty Ltd

**University of Pittsburgh - of the Commonwealth System of Higher Education see Chevron U.S.A. Inc.**  
**(21)** 2022203075

**Vanderlinden, K. see Shamsuddin, A.**  
**(21)** 2022203016

**(71)** Venter, J.  
**(11)** AU-A-2021221734  
**(21)** 2021221734 **(22)** 25.08.2021  
**(54)** Camping Awning  
**(51)** Int. Cl.  
**E04H 15/08** ( 2006.01 )  
**B60P 3/34** ( 2006.01 )  
**E04F 10/06** ( 2006.01 )  
**E04H 15/06** ( 2006.01 )  
**H02S 30/20** ( 2014.01 )  
**E06B 9/24** ( 2006.01 )  
**E06B 9/68** ( 2006.01 )  
**E06B 9/72** ( 2006.01 )  
**(31)** 2021901371 **(32)** 07.05.21 **(33)** AU  
**(43)** 24.11.2022  
**(72)** Venter, Jack  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Verastem, Inc.; Pfizer Inc.  
**(11)** AU-A-2022256144  
**(21)** 2022256144 **(22)** 19.10.2022  
**(54)** Compositions and methods for treatment of abnormal cell growth  
**(51)** Int. Cl.  
**A61K 31/506** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2020210153  
**(72)** PADVAL, Mahesh; NKANSAH, Paul Okwabi  
**(74)** Spruson & Ferguson

**(71)** Vertex Pharmaceuticals Incorporated  
**(11)** AU-A-2022256154  
**(21)** 2022256154 **(22)** 20.10.2022  
**(54)** Method for treating cancer using a combination of DNA damaging agents and ATR inhibitors  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 33/243** ( 2019.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2016331955  
**(72)** Pollard, John Robert; Littlewood, Peter; Reaper, Philip Michael; Asmal, Mohammed; Fields, Scott Zachary  
**(74)** AJ PARK

**(71)** Voestalpine Signaling USA Inc.  
**(11)** AU-A-2022256187  
**(21)** 2022256187 **(22)** 20.10.2022  
**(54)** Railcar acoustic monitoring system and method of use  
**(51)** Int. Cl.  
**B61L 1/06** ( 2006.01 )  
**B61L 23/04** ( 2006.01 )  
**(43)** 24.11.2022  
**(62)** 2019333159  
**(72)** BILODEAU, James R.; RITCHEY, John D.; SPRENGLE, Eric C.; LUTZ, Jody  
**(74)** FB Rice Pty Ltd

**(71)** Westinghouse Air Brake Technologies Corporation  
**(11)** AU-A-2022201616  
**(21)** 2022201616 **(22)** 09.03.2022  
**(54)** COMMUNICATION SYSTEM AND METHOD  
**(51)** Int. Cl.  
**G01V 3/15** ( 2006.01 )  
**(31)** 17/313,888 **(32)** 06.05.21 **(33)** US  
**(43)** 24.11.2022  
**(72)** Haas, Carl L.; Swar, Padam D.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Westinghouse Air Brake Technologies Corporation  
**(11)** AU-A-2022202435  
**(21)** 2022202435 **(22)** 13.04.2022

## Applications Open to Public Inspection - Name Index cont'd

- (54) SYSTEMS AND METHODS FOR DETECTING BRAKE SYSTEM ANOMALIES  
(51) Int. Cl.  
*B60T 17/22* ( 2006.01 )  
*B60T 13/66* ( 2006.01 )  
*G01M 3/28* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
(31) 17/313,502 (32) 06.05.21 (33) US  
(43) 24.11.2022  
(72) Oswald, James A.; Grimm, Ann K.; Angel, Kevin; Trainor, James; Burgart, Phillip A.; Gawne, Kendrick W.  
(74) Phillips Ormonde Fitzpatrick
- 

- (71) Whitehead Institute for Biomedical Research  
(11) AU-A-2022256173  
(21) 2022256173 (22) 20.10.2022  
(54) Programming and reprogramming of cells  
(51) Int. Cl.  
*C12N 5/10* ( 2006.01 )  
*C12N 15/867* ( 2006.01 )  
*C12Q 1/02* ( 2006.01 )  
(43) 24.11.2022  
(62) 2020201245  
(72) JAENISCH, Rudolf; CAREY, Bryce Woodbury  
(74) Spruson & Ferguson
- 

- (71) Yale University; Novo Nordisk A/S  
(11) AU-A-2022221557  
(21) 2022221557 (22) 26.08.2022  
(54) TREATMENT OF DIURETIC RESISTANCE  
(51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 7/10* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
(43) 24.11.2022  
(62) 2018214554  
(72) Lo, Chih-Hung; Testani, Jeffrey; Rao, Veena; Kakkar, Rahul; Devalaraja, Madhav N.  
(74) PHILLIPS ORMONDE FITZPATRICK
- 

- (71) Yang, S.  
(11) AU-A-2022259715  
(21) 2022259715 (22) 24.10.2022  
(54) Modularized Menu Providing System  
(51) Int. Cl.  
*G06Q 50/12* ( 2012.01 )  
*G06Q 50/10* ( 2012.01 )  
*G16H 20/60* ( 2018.01 )  
(43) 24.11.2022  
(62) 2019265260  
(72) YANG, Saheon  
(74) Eagar & Associates Pty Ltd

Numerical Index

2021202689	SECURE WALLET TECHNOLOGY PTY LTD	2022224709	ModernaTX, Inc.
2021202848	Meshtec International Co., Ltd.	2022228198	Genentech, Inc.
2021202855	Mannix, S.	2022252848	Lumiphore, Inc.
2021202871	GNB Global Inc.	2022256090	University of Leicester; Omeros Corporation
2021202914	Grant, L.	2022256106	Paratek Pharmaceuticals, Inc.
2021202915	Payload Industries Pty Ltd	2022256123	Becton, Dickinson and Company
2021202960	Rytrans Manufacturing Pty Ltd	2022256125	Georgia State University Research Foundation Inc.;
2021203217	NUC Electronics Co., Ltd.		Beth Israel Deaconess Medical Center
2021204168	Friedrich Seiz GmbH	2022256126	Becton, Dickinson and Company
2021218196	Alchin Long Group IP Pty Limited	2022256128	Canon Kabushiki Kaisha
2021218223	Sekula, A.D.; Puspanathan, P.	2022256129	Google LLC
2021221382	Springarm Products Limited	2022256131	Immunocore Limited
2021221409	Fisher & Paykel Healthcare Limited	2022256135	Abbott Diabetes Care Inc.
2021221436	Illinois Tool Works Inc.	2022256136	Polaris Industries Inc.
2021221690	Illinois Tool Works Inc.	2022256137	Google LLC
2021221712	Illinois Tool Works Inc.	2022256138	Huawei Technologies Co., Ltd.
2021221734	Venter, J.	2022256139	Memorial Sloan-Kettering Cancer Center
2021236470	Hohai University; Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd.	2022256140	ResMed Pty Ltd
		2022256142	ASSIA SPE, LLC
2022200120	Qulok IP Pty Ltd	2022256143	The United States of America, as represented by the Secretary, Department of Health and Human Services
2022201437	Inno-Sports Co., Ltd		Verastem, Inc.; Pfizer Inc.
2022201478	Changzhou Anbo Photovoltaic Technology Co.,Ltd	2022256144	Dexcom, Inc.
2022201616	Westinghouse Air Brake Technologies Corporation	2022256146	Jennerjahn Machine, Inc.
2022201629	The Supporting Organization for the Georgia O'Keeffe Museum	2022256147	Samsung Heavy Ind. Co., Ltd
		2022256150	Third Equation Ltd
2022201911	TWINPIG BIOLAB, INC.	2022256151	Vertex Pharmaceuticals Incorporated
2022202344	Einhell Germany AG	2022256154	Apple Inc.
2022202433	General Electric Company	2022256155	Conmed Corporation
2022202435	Westinghouse Air Brake Technologies Corporation	2022256156	Allergan, Inc.
2022202498	I-Sens, Inc.	2022256160	AMVAC Hong Kong Limited
2022202554	Hiab AB	2022256161	ConMed Corporation
2022202579	Snap-on Incorporated	2022256162	Genentech, Inc.
2022202669	Aerospace Information Research Institute, Chinese Academy of Sciences	2022256163	OMNI Solutions LLC
		2022256164	Relinia, Inc.
2022202737	Daon Enterprises Limited	2022256166	Angel Group Co., Ltd.
2022202822	Edelmont SA	2022256168	The Regents of the University of California
2022202868	Meshtec International Co., Ltd.	2022256172	The University of North Carolina at Chapel Hill
2022202905	Techtronic Cordless GP	2022256173	Whitehead Institute for Biomedical Research
2022202931	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2022256174	REBIOTIX, INC.
		2022256175	Lakewood Amedex, Inc.
2022202938	Rees Operations Pty Ltd	2022256176	MANGROVE WATER TECHNOLOGIES LTD
2022202950	TRACTO-TECHNIK GmbH & Co. KG	2022256177	Adaptimmune Limited
2022202997	Kaisha Packaging Private Ltd.	2022256179	Givaudan S.A.; Chemcon S.A.
2022203002	Illinois Tool Works Inc.	2022256181	Adaptimmune Limited
2022203003	Beijing Tusen Zhitu Technology Co.,Ltd.	2022256182	Adaptimmune Limited
2022203012	Prysmian S.p.A.	2022256184	Ball Corporation
2022203016	Shamsuddin, A.; Vanderlinden, K.	2022256186	Hilti Aktiengesellschaft
2022203023	Polo, O.	2022256187	Voestalpine Signaling USA Inc.
2022203024	Dragon Bay Group Pty Ltd	2022256188	Fantasy Gaming Corporation Pty Ltd
2022203046	Aristocrat Technologies, Inc.	2022256189	CSR Building Products Limited
2022203047	Dziekonski, M.Z.	2022256191	The General Hospital Corporation
2022203049	Aristocrat Technologies, Inc.	2022256192	Niantic, Inc.
2022203072	Beijing Baidu Netcom Science Technology Co., Ltd.	2022256193	The Hospital for Sick Children; University Health Network
2022203074	BAYOTECH, INC.		Allen, T.
2022203075	Chevron U.S.A. Inc.; University of Pittsburgh - of the Commonwealth System of Higher Education	2022256194	Kyocera Senco Industrial Tools, Inc.
		2022256196	F. Hoffmann-La Roche AG
2022203079	Alstom Holdings	2022256199	Lam, T.T.
2022203101	Symrise AG	2022256200	Acuitas Therapeutics Inc.
2022203107	Plasan Sasa Ltd.	2022256201	PICTOMETRY INTERNATIONAL CORP.
2022203107	Plasan Sasa Ltd.	2022256202	Nilar International AB
2022203111	Plasan Sasa Ltd.	2022256203	Labelmakers Flexibles and Linerless Pty Ltd
2022203117	Aktina Corp.	2022256204	Arete Associates
2022204736	Caffitaly System S.p.A.	2022256205	Aristocrat Technologies Australia Pty Limited
2022215162	Sauna Works Inc. (aka Far Infrared Sauna Technology Co.)	2022256209	Implantica Patent Ltd
		2022256211	Berkeley Lights, Inc.
2022221449	Regeneron Pharmaceuticals, Inc.	2022256213	Electrical Subsea & Drilling AS
2022221515	Illinois Tool Works Inc.	2022256214	
2022221516	Illinois Tool Works Inc.		
2022221557	Yale University; Novo Nordisk A/S		

**Applications Open to Public Inspection - Numerical Index cont'd**

2022256215 MERCK PATENT GMBH  
2022256217 The Gillette Company LLC  
2022256218 Komatsu Ltd.  
2022256219 Baylor College of Medicine  
2022256220 Shat-R-Shield, Inc.  
2022256221 Power Hero Corp.  
2022256223 Sandvik Intellectual Property AB  
2022256225 Syqe Medical Ltd.  
2022256228 Shijianzhuang Jinken Technology Co  
2022256229 Schmetzer Industries Holdings Pty Limited  
2022256232 Netsweeper (Barbados) Inc.  
2022256995 National University of Singapore  
2022257242 Levation Pharma Ltd.  
2022259700 Sagetech Medical Equipment Limited  
2022259706 Affymetrix, Inc.  
2022259709 SyntheX, Inc.  
2022259711 Advanced Global Clinical Solutions Inc.  
2022259714 ENEOS Corporation  
2022259715 Yang, S.

## IPC Index

<b>A01D 34 /-</b> 2022202905	<b>A61B 6 /-</b> 2022256139	<b>A61K 9 /-</b> 2022224709 2022256144 2022256160 2022256163 2022256225 2022257242	<b>A61P 7 /-</b> 2022221557	<b>B25D 9 /-</b> 2022256196	<b>B62D 53 /-</b> 2022203107
<b>A01G 3 /-</b> 2022202905	<b>A61B 8 /-</b> 2022256139		<b>A61Q 15 /-</b> 2022203101	<b>B25F 5 /-</b> 2022256196	<b>B63B 35 /-</b> 2022256200
<b>A01K 67 /-</b> 2022221449	<b>A61B 90 /-</b> 2022256156		<b>A61Q 19 /-</b> 2022203101	<b>B26B 21 /-</b> 2022256217	<b>B64C 39 /-</b> 2022203074
<b>A01N 57 /-</b> 2022256175	<b>A61F 5 /-</b> 2022256211	<b>A61L 27 /-</b> 2022256160	<b>A61Q 5 /-</b> 2022203101	<b>B32B 3 /-</b> 2022256229	<b>B65B 13 /-</b> 2022201478
<b>A01N 63 /-</b> 2022256219	<b>A61H 33 /-</b> 2022215162	<b>A61M 15 /-</b> 2022256225	<b>A62B 9 /-</b> 2022256140	<b>B32B 5 /-</b> 2022256229	<b>B65D 1 /-</b> 2022256184
<b>A23B 4 /-</b> 2022202931	<b>A61J 1 /-</b> 2022202997 2022203023	<b>A61M 16 /-</b> 2021221409 2022256140 2022259700	<b>A62C 2 /-</b> 2022256229	<b>B60C 13 /-</b> 2022256194	<b>B65D 23 /-</b> 2022256204
<b>A23B 7 /-</b> 2022202931	<b>A61K 31 /-</b> 2021218223 2022256106	<b>A61M 21 /-</b> 2021218223	<b>A63F 1 /-</b> 2022256168	<b>B60D 1 /-</b> 2022203107	<b>B65D 39 /-</b> 2022202997
<b>A23L 3 /-</b> 2022202931	<b>A61K 31 /-</b> 2022256144 2022256154 2022256175 2022256215 2022256225 2022257242	<b>A61M 36 /-</b> 2022256139	<b>A63F 11 /-</b> 2022256168	<b>B60K 6 /-</b> 2022256136	<b>B65D 41 /-</b> 2022202997
<b>A24F 47 /-</b> 2022256225		<b>A61M 5 /-</b> 2022256146	<b>A63F 13 /-</b> 2021218223 2022203046 2022203049 2022256188	<b>B60L 15 /-</b> 2022203111	<b>B65D 47 /-</b> 2022202997
<b>A41D 19 /-</b> 2021204168	<b>A61K 33 /-</b> 2022256154	<b>A61N 5 /-</b> 2022203117 2022256139	<b>A63F 9 /-</b> 2022203046	<b>B60L 50 /-</b> 2022203111	<b>B65D 51 /-</b> 2022202997
<b>A44B 1 /-</b> 2022202822	<b>A61K 35 /-</b> 2022203101 2022256174	<b>A61P 1 /-</b> 2022256174	<b>B01D 53 /-</b> 2022259700	<b>B60L 53 /-</b> 2022256221	<b>B65D 53 /-</b> 2022256204
<b>A44B 11 /-</b> 2022202822	<b>A61K 38 /-</b> 2022256166 2022256169 2022256191 2022256193 2022259709	<b>A61P 13 /-</b> 2022221557	<b>B01D 61 /-</b> 2022256176	<b>B60P 3 /-</b> 2021202960 2021221734	<b>B65D 55 /-</b> 2022202997
<b>A44B 13 /-</b> 2022202822		<b>A61P 17 /-</b> 2022203101 2022257242	<b>B01J 20 /-</b> 2022259700	<b>B60P 7 /-</b> 2022201478	<b>B65D 71 /-</b> 2022256204
<b>A44B 17 /-</b> 2022202822	<b>A61K 39 /-</b> 2022221557 2022228198 2022256090 2022256143 2022256163	<b>A61P 21 /-</b> 2022257242	<b>B03B 7 /-</b> 2022256228	<b>B60R 21 /-</b> 2022202938	<b>B65D 81 /-</b> 2022201629
<b>A44B 19 /-</b> 2022202822		<b>A61P 25 /-</b> 2021218223 2022228198 2022256166	<b>B03C 1 /-</b> 2022256228	<b>B60R 3 /-</b> 2021202960	<b>B65G 1 /-</b> 2022256194
<b>A45B 23 /-</b> 2021202914	<b>A61K 45 /-</b> 2022256090 2022256154	<b>A61P 27 /-</b> 2022257242	<b>B21C 37 /-</b> 2022256223	<b>B60T 13 /-</b> 2022202435	<b>B65G 21 /-</b> 2022203012
<b>A47H 23 /-</b> 2021202871		<b>A61P 29 /-</b> 2022256166	<b>B21D 22 /-</b> 2022256184	<b>B60T 17 /-</b> 2022202435	<b>B65H 18 /-</b> 2022256147
<b>A47J 31 /-</b> 2022204736	<b>A61K 47 /-</b> 2022201911 2022224709 2022256163 2022256201	<b>A61P 31 /-</b> 2022256106 2022256174 2022256175	<b>B23K 101 /-</b> 2022256223	<b>B60W 30 /-</b> 2022256136	<b>B65H 19 /-</b> 2022256147
<b>A61B 10 /-</b> 2022203023		<b>A61P 35 /-</b> 2022256144 2022256154 2022256193 2022256215	<b>B23K 9 /-</b> 2022256223	<b>B61L 1 /-</b> 2022256187	<b>B66C 23 /-</b> 2022202554
<b>A61B 17 /-</b> 2022203023 2022256156 2022256162	<b>A61K 48 /-</b> 2022256172 2022256219		<b>B25B 13 /-</b> 2022202579	<b>B61L 15 /-</b> 2022203111	<b>B66F 11 /-</b> 2022203012
<b>A61B 5 /-</b> 2022256126 2022256135 2022256146 2022259711	<b>A61K 49 /-</b> 2022256125	<b>A61P 37 /-</b> 2022256166 2022256995	<b>B25B 23 /-</b> 2022202579	<b>B61L 23 /-</b> 2022203079 2022256187	<b>C01D 15 /-</b> 2022256176
	<b>A61K 8 /-</b> 2022203101 2022256160		<b>B25C 1 /-</b> 2022256196	<b>B61L 27 /-</b> 2022203079	<b>C02F 1 /-</b> 2022256164
			<b>B25D 17 /-</b> 2022256196	<b>B62D 12 /-</b> 2022203107	<b>C07C 211 /-</b> 2022256201
					<b>C07C 229 /-</b> 202224709



Applications Open to Public Inspection - IPC Index cont'd

<b>C07C 233 /-</b> 2022224709 2022256179 2022256201	<b>C07D 491 /-</b> 2022252848	<b>C12N 5 /-</b> 2022256172 2022256173 2022256219 2022256995	2021221734	2022203002 2022221515 2022221516	<b>F25B 41 /-</b> 2022256150
<b>C07C 235 /-</b> 2022256201	<b>C07H 13 /-</b> 2022203016	<b>C12N 9 /-</b> 2022256169	<b>E04H 17 /-</b> 2022202868	<b>F16B 33 /-</b> 2021221690 2021221712 2022203002 202221515 2022221516	<b>F25B 9 /-</b> 2022256150
<b>C07C 237 /-</b> 2022256106	<b>C07H 19 /-</b> 2022256175	<b>C12Q 1 /-</b> 2022203016 2022256173 2022256193 2022256995 2022259706	<b>E05B 65 /-</b> 2021218196	<b>F16B 37 /-</b> 2021221436 2021221690 2021221712 2022203002 202221515 2022221516	<b>F25D 25 /-</b> 2022202931
<b>C07C 255 /-</b> 2022256179	<b>C07H 21 /-</b> 2022256219	<b>C21D 9 /-</b> 2022256223	<b>E05C 3 /-</b> 2021218196	<b>F16B 39 /-</b> 2022203002	<b>F25D 29 /-</b> 2022202931
<b>C07C 259 /-</b> 2022224709	<b>C07K 14 /-</b> 2022256131 2022256166 2022256169 2022256172 2022256177 2022256181 2022256182 2022256191 2022259709	<b>C22C 38 /-</b> 2022256223	<b>E05D 11 /-</b> 2022201437	<b>F16B 39 /-</b> 2022203002	<b>F25D 3 /-</b> 2022202931
<b>C07C 275 /-</b> 2022224709	<b>C07K 16 /-</b> 2022221557 2022228198 2022256090 2022256199 2022259709	<b>C25B 1 /-</b> 2022256176	<b>E05D 15 /-</b> 2021202871	<b>F16B 39 /-</b> 2022203002	<b>F25J 1 /-</b> 2022256150
<b>C07C 279 /-</b> 2022224709	<b>C07K 19 /-</b> 2022201911	<b>D06F 39 /-</b> 2022256164	<b>E06B 3 /-</b> 2021202848 2021218196	<b>F16B 7 /-</b> 2021221436 2021221690 2021221712 2022203002 202221515 2022221516	<b>G01M 3 /-</b> 2022202435
<b>C07C 307 /-</b> 2022224709	<b>C07K 19 /-</b> 2022201911	<b>E02F 3 /-</b> 2021202915	<b>E06B 5 /-</b> 2021202848 2022200120	<b>F16F 15 /-</b> 2022201629	<b>G01N 21 /-</b> 2022252848
<b>C07C 311 /-</b> 2022224709	<b>C08B 37 /-</b> 2022256160	<b>E02F 9 /-</b> 2021202915	<b>E06B 7 /-</b> 2021202848	<b>F16F 7 /-</b> 2022201629	<b>G01N 33 /-</b> 2022202498 2022203016 2022256169 2022256995 2022259706
<b>C07C 33 /-</b> 2022256179	<b>C08F 20 /-</b> 2022202498	<b>E04B 1 /-</b> 2021221690 2021221712 2022201629 2022203002 202221515 2022221516 2022256229	<b>E06B 9 /-</b> 2021202848 2021221734 2022200120	<b>F16H 15 /-</b> 2022201629	<b>G01N 35 /-</b> 2022256123
<b>C07C 335 /-</b> 2022224709	<b>C08H 1 /-</b> 2022256160	<b>E04B 2 /-</b> 2022256189	<b>E21B 17 /-</b> 2022202950 2022203047	<b>F16H 19 /-</b> 2022256200	<b>G01R 19 /-</b> 2022203079
<b>C07C 43 /-</b> 2022256179	<b>C08K 3 /-</b> 2022202498	<b>E04C 2 /-</b> 2022256189	<b>E21B 33 /-</b> 2022256214	<b>F16H 41 /-</b> 2022256200	<b>G01R 31 /-</b> 2022203079
<b>C07C 47 /-</b> 2022256179	<b>C08L 5 /-</b> 2022256160	<b>E04C 5 /-</b> 2021221690 2021221712 2022203002 202221515 2022221516 2022256229	<b>E21B 41 /-</b> 2022203047	<b>F16K 27 /-</b> 2022203074	<b>G01S 1 /-</b> 2022202344
<b>C07C 49 /-</b> 2022256179	<b>C08L 89 /-</b> 2022256160	<b>E04G 2 /-</b> 2022256189	<b>E21B 43 /-</b> 2022203047 2022203075	<b>F16K 31 /-</b> 2021221382	<b>G01S 13 /-</b> 2022202344 2022203079
<b>C07C 57 /-</b> 2022256179	<b>C09B 11 /-</b> 2022203016	<b>E04G 5 /-</b> 2021221690 2021221712 2022203002 202221515 2022221516 2022256229	<b>F02C 7 /-</b> 2022202433	<b>F16M 11 /-</b> 2022201629	<b>G01S 5 /-</b> 2022202344 2022203079
<b>C07C 59 /-</b> 2022256179	<b>C09B 17 /-</b> 2022256125	<b>E04H 10 /-</b> 2021221734	<b>F03B 13 /-</b> 2022256200	<b>F16H 19 /-</b> 2022256200	<b>G01V 1 /-</b> 2022203075
<b>C07C 69 /-</b> 2022256179	<b>C09D 7 /-</b> 2022202498	<b>E04F 11 /-</b> 2022202868	<b>F03B 17 /-</b> 2022256200	<b>F16K 41 /-</b> 2022256200	<b>G01V 3 /-</b> 2022201616
<b>C07D 233 /-</b> 2022224709	<b>C09K 5 /-</b> 2022256229	<b>E04F 13 /-</b> 2022256229	<b>F03D 13 /-</b> 2022256200	<b>F17C 13 /-</b> 2022259714	<b>G03G 15 /-</b> 2022256128
<b>C07D 239 /-</b> 2022224709	<b>C12N 15 /-</b> 2022256173 2022256191 2022256219	<b>E04G 11 /-</b> 2022256189	<b>F03D 9 /-</b> 2022256200	<b>F17C 5 /-</b> 2022259714	<b>G05B 13 /-</b> 2021236470
<b>C07D 249 /-</b> 2022224709	<b>C09K 21 /-</b> 2022256229	<b>E04G 21 /-</b> 2021202871	<b>F03G 7 /-</b> 2022256200	<b>F21S 8 /-</b> 2022256220	<b>G05B 17 /-</b> 2022203075
<b>C07D 295 /-</b> 2022224709 2022256201		<b>E04H 15 /-</b> 2021202871 2021202914	<b>F15D 1 /-</b> 2022203047	<b>F21V 21 /-</b> 2022256220	<b>G05D 16 /-</b> 2022203074
<b>C07D 471 /-</b> 2022252848 2022256215			<b>F16B 31 /-</b> 2021221690 2021221712	<b>F21V 7 /-</b> 2022256220	<b>G05F 1 /-</b> 2022256151
<b>C07D 473 /-</b> 2022224709				<b>F23D 14 /-</b> 2022202433	
				<b>F25B 31 /-</b> 2022256150	

Applications Open to Public Inspection - IPC Index cont'd

**G06F 1 /-**  
2022203003

**G06F 16 /-**  
2022203024

**G06F 17 /-**  
2022203003  
2022203024  
2022203075

**G06F 21 /-**  
2022202737

**G06F 3 /-**  
2021218223  
2022256138  
2022256155

**G06K 7 /-**  
2022256194

**G06K 9 /-**  
2021236470

**G06N 10 /-**  
2022203072  
2022256129  
2022256137

**G06N 20 /-**  
2022202435

**G06N 3 /-**  
2022202435  
2022202669

**G06N 7 /-**  
2021236470

**G06Q 10 /-**  
2022202669  
2022256161  
2022256194

**G06Q 20 /-**  
2021202689

**G06Q 30 /-**  
2021202689  
2022203024  
2022256232

**G06Q 40 /-**  
2021202689  
2022256232

**G06Q 50 /-**  
2021202855  
2021218223  
2021236470  
2022203024  
2022256161  
2022256168  
2022256188  
2022256202  
2022256218  
2022259715

**G06T 1 /-**  
2022256213

**G06T 19 /-**  
2022256192

**G06T 7 /-**  
2022256192  
2022256213

**G06V 10 /-**  
2022202669  
2022203003

**G06V 20 /-**  
2022202669

**G06V 40 /-**  
2022202737

**G07C 9 /-**  
2022202737

**G07F 17 /-**  
2022203046  
2022203049  
2022256209

**G16H 20 /-**  
2021218223  
2022259715

**H01B 1 /-**  
2022202498

**H01M 10 /-**  
2022256203

**H01M 4 /-**  
2022256203

**H01S 3 /-**  
2022256205

**H02G 1 /-**  
2022203012

**H02G 11 /-**  
2022203012

**H02G 9 /-**  
2022203012

**H02K 33 /-**  
2022256186

**H02K 41 /-**  
2022256186

**H02K 5 /-**  
2021203217

**H02S 30 /-**  
2021221734

**H04L 12 /-**  
2022203072

**H04L 41 /-**  
2022256142

**H04L 65 /-**  
2022203003

**H04L 67 /-**  
2022203003

**H04L 69 /-**  
2022203003

**H04L 9 /-**  
2021202689  
2022202737

**H04N 13 /-**  
2021218223

**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.)

---

(71) AI Fluidics Pty Ltd  
 (11) AU-A-2019101835  
 (21) 2019101835 (22) 12.03.2019  
 (54) Method and apparatus for controlling and manipulation of multi-phase flow in microfluidics using artificial intelligence  
 (51) Int. Cl.  
     *B01L 3/00* ( 2006.01 )  
     *G01N 15/02* ( 2006.01 )  
     *G01N 35/10* ( 2006.01 )  
     *G06K 9/62* ( 2022.01 )  
     *G06N 20/10* ( 2019.01 )  
     *G06V 10/75* ( 2022.01 )  
 (31) 2018901863 (32) 28.05.18 (33) AU  
 (45) 24.11.2022  
 (72) NGUYEN, Nam-Trung; GAO, Yongsheng; ZHOU, Jun; TAN, Say Hwa  
 (74) Spruson & Ferguson

---

(71) Easy PV (Aust) Pty Limited  
 (11) AU-A-2022100152  
 (21) 2022100152 (22) 02.11.2022  
 (54) AN INVERTER FOR AN ENERGY CAPTURE AND STORAGE SYSTEM  
 (51) Int. Cl.  
     *H02J 3/12* ( 2006.01 )  
     *H02J 5/00* ( 2016.01 )  
     *H02M 7/42* ( 2006.01 )  
     *H02J 3/28* ( 2006.01 )  
 (45) 24.11.2022  
 (62) 2021221722  
 (72) Elliston, Barbara Louise; Neilson, Murray James  
 (74) James & Wells Intellectual Property

---

(71) RDCCO PTY LTD  
 (11) AU-A-2022100149  
 (21) 2022100149 (22) 26.10.2022  
 (54) Alarm Communicator, Signalling Service and Method of Operation  
 (51) Int. Cl.  
     *G08B 25/10* ( 2006.01 )  
     *G08B 25/00* ( 2006.01 )  
     *G08B 27/00* ( 2006.01 )  
     *G08B 29/02* ( 2006.01 )  
     *H04L 12/28* ( 2006.01 )  
     *H04L 41/08* ( 2022.01 )  
     *H04L 45/24* ( 2022.01 )  
     *H04L 67/025* ( 2022.01 )  
     *H04N 7/18* ( 2006.01 )  
     *H04N 21/218* ( 2011.01 )  
 (45) 24.11.2022  
 (62) 2019101322  
 (72) Behr, Paul; Chen, Wei Bin; Griffiths, Gregory; Harvey, Duncan; Traithavil, Santit; Lu, Yongbin; Li, Hewen  
 (74) Adams Pluck

**Numerical Index**

**2019101835** AI Fluidics Pty Ltd  
**2022100149** RDCCO PTY LTD  
**2022100152** Easy PV (Aust) Pty Limited

IPC Index

**B01L 3 /-**

2019101835

**G01N 15 /-**

2019101835

**G01N 35 /-**

2019101835

**G06K 9 /-**

2019101835

**G06N 20 /-**

2019101835

**G06V 10 /-**

2019101835

**G08B 25 /-**

2022100149

**G08B 27 /-**

2022100149

**G08B 29 /-**

2022100149

**H02J 3 /-**

2022100152

**H02J 5 /-**

2022100152

**H02M 7 /-**

2022100152

**H04L 12 /-**

2022100149

**H04L 41 /-**

2022100149

**H04L 45 /-**

2022100149

**H04L 67 /-**

2022100149

**H04N 21 /-**

2022100149

**H04N 7 /-**

2022100149

PCT applications which have entered the National Phase

Name Index

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

---

(71) 3D Systems, Inc.  
 (11) AU-A-2021268007  
 (21) 2021268007 (22) 04.05.2021  
 (54) Microcosm bio-scaffold and applications thereof  
 (51) Int. Cl.  
     **C12M 3/00** ( 2006.01 )  
     **C12M 1/00** ( 2006.01 )  
     **C12M 1/12** ( 2006.01 )  
     **C12M 1/32** ( 2006.01 )  
     **C12M 3/06** ( 2006.01 )  
 (87) WO2021/226096  
 (31) 63/020,407 (32) 05.05.20 (33) US  
 (43) 11.11.2021  
 (72) GRIGORYAN, Bagrat; MILLER, Jordan; GELBER, Matthew  
 (74) MINTER ELLISON

---

(71) 3R-Cycle Oy  
 (11) AU-A-2021264028  
 (21) 2021264028 (22) 27.04.2021  
 (54) Method and device for recovering metal  
 (51) Int. Cl.  
     **C22B 3/04** ( 2006.01 )  
     **C01B 32/15** ( 2017.01 )  
     **C22B 3/20** ( 2006.01 )  
     **C22B 7/00** ( 2006.01 )  
     **C25B 1/30** ( 2006.01 )  
     **C25B 11/043** ( 2021.01 )  
 (87) WO2021/219935  
 (31) 20205424 (32) 28.04.20 (33) FI  
 (43) 04.11.2021  
 (72) RINNE, Tero  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) A.W. Chesterton Company  
 (11) AU-A-2021284400  
 (21) 2021284400 (22) 04.06.2021  
 (54) Externally energized secondary seals in split mechanical seals  
 (51) Int. Cl.  
     **F16J 15/34** ( 2006.01 )  
 (87) WO2021/248000  
 (31) 63/035,504 (32) 05.06.20 (33) US  
 (43) 09.12.2021  
 (72) AZIBERT, Henri Vincent; POWERS, Robert James  
 (74) Griffith Hack

---

(71) ABB Schweiz AG  
 (11) AU-A-2021280953  
 (21) 2021280953 (22) 26.04.2021  
 (54) An industrial process model generation system  
 (51) Int. Cl.  
     **G05B 17/02** ( 2006.01 )  
 (87) WO2021/239358  
 (31) 20177360.3 (32) 29.05.20 (33) EP

(43) 02.12.2021  
 (72) JANKA, Dennis; KLOEPPER, Benjamin; CHIOUA, Moncef; RODRIGUEZ, Pablo; LYMPEROPOULOS, Ioannis; DIX, Marcel  
 (74) Griffith Hack

---

(71) Acceleron Pharma Inc.  
 (11) AU-A-2021263760  
 (21) 2021263760 (22) 27.04.2021  
 (54) ActRII proteins and use in treating post-capillary pulmonary hypertension  
 (51) Int. Cl.  
     **A61K 38/18** ( 2006.01 )  
     **A61K 47/68** ( 2017.01 )  
     **A61P 9/12** ( 2006.01 )  
     **A61P 11/00** ( 2006.01 )  
     **C07K 14/475** ( 2006.01 )  
 (87) WO2021/222322  
 (31) 63/016,942 (32) 28.04.20 (33) US  
     63/159,253 10.03.21 US  
 (43) 04.11.2021  
 (72) LI, Gang; KUMAR, Ravindra; LU, Jonathan Toshi; JOSHI, Sachindra; ANDRE, Patrick  
 (74) Pearce IP Pty Ltd

---

(71) Aditxt, Inc.  
 (11) AU-A-2021277232  
 (21) 2021277232 (22) 18.05.2021  
 (54) Double-multiplex assay for multiple immunoglobulin isotypes  
 (51) Int. Cl.  
     **G01N 33/543** ( 2006.01 )  
     **G01N 33/68** ( 2006.01 )  
 (87) WO2021/236688  
 (31) 63/027,102 (32) 19.05.20 (33) US  
     63/117,400 23.11.20 US  
 (43) 25.11.2021  
 (72) CHEN, Ge; SHABAHANG, Shahrokh; LIU, Hong  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Agilent Technologies, Inc.  
 (11) AU-A-2021300178  
 (21) 2021300178 (22) 30.06.2021  
 (54) Instrument monitoring system  
 (51) Int. Cl.  
     **H04L 12/40** ( 2006.01 )  
 (87) WO2022/006307  
 (31) 63/046,964 (32) 01.07.20 (33) US  
 (43) 06.01.2022  
 (72) FASANI, Rick  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Airbus Defence and Space SAS  
 (11) AU-A-2021279256  
 (21) 2021279256 (22) 25.05.2021

(54) Method for estimating collision between at least one piece of space debris and a satellite  
 (51) Int. Cl.  
     **B64G 1/24** ( 2006.01 )  
     **B64G 1/56** ( 2006.01 )  
     **B64G 1/66** ( 2006.01 )  
     **B64G 1/68** ( 2006.01 )  
 (87) WO2021/239732  
 (31) 2005477 (32) 25.05.20 (33) FR  
 (43) 02.12.2021  
 (72) GEGOUT, Dorian; HUE, Lara  
 (74) Griffith Hack

---

(71) Akili Interactive Labs, Inc.  
 (11) AU-A-2021247182  
 (21) 2021247182 (22) 01.04.2021  
 (54) Systems and methods for software design control and quality assurance  
 (51) Int. Cl.  
     **G06F 9/44** ( 2018.01 )  
     **G06F 11/34** ( 2006.01 )  
 (87) WO2021/202870  
 (31) 17/117,050 (32) 09.12.20 (33) US  
     63/003,673 01.04.20 US  
 (43) 07.10.2021  
 (72) GOTTLIEB, Carl; TREES, Jason  
 (74) FB Rice Pty Ltd

---

(71) Alcon Inc.  
 (11) AU-A-2021291673  
 (21) 2021291673 (22) 08.06.2021  
 (54) Ophthalmic laser systems with z-direction multi-focal optics  
 (51) Int. Cl.  
     **A61F 9/008** ( 2006.01 )  
 (87) WO2021/255579  
 (31) 63/039,769 (32) 16.06.20 (33) US  
 (43) 23.12.2021  
 (72) BOR, Zsolt  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Aliada Therapeutics, Inc.  
 (11) AU-A-2021253820  
 (21) 2021253820 (22) 07.04.2021  
 (54) Compositions and methods for blood-brain barrier delivery  
 (51) Int. Cl.  
     **A61K 47/68** ( 2017.01 )  
     **C07K 16/28** ( 2006.01 )  
 (87) WO2021/205358  
 (31) 63/006,998 (32) 08.04.20 (33) US  
     63/036,020 08.06.20 US  
 (43) 14.10.2021  
 (72) EDAVETAL, Suzanne; SINGH, Sanjaya; DOMINGO, Derrick; WILKINSON, Deepti; CEJUDO-MARTIN, Pilar; JAIPRASART, Pharavee; GEIST, Brian  
 (74) Spruson & Ferguson

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

(71) Aliada Therapeutics, Inc.  
 (11) AU-A-2021253821  
 (21) 2021253821 (22) 07.04.2021  
 (54) Anti-CD98 antibodies and uses thereof  
 (51) Int. Cl.  
     C07K 16/28 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
 (87) WO2021/205361  
 (31) 63/006,988 (32) 08.04.20 (33) US  
     63/035,961 08.06.20 US  
 (43) 14.10.2021  
 (72) EDAVETAL, Suzanne; SINGH, San-  
     jaya; DOMINGO, Derrick; WILKINSON,  
     Deepti; CEJUDO-MARTIN, Pilar; JAIS-  
     PRASART, Pharavee; GEIST, Brian  
 (74) Spruson & Ferguson

(71) Altius Institute for Biomedical Sciences;  
 The Brigham and Women's Hospital,  
 Inc.  
 (11) AU-A-2021246531  
 (21) 2021246531 (22) 02.04.2021  
 (54) Methods, compositions, and kits for  
 identifying regions of genomic DNA  
 bound to a protein  
 (51) Int. Cl.  
     C12N 9/10 ( 2006.01 )  
     C12N 9/22 ( 2006.01 )  
     C12N 15/09 ( 2006.01 )  
     C12Q 1/68 ( 2018.01 )  
     C40B 30/00 ( 2006.01 )  
     C40B 30/04 ( 2006.01 )  
     G01N 1/28 ( 2006.01 )  
 (87) WO2021/203047  
 (31) 63/044,361 (32) 02.04.20 (33) US  
 (43) 07.10.2021  
 (72) STAMATOYANNOPOULOS, John A.;  
     STERGACHIS, Andrew B.  
 (74) FB Rice Pty Ltd

(71) Anima Biotech Inc.  
 (11) AU-A-2021259580  
 (21) 2021259580 (22) 21.04.2021  
 (54) Collagen 1 translation inhibitors and  
 methods of use thereof  
 (51) Int. Cl.  
     C07D 401/14 ( 2006.01 )  
     A61K 31/395 ( 2006.01 )  
     A61K 31/42 ( 2006.01 )  
     A61K 31/425 ( 2006.01 )  
     A61P 1/16 ( 2006.01 )  
     A61P 9/00 ( 2006.01 )  
     A61P 11/00 ( 2006.01 )  
     A61P 13/12 ( 2006.01 )  
     A61P 17/00 ( 2006.01 )  
     A61P 19/04 ( 2006.01 )  
     A61P 37/00 ( 2006.01 )  
     A61P 37/06 ( 2006.01 )  
     A61P 43/00 ( 2006.01 )  
     C07D 401/02 ( 2006.01 )  
     C07D 401/06 ( 2006.01 )  
     C07D 403/02 ( 2006.01 )  
     C07D 403/12 ( 2006.01 )  
     C07D 403/14 ( 2006.01 )  
     C07D 413/14 ( 2006.01 )  
     C07D 471/02 ( 2006.01 )  
     C07D 471/12 ( 2006.01 )  
     C07D 487/02 ( 2006.01 )  
     C07D 491/02 ( 2006.01 )  
     C07D 498/02 ( 2006.01 )

C07D 513/04 ( 2006.01 )  
 (87) WO2021/216665  
 (31) 63/013,553 (32) 22.04.20 (33) US  
 (43) 28.10.2021  
 (72) SHEPPARD, David William; TIER-  
     NEY, Jason Paul; MANDABI, Avi-  
     ad; SCHMIDT, Wolfgang; LEVANTO,  
     Stefano; HAMBLIN, Julie Nicole; BULL,  
     Richard James; ALROY, Iris; MAN-  
     SOUR, Wissam; KLEPFISH, Moty;  
     WANG, Yaode; LI, Haitang; PENROSE,  
     Stephen David  
 (74) Griffith Hack

(71) Arch UK Biocides Ltd; Arxada, LLC  
 (11) AU-A-2021258467  
 (21) 2021258467 (22) 22.04.2021  
 (54) Synergistic preservative/personal care  
 composition with a polyglycerol ester  
 (51) Int. Cl.  
     A01N 37/12 ( 2006.01 )  
     A01N 31/04 ( 2006.01 )  
     A01N 37/10 ( 2006.01 )  
     A01N 37/16 ( 2006.01 )  
     A01N 39/00 ( 2006.01 )  
     A01N 43/40 ( 2006.01 )  
     A01N 43/80 ( 2006.01 )  
     A01N 47/44 ( 2006.01 )  
     A01N 59/16 ( 2006.01 )  
     A01P 1/00 ( 2006.01 )  
 (87) WO2021/214237  
 (31) 63/014,202 (32) 23.04.20 (33) US  
     20176133.5 22.05.20 EP  
 (43) 28.10.2021  
 (72) CLARKE, James; CAMPBELL, Jake;  
     ROEBUCK, Philip Lewis; SHAW, Neil  
     Scott; SANGIRARDI, Angela  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Arch UK Biocides Ltd  
 (11) AU-A-2021259335  
 (21) 2021259335 (22) 22.04.2021  
 (54) Synergistic biocide composition with a  
 polyglycerol ester  
 (51) Int. Cl.  
     A01N 25/30 ( 2006.01 )  
     A01N 31/02 ( 2006.01 )  
     A01N 31/08 ( 2006.01 )  
     A01N 33/04 ( 2006.01 )  
     A01N 33/12 ( 2006.01 )  
     A01N 37/02 ( 2006.01 )  
     A01N 37/16 ( 2006.01 )  
     A01N 37/36 ( 2006.01 )  
     A01N 43/40 ( 2006.01 )  
     A01N 47/44 ( 2006.01 )  
     A01N 59/00 ( 2006.01 )  
     A01N 59/12 ( 2006.01 )  
     A01P 1/00 ( 2006.01 )  
 (87) WO2021/214215  
 (31) 20171207.2 (32) 23.04.20 (33) EP  
 (43) 28.10.2021  
 (72) CLARKE, James; NIGHTINGALE,  
     Aaron Thomas Arnold; BROMFIELD,  
     Matt; WHEELER, Paul; PETKOV,  
     Jordan; SHAW, Neil Scott; PAMBOU,  
     Elias  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARRIS Enterprises LLC  
 (11) AU-A-2020437452  
 (21) 2020437452 (22) 27.03.2020  
 (54) Apparatus and method for establishing  
 and maintaining DS-lite tunnel  
 (51) Int. Cl.  
     H04L 61/4511 ( 2022.01 )  
     H04L 12/46 ( 2006.01 )  
     H04L 61/5014 ( 2022.01 )  
 (87) WO2021/189415  
 (43) 30.09.2021  
 (72) LI, Ju; NIU, Lijie; WANG, Haiqiang;  
     WANG, Xin; WEN, Haijuan; XIAO, He  
 (74) Davies Collison Cave Pty Ltd

(71) Arrowes IP Holdings Pty Ltd  
 (11) AU-A-2021266917  
 (21) 2021266917 (22) 05.05.2021  
 (54) Traffic management system  
 (51) Int. Cl.  
     G08G 1/07 ( 2006.01 )  
     G06F 13/00 ( 2006.01 )  
     G08G 1/0955 ( 2006.01 )  
 (87) WO2021/222983  
 (31) 2020901428 (32) 05.05.20 (33) AU  
 (43) 11.11.2021  
 (72) RIGBY, William Patrick Patton; EL-  
     TRINGHAM, Samantha Louise  
     Michelle; EA, Ly Eng; ZHANG, Chun-  
     bin; LA, Henry Tri; EA, Keang Kok  
 (74) Michael Buck IP

(71) ARS Corporation  
 (11) AU-A-2021260337  
 (21) 2021260337 (22) 12.04.2021  
 (54) Electric pruning shears  
 (51) Int. Cl.  
     A01G 3/02 ( 2006.01 )  
 (87) WO2021/215291  
 (31) 2020-075652 (32) 21.04.20 (33) JP  
 (43) 28.10.2021  
 (72) TOUDOU Kazuhiro  
 (74) Michael Buck IP

(71) Ascendis Pharma A/S  
 (11) AU-A-2021269007  
 (21) 2021269007 (22) 03.05.2021  
 (54) Hydrogel irradiation  
 (51) Int. Cl.  
     A61K 47/60 ( 2017.01 )  
     A61K 41/10 ( 2020.01 )  
     A61K 41/17 ( 2020.01 )  
     A61K 47/61 ( 2017.01 )  
     A61K 47/69 ( 2017.01 )  
 (87) WO2021/224169  
 (31) 20172675.9 (32) 04.05.20 (33) EP  
 (43) 11.11.2021  
 (72) STAUCH, Oliver Boris; STARK, Se-  
     bastian; VOIGT, Tobias; BISEK, Nicola  
 (74) Pizzeys Patent and Trade Mark Attor-  
     neys Pty Ltd

(71) ASP Global Manufacturing GmbH  
 (11) AU-A-2021260977  
 (21) 2021260977 (22) 14.04.2021  
 (54) Disinfection solution with two-part for-  
 mulation

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

- (51) Int. Cl.  
**A01N 37/16** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 25/22** ( 2006.01 )  
**A01N 25/34** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A61L 2/18** ( 2006.01 )
- (87) WO2021/214598  
**(31)** 63/013,958 **(32)** 22.04.20 **(33)** US  
**(43)** 28.10.2021  
**(72)** FARVID, Shokouh Sadat; OMIDBAKH-SH, Navid  
**(74)** Dennemeyer & Associates
- 
- (71) Autolus Limited  
**(11)** AU-A-2021266432  
**(21)** 2021266432 **(22)** 06.05.2021  
**(54)** Cell  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/02** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )
- (87) WO2021/224629  
**(31)** 2006820.1 **(32)** 07.05.20 **(33)** GB  
**(43)** 11.11.2021  
**(72)** SRIVASTAVA, Saket; CORDOBA, Shaun; ONUOHA, Shimobi; THOMAS, Simon; PULÉ, Martin  
**(74)** Pairman IP
- 
- (71) Aviation Works Limited  
**(11)** AU-A-2021267638  
**(21)** 2021267638 **(22)** 04.05.2021  
**(54)** Rebreather apparatus  
**(51)** Int. Cl.  
**A62B 7/14** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**A61M 16/06** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )
- (87) WO2021/224226  
**(31)** 20173566.9 **(32)** 07.05.20 **(33)** EP  
**(43)** 11.11.2021  
**(72)** WAKEFORD, Tim; BOYLE, Rob  
**(74)** FB Rice Pty Ltd
- 
- (71) B. Braun Surgical S.A.; Universitat Politècnica de Catalunya  
**(11)** AU-A-2021266106  
**(21)** 2021266106 **(22)** 27.04.2021  
**(54)** Process for producing functionalized organic molecules and uses thereof  
**(51)** Int. Cl.  
**B01D 53/62** ( 2006.01 )  
**B01J 27/18** ( 2006.01 )  
**C01B 25/32** ( 2006.01 )  
**C07C 29/00** ( 2006.01 )  
**C07C 31/02** ( 2006.01 )  
**C10L 1/02** ( 2006.01 )  
**C12P 7/06** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )
- (87) WO2021/219644  
**(31)** 20382345.5 **(32)** 28.04.20 **(33)** EP  
 20382918.9 21.10.20 EP  
**(43)** 04.11.2021  
**(72)** TURÓN DOLS, Pau; SANZ BELTRÁN, Vanesa; RODRÍGUEZ RIVERO, Anna
- 
- Maria; ALEMÁN LLANSÓ, Carlos Enrique; PUIGGALÍ BELLALTA, Jordi; REVILLA-LÓPEZ, Guillem; SANS, Jordi  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71) Baek Clinical Inc.  
**(11)** AU-A-2021255734  
**(21)** 2021255734 **(22)** 16.04.2021  
**(54)** Stabilizing vitamin C application formulations  
**(51)** Int. Cl.  
**A61K 31/17** ( 2006.01 )  
**A61K 8/06** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )
- (87) WO2021/212075  
**(31)** 63/010,878 **(32)** 16.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** BAEK, Jihoon P.  
**(74)** FB Rice Pty Ltd
- 
- (71) Baek Clinical Inc.  
**(11)** AU-A-2021255735  
**(21)** 2021255735 **(22)** 16.04.2021  
**(54)** High-potency vitamin C chemical peeling solutions  
**(51)** Int. Cl.  
**A61K 31/375** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 36/82** ( 2006.01 )
- (87) WO2021/212079  
**(31)** 63/010,881 **(32)** 16.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** BAEK, Jihoon, P.  
**(74)** FB Rice Pty Ltd
- 
- (71) Baek Clinical Inc.  
**(11)** AU-A-2021256054  
**(21)** 2021256054 **(22)** 16.04.2021  
**(54)** High-potency vitamin C and sugar alcohol topical formulations  
**(51)** Int. Cl.  
**A61K 31/375** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 36/82** ( 2006.01 )
- (87) WO2021/212073  
**(31)** 63/010,884 **(32)** 16.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** BAEK, Jihoon P.  
**(74)** FB Rice Pty Ltd
- 
- (71) Baek Clinical Inc.  
**(11)** AU-A-2021257353  
**(21)** 2021257353 **(22)** 16.04.2021  
**(54)** Anhydrous urea emulsions  
**(51)** Int. Cl.  
**C01B 32/336** ( 2017.01 )  
**C08G 8/32** ( 2006.01 )  
**H01G 11/24** ( 2013.01 )
- (87) WO2021/212076  
**(31)** 63/010,888 **(32)** 16.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** BAEK, Jihoon P.  
**(74)** FB Rice Pty Ltd
- 
- (71) Baek Clinical Inc.  
**(11)** AU-A-2021257354  
**(21)** 2021257354 **(22)** 16.04.2021  
**(54)** Anhydrous azelaic acid topical formulations  
**(51)** Int. Cl.  
**A61K 31/16** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 31/724** ( 2006.01 )
- (87) WO2021/212080  
**(31)** 63/010,889 **(32)** 16.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** BAEK, Jihoon P.  
**(74)** FB Rice Pty Ltd
- 
- (71) BAE Systems PLC  
**(11)** AU-A-2021275574  
**(21)** 2021275574 **(22)** 18.05.2021  
**(54)** Secure communication system  
**(51)** Int. Cl.  
**H04L 12/46** ( 2006.01 )  
**H04L 45/02** ( 2022.01 )  
**H04L 45/50** ( 2022.01 )
- (87) WO2021/234358  
**(31)** 2007586.7 **(32)** 21.05.20 **(33)** GB  
 20275092.3 21.05.20 EP  
**(43)** 25.11.2021  
**(72)** LEE, Benjamin Lee; SULLIVAN, James; JENNER, Stephen Matthew Allan  
**(74)** Spruson & Ferguson
- 
- (71) BASF SE  
**(11)** AU-A-2021262412  
**(21)** 2021262412 **(22)** 15.04.2021  
**(54)** Use of strobilurin type compounds for combating phytopathogenic fungi containing an amino acid substitution FT29L in the mitochondrial cytochrome b protein conferring resistance to qo inhibitors III  
**(51)** Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C07C 15/12** ( 2006.01 )  
**C07C 15/44** ( 2006.01 )  
**C07C 57/42** ( 2006.01 )
- (87) WO2021/219388  
**(31)** 20171944.0 **(32)** 28.04.20 **(33)** EP  
 21165165.8 26.03.21 EP  
**(43)** 04.11.2021  
**(72)** KOCH, Andreas; FEHR, Marcus; TEGGE, Vanessa; DEY, Chandan; POONOTH, Manojkumar; KULKARNI, Sarang; LE VEZOUT, Ronan; WINTER, Christian Harald; RUDOLF, Georg Christoph; RATH, Rakesh; KHANNA, Smriti; CRAIG, Ian Robert; GRAMMENOS, Wassilios; GROTE, Thomas; STAMMLER, Gerd; MENTZEL, Tobias; HADEN, Egon; RHEINHEIMER, Joachim  
**(74)** Griffith Hack
- 
- (71) BASF SE  
**(11)** AU-A-2021265031  
**(21)** 2021265031 **(22)** 15.04.2021  
**(54)** Use of strobilurin type compounds for combating phytopathogenic fungi containing an amino acid substitution F129L in the mitochondrial cytochrome



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

- b protein conferring resistance to Qo inhibitors I
- (51) Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C07C 15/12** ( 2006.01 )  
**C07C 15/44** ( 2006.01 )  
**C07C 57/42** ( 2006.01 )
- (87) WO2021/219386  
(31) 20171942.4 (32) 28.04.20 (33) EP  
21165157.5 26.03.21 EP  
(43) 04.11.2021  
(72) KOCH, Andreas; FEHR, Marcus; TEGGE, Vanessa; DEY, Chandan; POONOTH, Manojkumar; KULKARNI, Sarang; LE VEZOUET, Ronan; WINTER, Christian Harald; RUDOLF, Georg Christoph; RATH, Rakesh; KHANNA, Smriti; CRAIG, Ian Robert; GRAMMENOS, Wassilios; GROTE, Thomas; STAMMLER, Gerd; MENTZEL, Tobias; HADEN, Egon; RHEINHEIMER, Joachim
- (74) Griffith Hack
- 
- (71) BASF SE  
(11) AU-A-2021265032  
(21) 2021265032 (22) 15.04.2021  
(54) Use of strobilurin type compounds for combating phytopathogenic fungi containing an amino acid substitution F129L in the mitochondrial cytochrome b protein conferring resistance to Qo inhibitors II
- (51) Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C07C 15/12** ( 2006.01 )  
**C07C 15/44** ( 2006.01 )  
**C07C 57/42** ( 2006.01 )
- (87) WO2021/219387  
(31) 20210705.8 (32) 30.11.20 (33) EP  
21165162.5 26.03.21 EP  
20171943.2 28.04.20 EP  
(43) 04.11.2021  
(72) KOCH, Andreas; FEHR, Marcus; TEGGE, Vanessa; DEY, Chandan; POONOTH, Manojkumar; KULKARNI, Sarang; LE VEZOUET, Ronan; WINTER, Christian Harald; RUDOLF, Georg Christoph; RATH, Rakesh; KHANNA, Smriti; CRAIG, Ian Robert; GRAMMENOS, Wassilios; GROTE, Thomas; STAMMLER, Gerd; MENTZEL, Tobias; HADEN, Egon; RHEINHEIMER, Joachim
- (74) Griffith Hack
- 
- (71) BASF SE  
(11) AU-A-2021266044  
(21) 2021266044 (22) 15.04.2021  
(54) Use of strobilurin type compounds for combating phytopathogenic fungi containing an amino acid substitution F129L in the mitochondrial cytochrome b protein conferring resistance to Qo inhibitors IV
- (51) Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01N 37/50** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C07C 15/12** ( 2006.01 )  
**C07C 15/44** ( 2006.01 )  
**C07C 57/42** ( 2006.01 )
- (87) WO2021/219390  
(31) 20171945.7 (32) 28.04.20 (33) EP  
21165167.4 26.03.21 EP  
(43) 04.11.2021  
(72) KOCH, Andreas; FEHR, Marcus; TEGGE, Vanessa; DEY, Chandan; POONOTH, Manojkumar; KULKARNI, Sarang; LE VEZOUET, Ronan; WINTER, Christian Harald; RUDOLF, Georg Christoph; RATH, Rakesh; KHANNA, Smriti; CRAIG, Ian Robert; GRAMMENOS, Wassilios; GROTE, Thomas; STAMMLER, Gerd; MENTZEL, Tobias; HADEN, Egon; RHEINHEIMER, Joachim
- (74) Griffith Hack
- 
- (71) Bassoo, N.  
(11) AU-A-2021260168  
(21) 2021260168 (22) 20.04.2021  
(54) Training vest apparatuses of multi-resistance for sports performance, military training, flotation device and for leisure activities
- (51) Int. Cl.  
**A63B 21/065** ( 2006.01 )  
**A41D 1/04** ( 2006.01 )  
**A63B 23/02** ( 2006.01 )  
**B63C 9/08** ( 2006.01 )
- (87) WO2021/214639  
(31) 16/852,880 (32) 20.04.20 (33) US  
63/129,481 22.12.20 US  
(43) 28.10.2021  
(72) BASSOO, Naipaul  
(74) NAIPAUL BASSOO
- 
- (71) Bayer Aktiengesellschaft  
(11) AU-A-2021260029  
(21) 2021260029 (22) 19.04.2021  
(54) 2-(het)aryl-substituted condensed heterocyclic derivatives as pest control agents
- (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A01N 43/76** ( 2006.01 )  
**A01N 53/00** ( 2006.01 )
- (87) WO2021/213978  
(31) 20170542.3 (32) 21.04.20 (33) EP  
(43) 28.10.2021  
(72) FISCHER, Ruediger; HOFFMEISTER, Laura; MUELLER, Steffen; WILLOT, Matthieu; ILG, Kerstin; LOESEL, Peter; LINKA, Marc
- (74) Griffith Hack
- 
- (71) Bayer Aktiengesellschaft  
(11) AU-A-2021261451  
(21) 2021261451 (22) 12.04.2021  
(54) Fluid management for a trap device
- (51) Int. Cl.  
**A01M 1/20** ( 2006.01 )  
**A01M 1/02** ( 2006.01 )  
**A01M 1/10** ( 2006.01 )
- 
- (71) Bayer Aktiengesellschaft  
(11) AU-A-2021266392  
(21) 2021266392 (22) 05.05.2021  
(54) Novel heteroaryl-triazole compounds as pesticides
- (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )
- (87) WO2021/224323  
(31) 20173275.7 (32) 06.05.20 (33) EP  
20205300.5 02.11.20 EP  
21157134.4 15.02.21 EP  
(43) 11.11.2021  
(72) JESCHKE, Peter; FÜSLEIN, Martin; SCHWARZ, Hans-Georg; TELSER, Joachim; CANCHO GRANDE, Yolanda; ARLT, Alexander; MÜLLER, Stefan; EBBINGHAUS-KINTSCHER, Ulrich; LÖSEL, Peter; LINKA, Marc; DAMIJONAITIS, Arunas Jonas; HEISLER, Iring; TURBERG, Andreas; MANDZHULO, Oleksandr
- (74) Griffith Hack
- 
- (71) Bayer Healthcare LLC  
(11) AU-A-2021277191  
(21) 2021277191 (22) 17.05.2021  
(54) System, method, and computer program product for providing quick response (QR) codes for injection systems
- (51) Int. Cl.  
**G06F 16/955** ( 2019.01 )  
**A61M 5/20** ( 2006.01 )
- 
- (87) WO2021/213824  
(31) 20171170.2 (32) 23.04.20 (33) EP  
(43) 28.10.2021  
(72) TEMPEL, Matthias; BORN, Fabian Christian  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Bayer Aktiengesellschaft  
(11) AU-A-2021261524  
(21) 2021261524 (22) 20.04.2021  
(54) Substituted aminothiazoles as dgkzeta inhibitors for immune activation
- (51) Int. Cl.  
**C07D 277/38** ( 2006.01 )  
**A61K 31/426** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07D 417/06** ( 2006.01 )  
**C07D 417/10** ( 2006.01 )
- (87) WO2021/214019  
(31) 20171280.9 (32) 24.04.20 (33) EP  
(43) 28.10.2021  
(72) SCHMEES, Norbert; ROEHN, Ulrike; KIRCHHOFF, Dennis; PETERSEN, Kirstin; NGUYEN, Thi, Thanh Uyen; GREES, Mareike; WERBECK, Nicolas; BOEMER, Ulf; BADER, Benjamin; STOECKIGT, Detlef; KOSEMUND, Dirk; OFFRINGA, Rienk; LINK, Corinna; NOWAK-REPPPEL, Katrin
- (74) Davies Collison Cave Pty Ltd
-

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

<b>G16H 40/40</b> ( 2018.01 ) <b>H04L 67/02</b> ( 2022.01 )		<b>(71)</b> Best Perwira Gloves Sdn Bhd <b>(11)</b> AU-A-2021247046 <b>(21)</b> 2021247046 <b>(22)</b> 30.03.2021 <b>(54)</b> Method of manufacturing latex rubber articles <b>(51)</b> Int. Cl. <b>B29C 41/08</b> ( 2006.01 ) <b>A41D 19/00</b> ( 2006.01 ) <b>B29C 64/10</b> ( 2017.01 ) <b>B29C 64/20</b> ( 2017.01 ) <b>B29D 99/00</b> ( 2010.01 ) <b>B33Y 10/00</b> ( 2015.01 ) <b>B33Y 30/00</b> ( 2015.01 ) <b>B33Y 80/00</b> ( 2015.01 )	PCT/ EP2020/082989 PCT/ EP2020/083435 PCT/ EP2020/084342 PCT/ EP2020/085145 PCT/ EP2020/085653 PCT/ EP2020/087844 PCT/ EP2021/050027 PCT/ EP2021/050875 PCT/ EP2021/050874 PCT/ EP2021/051772 PCT/ EP2021/052572 PCT/ EP2021/052716 PCT/ EP2021/054622 PCT/ EP2021/059947	20.11.20 EP 25.11.20 EP 02.12.20 EP 08.12.20 EP 10.12.20 EP 23.12.20 EP 04.01.21 EP 15.01.21 EP 15.01.21 EP 26.01.21 EP 03.02.21 EP 04.02.21 EP 24.02.21 EP 16.04.21 EP	<b>(71)</b> Baylor University <b>(11)</b> AU-A-2021265750 <b>(21)</b> 2021265750 <b>(22)</b> 23.04.2021 <b>(54)</b> System and method for a multi-primary wide gamut color system <b>(51)</b> Int. Cl. <b>G09G 3/20</b> ( 2006.01 ) <b>G02B 5/20</b> ( 2006.01 ) <b>G02F 1/1335</b> ( 2006.01 ) <b>G09G 3/34</b> ( 2006.01 ) <b>G09G 5/02</b> ( 2006.01 )	<b>(87)</b> WO2021/222022 <b>(31)</b> 16/860,769 <b>(32)</b> 28.04.20 <b>(33)</b> US 16/887,807 29.05.20 US 17/009,408 01.09.20 US 17/060,959 01.10.20 US 17/180,441 19.02.21 US	<b>(71)</b> Bio-Cancer Treatment International Limited <b>(11)</b> AU-A-2021256801 <b>(21)</b> 2021256801 <b>(22)</b> 16.04.2021 <b>(54)</b> Methods of treating viral infections using arginase <b>(51)</b> Int. Cl. <b>A61K 38/43</b> ( 2006.01 ) <b>A61K 31/00</b> ( 2006.01 )	<b>(87)</b> WO2021/209028 <b>(31)</b> 63/011,658 <b>(32)</b> 17.04.20 <b>(33)</b> US <b>(43)</b> 21.10.2021 <b>(72)</b> CHEUNG, Kwok-Ming; CHENG, Paul <b>(74)</b> Spruson & Ferguson	<b>(71)</b> Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. <b>(11)</b> AU-A-2020453087 <b>(21)</b> 2020453087 <b>(22)</b> 10.09.2020 <b>(54)</b> Cooling system <b>(51)</b> Int. Cl. <b>H02K 9/193</b> ( 2006.01 ) <b>H02K 5/18</b> ( 2006.01 )	<b>(87)</b> WO2021/248723 <b>(31)</b> 202010516498.2 <b>(32)</b> 09.06.20 <b>(33)</b> CN <b>(43)</b> 16.12.2021 <b>(72)</b> WANG, Dinghui; LI, Jinmeng; YIN, Ran <b>(74)</b> Madderns Pty Ltd	<b>(71)</b> Beijing Tuo Jie Biopharmaceutical Co. Ltd. <b>(11)</b> AU-A-2021278157 <b>(21)</b> 2021278157 <b>(22)</b> 28.05.2021 <b>(54)</b> Dual-agonist compound for both GLP-1 and GIP receptors and application thereof <b>(51)</b> Int. Cl. <b>C07K 14/605</b> ( 2006.01 ) <b>A61K 38/26</b> ( 2006.01 ) <b>A61P 3/04</b> ( 2006.01 ) <b>A61P 3/10</b> ( 2006.01 )	<b>(87)</b> WO2021/239082 <b>(31)</b> 202110335100.X <b>(32)</b> 29.03.21 <b>(33)</b> CN 202010472577.8 29.05.20 CN <b>(43)</b> 02.12.2021 <b>(72)</b> WU, Fangzhou; WANG, Lei; HUANG, Xuchao; WU, Ran; LIU, Renzhi; HUA, Haiqing <b>(74)</b> FB Rice Pty Ltd	<b>(87)</b> WO2021/214204 <b>(31)</b> PCT/ EP2020/061239 PCT/ EP2020/066968 PCT/ EP2020/068174 PCT/ EP2020/069805 PCT/ EP2020/071733 PCT/ EP2020/071839 PCT/ EP2020/073668 PCT/ EP2020/081544 PCT/ EP2020/081981 PCT/ EP2020/082601	<b>(32)</b> 22.04.20 <b>(33)</b> EP 18.06.20 EP 26.06.20 EP 13.07.20 EP 31.07.20 EP 03.08.20 EP 24.08.20 EP 09.11.20 EP 12.11.20 EP 18.11.20 EP	<b>(71)</b> Biotempt B.V. <b>(11)</b> AU-A-2021252821 <b>(21)</b> 2021252821 <b>(22)</b> 06.04.2021 <b>(54)</b> Methods and means for modifying hemodynamics in infections <b>(51)</b> Int. Cl. <b>A61K 38/07</b> ( 2006.01 ) <b>A61K 38/10</b> ( 2006.01 ) <b>A61P 11/00</b> ( 2006.01 ) <b>A61P 31/14</b> ( 2006.01 )	<b>(87)</b> WO2021/206547 <b>(31)</b> 63/005,999 <b>(32)</b> 06.04.20 <b>(33)</b> US 63/045,737 29.06.20 US 63/085,771 30.09.20 US <b>(43)</b> 14.10.2021 <b>(72)</b> WENSVOORT, Gert; CLAASSEN, Eric; RENES, Johan <b>(74)</b> Spruson & Ferguson	<b>(71)</b> Board of Regents, The University of Texas System <b>(11)</b> AU-A-2021264094 <b>(21)</b> 2021264094 <b>(22)</b> 30.04.2021 <b>(54)</b> Anti-CD79b antibodies and chimeric antigen receptors and methods of use thereof <b>(51)</b> Int. Cl. <b>A61K 39/00</b> ( 2006.01 ) <b>C07K 16/28</b> ( 2006.01 ) <b>C12N 5/00</b> ( 2006.01 )	<b>(87)</b> WO2021/222944 <b>(31)</b> 63/018,266 <b>(32)</b> 30.04.20 <b>(33)</b> US
--	--	---	--	--	---	---	--	---	---	---	--	--	---	--	--	--	--	---

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

(43) 04.11.2021  
 (72) CHU, Fuliang; NEELAPU, Sattva S.; CAO, JingJing; LIU, Jingwei  
 (74) FB Rice Pty Ltd

(71) Boehringer Ingelheim International GmbH  
 (11) AU-A-2021298800  
 (21) 2021298800 (22) 25.06.2021  
 (54) Tetrazole derivatives as TRPA1 inhibitors  
 (51) Int. Cl.  
**A61K 31/506** ( 2006.01 )  
 (87) WO2022/002782  
 (31) 20182988.4 (32) 29.06.20 (33) EP  
 (43) 06.01.2022  
 (72) BINDER, Florian Paul Christian; FLECK, Martin Thomas; WILLWACHER, Jens  
 (74) Spruson & Ferguson

(71) Bosch Corporation  
 (11) AU-A-2021241126  
 (21) 2021241126 (22) 08.03.2021  
 (54) Event data processing device and vehicle assessment system  
 (51) Int. Cl.  
**G06Q 30/06** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
 (87) WO2021/192954  
 (31) 2020-054397 (32) 25.03.20 (33) JP  
 (43) 30.09.2021  
 (72) SATO Rentaro; TAGUCHI Tetsuya  
 (74) Spruson & Ferguson

(71) Bose Corporation  
 (11) AU-A-2021259164  
 (21) 2021259164 (22) 08.04.2021  
 (54) Managing characteristics of active noise reduction  
 (51) Int. Cl.  
**G10K 11/178** ( 2006.01 )  
**H04R 1/10** ( 2006.01 )  
 (87) WO2021/216290  
 (31) 16/857,382 (32) 24.04.20 (33) US  
 (43) 28.10.2021  
 (72) RULE, John  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Bosonic AG  
 (11) AU-A-2021275372  
 (21) 2021275372 (22) 18.05.2021  
 (54) Ultrasonic tool and method for manufacturing the tool  
 (51) Int. Cl.  
**B06B 3/00** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**A61B 18/02** ( 2006.01 )  
**A61F 9/007** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**B26D 7/08** ( 2006.01 )  
 (87) WO2021/233856  
 (31) 00595/20 (32) 18.05.20 (33) CH

(43) 25.11.2021  
 (72) SOTTAS, Loïc; TORRIANI, Laurent; AESCHLIMANN, Marcel; HIRSCHI, Antoine  
 (74) Catalyst Intellectual Property

(71) Bosonic AG  
 (11) AU-A-2021275373  
 (21) 2021275373 (22) 18.05.2021  
 (54) Ultrasonic tool and method for manufacturing the tool  
 (51) Int. Cl.  
**B06B 3/00** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**A61B 18/02** ( 2006.01 )  
**A61F 9/007** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**B26D 7/08** ( 2006.01 )  
 (87) WO2021/233858  
 (31) 00596/20 (32) 18.05.20 (33) CH  
 (43) 25.11.2021  
 (72) SOTTAS, Loïc; TORRIANI, Laurent; AESCHLIMANN, Marcel; HIRSCHI, Antoine  
 (74) Catalyst Intellectual Property

(71) Bristol-Myers Squibb Company  
 (11) AU-A-2021241458  
 (21) 2021241458 (22) 22.03.2021  
 (54) Substituted oxoisindoline compounds for the treatment of cancer  
 (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 473/32** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 491/048** ( 2006.01 )  
**C07D 491/052** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )

(87) WO2021/194914  
 (31) 62/993,144 (32) 23.03.20 (33) US  
 (43) 30.09.2021  
 (72) DEGNAN, Andrew P.; KUMI, Godwin Kwame; TEBBEN, Andrew J.; HUANG, Audris; PARK, Peter Kinam; BILDER, Donna M.; CHERNEY, Emily; PURANDARE, Ashok V.  
 (74) AJ PARK

(71) Bristol-Myers Squibb Company  
 (11) AU-A-2021244200  
 (21) 2021244200 (22) 22.03.2021  
 (54) Anti-CCR8 antibodies for treating cancer  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2021/194942  
 (31) 62/993,570 (32) 23.03.20 (33) US  
 63/041,992 21.06.20 US  
 63/157,618 05.03.21 US  
 (43) 30.09.2021  
 (72) LAN, Ruth Yin-Zong; ADELAKUN, Olufemi A.; BARMAN, Ishita; CAMP-

BELL, Joseph Richard; DIONG, SJ Jian Zhe; FINDEISEN, Felix; GREENAWALT, Danielle M.; JAIN, Renu; JHATAKIA, Amy D.; LEE, John K.; LEE, Peter Sung Keun; LIANG, Linda; LU, Kai; MCDONALD, Bryan; MESKO, Paul Blaine; RAJPAL, Arvind; SAMBANTHAMOORTHY, Sharmila; SELBY, Mark J.; SIEMERS, Nathan O.; STROP, Pavel; TERRACINA, Gaby A.; WANG, Xi-Tao  
 (74) AJ PARK

(71) Bumblebee A.I Ltd.  
 (11) AU-A-2021252237  
 (21) 2021252237 (22) 06.04.2021  
 (54) Methods for artificial pollination and apparatus for doing the same  
 (51) Int. Cl.  
**A01H 1/00** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
**G06Q 10/00** ( 2012.01 )  
 (87) WO2021/205442  
 (31) 63/005,677 (32) 06.04.20 (33) US  
 (43) 14.10.2021  
 (72) ELGRABLI, Thai; SENESH, Ido; KEREN, Avi  
 (74) WRAYS PTY LTD

(71) Caffitaly System S.p.A.  
 (11) AU-A-2022204736  
 (21) 2022204736 (22) 30.03.2022  
 (54) Apparatus for making beverages which uses capsules containing a food substance  
 (51) Int. Cl.  
**A47J 31/24** ( 2006.01 )  
 (31) 102021000011378 (32) 04.05.21 (33) IT  
 (43) 24.11.2022  
 (72) TONELLI, Stefano; ESPOSITO, Ercole  
 (74) Patent Attorney Services

(71) CalPro ADAS Solutions, LLC  
 (11) AU-A-2021247091  
 (21) 2021247091 (22) 26.03.2021  
 (54) Vehicle safety feature identification and calibration  
 (51) Int. Cl.  
**G07C 5/00** ( 2006.01 )  
**G06Q 10/00** ( 2012.01 )  
**G07C 5/08** ( 2006.01 )  
 (87) WO2021/202296  
 (31) 63/002,889 (32) 31.03.20 (33) US  
 17/249,025 17.02.21 US  
 (43) 07.10.2021  
 (72) BALAN, Todd-Michael  
 (74) Davies Collison Cave Pty Ltd

(71) Camelot UK Bidco Limited  
 (11) AU-A-2021279033  
 (21) 2021279033 (22) 28.05.2021  
 (54) Method, non-transitory computer-readable storage medium, and apparatus for searching an image database  
 (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
 (87) WO2021/243294

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

- (31) 63/032,432 (32) 29.05.20 (33) US  
17/333,707 28.05.21 US
- (43) 02.12.2021
- (72) MAU, Sandra; SONG, Joshua; SIVAPALAN, Sabesan; KRISHNAN, Sreeja
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) CareFusion 303, Inc.  
(11) AU-A-2021262772  
(21) 2021262772 (22) 27.04.2021  
(54) Keep vein open infusion flow control device
- (51) Int. Cl.  
**A61M 5/14** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
**A61M 39/26** ( 2006.01 )  
**A61M 39/28** ( 2006.01 )
- (87) WO2021/222303  
(31) 16/862,308 (32) 29.04.20 (33) US  
(43) 04.11.2021  
(72) TAN, Benjamin Yang Teck  
(74) FB Rice Pty Ltd
- 
- (71) Caterpillar Inc.  
(11) AU-A-2021258813  
(21) 2021258813 (22) 12.03.2021  
(54) Hydraulic circuit for a swing system in a machine
- (51) Int. Cl.  
**F15B 13/043** ( 2006.01 )  
**F15B 11/04** ( 2006.01 )  
**F15B 11/08** ( 2006.01 )
- (87) WO2021/216214  
(31) 16/858,367 (32) 24.04.20 (33) US  
(43) 28.10.2021  
(72) METZGER, Rustin G.; NACKERS, Adam M.; FOSSUM, Joshua A.; RUEMELIN, Christopher M.; GORMAN, Corey L.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Caterpillar Inc.  
(11) AU-A-2021258822  
(21) 2021258822 (22) 31.03.2021  
(54) Attachment assembly for attaching a wear member to a work implement and lug member for use with an attachment system for attaching wear members to a work implement using a spacer
- (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )
- (87) WO2021/216259  
(31) 16/857,511 (32) 24.04.20 (33) US  
(43) 28.10.2021  
(72) KUNZ, Phillip J.; CAMPOMANES, Patrick S.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Cedars-Sinai Medical Center  
(11) AU-A-2021276336  
(21) 2021276336 (22) 18.05.2021  
(54) Devices, assays and methods of testing preeclampsia
- (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )
- (87) WO2021/236674
- (31) 63/026,549 (32) 18.05.20 (33) US  
(43) 25.11.2021
- (72) KARUMANCHI, S. Ananth; BERG, Anders H.; THADHANI, Ravi
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, SINOPEC  
(11) AU-A-2021265998  
(21) 2021265998 (22) 29.04.2021  
(54) Modified beta zeolite, catalytic cracking catalyst as well as preparation method thereof and application thereof
- (51) Int. Cl.  
**C01B 39/02** ( 2006.01 )  
**B01J 29/70** ( 2006.01 )  
**B01J 29/80** ( 2006.01 )
- (87) WO2021/219064  
(31) 202010367845.X (32) 30.04.20 (33) CN  
(43) 04.11.2021  
(72) YU, Shanjing; YAN, Jiasong; ZHANG, Jiexiao; TANG, Liwen  
(74) Churchill Attorneys
- 
- (71) China University of Mining and Technology; Xuzhou University of Technology  
(11) AU-A-2021373599  
(21) 2021373599 (22) 07.02.2021  
(54) Fast-assembly combined liquid supply valve, usage method, and fast assembly method
- (51) Int. Cl.  
**F16K 17/04** ( 2006.01 )  
**F15B 13/02** ( 2006.01 )  
**F16K 17/164** ( 2006.01 )  
**F16K 31/524** ( 2006.01 )
- (87) WO2022/095304  
(31) 202011224379.6 (32) 05.11.20 (33) CN  
(43) 12.05.2022  
(72) LI, Beibei; LIU, Xiumei; MA, Jichao; HE, Jie; LI, Wei; FAN, Zhong; XIANG, Shaobin; XIE, Yongwei; ZHANG, Yujia; SUN, Shenzhen; WEI, Lingxing; LIU, Weiwei  
(74) WRAYS PTY LTD
- 
- (71) CKD Bio Corporation  
(11) AU-A-2021242110  
(21) 2021242110 (22) 23.03.2021  
(54) Lactobacillus delbrueckii subsp. lactis CKDB001 strain, and composition for prevention, amelioration, or treatment of non-alcoholic fatty liver comprising same
- (51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A61K 35/747** ( 2015.01 )  
**A61P 1/16** ( 2006.01 )  
**C12R 1/01** ( 2006.01 )  
**C12R 1/225** ( 2006.01 )
- (87) WO2021/194225  
(31) 10-2020-0034823 (32) 23.03.20 (33) KR  
(43) 30.09.2021  
(72) JOUNG, Hyunchoe; KIM, Byoung-Kook; HEO, Bo Hye; SEO, Min Ho; KIM, Woo Ri  
(74) FB Rice Pty Ltd
- 
- (71) CollPlant Ltd.  
(11) AU-A-2021243961  
(21) 2021243961 (22) 22.03.2021  
(54) Collagen-based formulations usable as soft tissue fillers and/or implants
- (51) Int. Cl.  
**A61L 27/00** ( 2006.01 )  
**A61F 2/02** ( 2006.01 )  
**A61L 27/22** ( 2006.01 )  
**A61L 27/24** ( 2006.01 )  
**A61L 27/36** ( 2006.01 )  
**B33Y 80/00** ( 2015.01 )
- (87) WO2021/191897  
(31) 62/992,998 (32) 22.03.20 (33) US  
(43) 30.09.2021  
(72) ORR, Nadav; STERN, Miriam; ZARKA, Revital  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Commonwealth Scientific and Industrial Research Organisation  
(11) AU-A-2021258695  
(21) 2021258695 (22) 22.04.2021  
(54) Heat barrier laminate
- (51) Int. Cl.  
**A41D 31/06** ( 2019.01 )  
**A41D 31/08** ( 2019.01 )  
**A41D 31/32** ( 2019.01 )  
**B25J 19/00** ( 2006.01 )  
**B32B 15/04** ( 2006.01 )  
**B32B 25/02** ( 2006.01 )  
**B32B 27/18** ( 2006.01 )
- (87) WO2021/212175  
(31) 2020901293 (32) 24.04.20 (33) AU  
(43) 28.10.2021  
(72) DENNING, Ron; EDWARDS, Sharon; HERWIG, Peter; DOWER, Doug; BORGES, Paulo; DEL GIUDICE, Michela  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ConvaTec Limited  
(11) AU-A-2021285410  
(21) 2021285410 (22) 01.06.2021  
(54) Ostomy pouch
- (51) Int. Cl.  
**A61F 5/44** ( 2006.01 )  
**A61F 5/445** ( 2006.01 )
- (87) WO2021/245397  
(31) 2008262.4 (32) 02.06.20 (33) GB  
(43) 09.12.2021  
(72) HOLDEN, Clare  
(74) Houlihan Intellectual Property Pty Ltd
- 
- (71) ConvaTec Limited  
(11) AU-A-2021286232  
(21) 2021286232 (22) 01.06.2021  
(54) Ostomy appliance
- (51) Int. Cl.  
**A61F 5/44** ( 2006.01 )  
**A61F 5/445** ( 2006.01 )
- (87) WO2021/245393  
(31) 2008232.7 (32) 02.06.20 (33) GB

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

- (43) 09.12.2021  
 (72) HOLDEN, Clare; YOUNG, Alice; EVANS, Kevin  
 (74) Houlihan Intellectual Property Pty Ltd
- 
- (71) Council of Scientific & Industrial Research  
 (11) AU-A-2021301444  
 (21) 2021301444 (22) 25.06.2021  
 (54) Quinazolinones derivatives for treatment of non-alcoholic fatty liver disease, preparation and use thereof  
 (51) Int. Cl.  
**A61K 31/517** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**C07D 239/91** ( 2006.01 )  
 (87) WO2022/003712  
 (31) 202011027502 (32) 29.06.20 (33) IN  
 (43) 06.01.2022  
 (72) TALUKDAR, Arindam; CHAKRABARTI, Partha; SARKAR, Dipayan; CHOWDHURY, Saheli; GOON, Sunny; DAS, Subrata; DAS, Nirmal; SARKAR, Dipika  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Craig, R.  
 (11) AU-A-2021273109  
 (21) 2021273109 (22) 14.05.2021  
 (54) Ambidextrous firearm bolt assemblies and methods of using the same  
 (51) Int. Cl.  
**F41A 15/14** ( 2006.01 )  
**F41A 35/06** ( 2006.01 )  
 (87) WO2021/229299  
 (31) 62/704,528 (32) 14.05.20 (33) US  
 (43) 18.11.2021  
 (72) CRAIG, Jeffrey D.; MANIACI, Mark R.; MANIACI, Gene W. L.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Creanova Universal Closures Ltd.  
 (11) AU-A-2021241812  
 (21) 2021241812 (22) 24.03.2021  
 (54) Fluid container closure  
 (51) Int. Cl.  
**B65D 41/34** ( 2006.01 )  
 (87) WO2021/191287  
 (31) 16/828204 (32) 24.03.20 (33) US  
 (43) 30.09.2021  
 (72) DRUITT, Rodney; DIMOND, James  
 (74) FB Rice Pty Ltd
- 
- (71) Creo Medical Limited  
 (11) AU-A-2021263852  
 (21) 2021263852 (22) 22.04.2021  
 (54) Sterilisation apparatus for producing plasma and hydroxyl radicals  
 (51) Int. Cl.  
**A61L 2/14** ( 2006.01 )  
 (87) WO2021/219482  
 (31) 2006384.8 (32) 30.04.20 (33) GB  
 (43) 04.11.2021  
 (72) HANCOCK, Christopher; TURNER, Louis; PRESTON, Shaun; MEADOW-CROFT, Simon  
 (74) Halfords IP
- 
- (71) Crown Scientific, L.L.C.  
 (11) AU-A-2021257255  
 (21) 2021257255 (22) 16.04.2021  
 (54) Regenerative nonsteroidal anti-inflammatory compositions, methods of production, and methods of use thereof  
 (51) Int. Cl.  
**A61K 35/545** ( 2015.01 )  
**A61K 31/557** ( 2006.01 )  
 (87) WO2021/211961  
 (31) 63/011,373 (32) 17.04.20 (33) US  
 (43) 21.10.2021  
 (72) CORONADO, Ramon  
 (74) FB Rice Pty Ltd
- 
- (71) Cure Medical LLC  
 (11) AU-A-2021264583  
 (21) 2021264583 (22) 15.04.2021  
 (54) Gripper sleeve for urinary catheter  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
 (87) WO2021/221919  
 (31) 16/861,941 (32) 29.04.20 (33) US  
 (43) 04.11.2021  
 (72) PALMER, Timothy A.  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Curtin University of Technology  
 (11) AU-A-2021268369  
 (21) 2021268369 (22) 04.05.2021  
 (54) Modified lupin protein  
 (51) Int. Cl.  
**A23J 3/14** ( 2006.01 )  
 (87) WO2021/222976  
 (31) 2020901406 (32) 04.05.20 (33) AU  
 (43) 11.11.2021  
 (72) JOHNSON, Stuart; AL-ALI, Hayder Abdulzahra Abdulmahdi  
 (74) Integrated IP
- 
- (71) Cybin IRL Limited  
 (11) AU-A-2021276656  
 (21) 2021276656 (22) 19.05.2021  
 (54) Deuterated tryptamine derivatives and methods of use  
 (51) Int. Cl.  
**C07D 209/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07F 9/572** ( 2006.01 )  
 (87) WO2021/234608  
 (31) 63/026,939 (32) 19.05.20 (33) US  
 63/114,738 17.11.20 US  
 63/157,118 05.03.21 US  
 (43) 25.11.2021  
 (72) NIVOROZHKIN, Alex; PALFREYMAN, Michael  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Daikyo Seiko, Ltd.  
 (11) AU-A-2021245680  
 (21) 2021245680 (22) 31.03.2021  
 (54) Medical syringe barrel, and packaging for same  
 (51) Int. Cl.  
**A61M 5/00** ( 2006.01 )  
**A61M 1/16** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**A61M 5/34** ( 2006.01 )  
 (87) WO2021/201074  
 (31) 2020-062641 (32) 31.03.20 (33) JP  
 (43) 07.10.2021  
 (72) YOSHIDA, Takayuki  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Daikyo Seiko, Ltd.  
 (11) AU-A-2021248179  
 (21) 2021248179 (22) 31.03.2021  
 (54) Medical syringe barrel and method for producing same  
 (51) Int. Cl.  
**B29C 45/00** ( 2006.01 )  
**A61M 5/28** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**B29C 45/27** ( 2006.01 )  
**B29C 45/37** ( 2006.01 )  
 (87) WO2021/201073  
 (31) 2020-062640 (32) 31.03.20 (33) JP  
 (43) 07.10.2021  
 (72) YOSHIDA Takayuki  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-A-2021296165  
 (21) 2021296165 (22) 21.06.2021  
 (54) Protein tag to induce ligand dependent degradation of protein/protein-fusions  
 (51) Int. Cl.  
**A61K 31/4166** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**C07D 233/86** ( 2006.01 )  
 (87) WO2021/262591  
 (31) 63/042,257 (32) 22.06.20 (33) US  
 (43) 30.12.2021  
 (72) FISCHER, Eric; NOWAK, Radoslaw; XIONG, Yuan  
 (74) Spruson & Ferguson
- 
- (71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-A-2021297778  
 (21) 2021297778 (22) 22.06.2021  
 (54) Compounds for targeted degradation of interleukin-2-inducible T-cell kinase and methods of use  
 (51) Int. Cl.  
**A61K 31/436** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
 (87) WO2021/262636  
 (31) 63/042,739 (32) 23.06.20 (33) US  
 (43) 30.12.2021  
 (72) GRAY, Nathanael S.; JIANG, Baishan; WEINSTOCK, David; WU, Wenchao  
 (74) Spruson & Ferguson
- 
- (71) Danmarks Tekniske Universitet  
 (11) AU-A-2021279250  
 (21) 2021279250 (22) 25.05.2021

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

- (54) Permeabilized microbial cell catalyts  
 (51) Int. Cl.  
*C12P 7/26* ( 2006.01 )  
*A23C 9/12* ( 2006.01 )  
*A23C 9/123* ( 2006.01 )  
*A23L 2/38* ( 2021.01 )  
*A23L 2/60* ( 2006.01 )  
*A23L 33/125* ( 2016.01 )  
*C12P 19/02* ( 2006.01 )  
 (87) WO2021/239702  
 (31) 20176344.8 (32) 25.05.20 (33) EP  
 (43) 02.12.2021  
 (72) JENSEN, Peter Ruhdal; SOLEM, Christian; LIU, Jianming; DORAU, Robin; WANG, Qi  
 (74) Spruson & Ferguson
- 
- (71) Datto, Inc.  
 (11) AU-A-2021251658  
 (21) 2021251658 (22) 30.03.2021  
 (54) Methods and systems for detecting ransomware attack in incremental backup  
 (51) Int. Cl.  
*G06F 21/55* ( 2013.01 )  
*G06F 11/14* ( 2006.01 )  
 (87) WO2021/206956  
 (31) 16/840,665 (32) 06.04.20 (33) US  
 (43) 14.10.2021  
 (72) HANSEN, Kurt  
 (74) Griffith Hack
- 
- (71) Dematic GmbH  
 (11) AU-A-2020446353  
 (21) 2020446353 (22) 08.05.2020  
 (54) Warehouse for order fulfilment with a product storage and at least one order fulfillment area  
 (51) Int. Cl.  
*B65G 1/137* ( 2006.01 )  
*B65G 1/04* ( 2006.01 )  
 (87) WO2021/223885  
 (43) 11.11.2021  
 (72) YAMASHITA, Shin; SHINOHARA, Hiroki; HUBERTH, Daniel  
 (74) Griffith Hack
- 
- (71) Dematic GmbH; Dematic Pty. Ltd.  
 (11) AU-A-2020446636  
 (21) 2020446636 (22) 08.05.2020  
 (54) Method and station for picking articles according to the goods-to-man principle  
 (51) Int. Cl.  
*B65G 1/137* ( 2006.01 )  
*B65G 43/10* ( 2006.01 )  
 (87) WO2021/223881  
 (43) 11.11.2021  
 (72) YAMASHITA, Shin; KUDO, Yuuki; MACLEAN, Adam  
 (74) Griffith Hack
- 
- (71) Denka Company Limited  
 (11) AU-A-2021260069  
 (21) 2021260069 (22) 22.04.2021  
 (54) Cement admixture, expansion material, and cement composition  
 (51) Int. Cl.  
*C04B 22/14* ( 2006.01 )  
*C04B 22/06* ( 2006.01 )  
*C04B 28/02* ( 2006.01 )  
*C04B 103/60* ( 2006.01 )  
*C04B 111/34* ( 2006.01 )  
 (87) WO2021/215509  
 (31) 2020-076574 (32) 23.04.20 (33) JP  
 (43) 28.10.2021  
 (72) SHIMAZAKI, Daiki; MORI, Taiichiro  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) DermTech, Inc.  
 (11) AU-A-2021267387  
 (21) 2021267387 (22) 07.05.2021  
 (54) Automated sample scanning and segregation system and methods  
 (51) Int. Cl.  
*G01N 33/48* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
 (87) WO2021/226482  
 (31) 63/022,364 (32) 08.05.20 (33) US  
 (43) 11.11.2021  
 (72) DOBAK III, John Daniel; ROCK, James; YAO, Zuxu  
 (74) FB Rice Pty Ltd
- 
- (71) Dexcom, Inc.  
 (11) AU-A-2021318950  
 (21) 2021318950 (22) 26.07.2021  
 (54) Population malady identification with a wearable glucose monitoring device  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
 (87) WO2022/026422  
 (31) 63/058,253 (32) 29.07.20 (33) US  
 (43) 03.02.2022  
 (72) VAN DER LINDEN, Joost; HARLEY-TROCHIMCZYK, Anna Claire  
 (74) FB Rice Pty Ltd
- 
- (71) Diagnostics for the Real World, Ltd  
 (11) AU-A-2021240470  
 (21) 2021240470 (22) 23.03.2021  
 (54) Coronavirus detection  
 (51) Int. Cl.  
*C12Q 1/70* ( 2006.01 )  
 (87) WO2021/191795  
 (31) 2004203.2 (32) 23.03.20 (33) GB  
 2005062.1 06.04.20 GB  
 (43) 30.09.2021  
 (72) ASSENNATO, Sonny Michael; RITCHIE, Allyson Victoria  
 (74) AJ PARK
- 
- (71) Dong-A ST Co., Ltd.; KM Transderm Ltd.  
 (11) AU-A-2021270155  
 (21) 2021270155 (22) 12.05.2021  
 (54) Percutaneous absorption preparation comprising donepezil with improved stability  
 (51) Int. Cl.  
*A61K 9/70* ( 2006.01 )  
*A61K 31/445* ( 2006.01 )  
*A61K 47/20* ( 2006.01 )  
*A61K 47/22* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (87) WO2021/230647  
 (31) 10-2020-0057402 (32) 13.05.20 (33) KR  
 (43) 18.11.2021  
 (72) JANG, Sun-Woo; SHIN, Chang-Yell; KIM, Hae-Sun; CHA, Kwang-Ho; KIM, Hyun-jung; HYUN, Sang-Min; GOTO, Masaoki  
 (74) Madderns Pty Ltd
- 
- (71) Dowdle, C.; Dowdle, J.; Cruver, C.; Derfyny, S.  
 (11) AU-A-2021269057  
 (21) 2021269057 (22) 07.05.2021  
 (54) Adjustable and collapsible desk  
 (51) Int. Cl.  
*A47B 9/16* ( 2006.01 )  
*A47B 3/00* ( 2006.01 )  
*A47B 3/02* ( 2006.01 )  
*A47B 3/08* ( 2006.01 )  
*A47B 3/091* ( 2006.01 )  
*B60B 33/00* ( 2006.01 )  
 (87) WO2021/226487  
 (31) 63/021,823 (32) 08.05.20 (33) US  
 63/092,635 16.10.20 US  
 (43) 11.11.2021  
 (72) DOWDLE, Colin Andrew; DOWDLE, James Charles; CRUVER, Curtis Leroy; DERFINY, Stephen Andrew  
 (74) K&L Gates
- 
- (71) Dragonfly Therapeutics, Inc.  
 (11) AU-A-2021260960  
 (21) 2021260960 (22) 22.04.2021  
 (54) Formulation, dosage regimen, and manufacturing process for heterodimeric Fc-fused proteins  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61K 47/12* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61P 13/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/28* ( 2006.01 )  
 (87) WO2021/216916  
 (31) 63/013,834 (32) 22.04.20 (33) US  
 63/033,161 01.06.20 US  
 (43) 28.10.2021  
 (72) BIGELOW, Mitchell; BRAUN, Alexandra; CHEUNG, Ann F.; CUILLEROT, Jean-Marie; DEROSE, Mark; GRINBERG, Asya; GUTIERREZ, Eva; KIRBY, Patrick; MORGAN, Christopher Ryan; NAILL, Michael C.; O'NEIL, Steven; SHIFRIN, Michael; WAGTMANN, Nicolai  
 (74) AJ PARK
- 
- (71) Drexel University  
 (11) AU-A-2020439474  
 (21) 2020439474 (22) 23.10.2020  
 (54) Method of lightweight aggregates production from waste-coal combustion ash  
 (51) Int. Cl.  
*C04B 18/02* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
*C04B 14/24* ( 2006.01 )

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

**C04B 18/04** ( 2006.01 )  
**C04B 18/08** ( 2006.01 )  
**(87)** WO2021/201913  
**(31)** 63/004,032 **(32)** 02.04.20 **(33)** US  
**(43)** 07.10.2021  
**(72)** BALAPOUR, Mohammad; FARNAM, Yaghoob; HSUAN, Yick Grace  
**(74)** Griffith Hack

**(71)** DSM IP Assets B.V.  
**(11)** AU-A-2021279275  
**(21)** 2021279275 **(22)** 27.05.2021  
**(54)** Conveyor belt  
**(51)** Int. Cl.  
**C08L 67/00** ( 2006.01 )  
**(87)** WO2021/239918  
**(31)** 20177591.3 **(32)** 29.05.20 **(33)** EP  
**(43)** 02.12.2021  
**(72)** KOLKMAN, Ard; OOSTERLAKEN, Andreas Antonius  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Duogenic StemCells Corporation  
**(11)** AU-A-2021261147  
**(21)** 2021261147 **(22)** 19.04.2021  
**(54)** Modified macrophages, compositions and uses thereof  
**(51)** Int. Cl.  
**C12N 5/0786** ( 2010.01 )  
**(87)** WO2021/215410  
**(31)** 2020901243 **(32)** 20.04.20 **(33)** AU  
**(43)** 28.10.2021  
**(72)** SU, Hong-Lin; SHEN, Ching-I; WANG, Fu-Hui; HSIEH, Chia-Ying; KIYOKAWA Masataka  
**(74)** FB Rice Pty Ltd

**(71)** E.ON Sverige AB  
**(11)** AU-A-2021278273  
**(21)** 2021278273 **(22)** 25.05.2021  
**(54)** Controlling of a district thermal energy distribution system  
**(51)** Int. Cl.  
**F24D 10/00** ( 2006.01 )  
**F24D 19/10** ( 2006.01 )  
**(87)** WO2021/239681  
**(31)** 20176559.1 **(32)** 26.05.20 **(33)** EP  
**(43)** 02.12.2021  
**(72)** LINDOFF, Bengt; ROSÉN, Per; SKOGSTRÖM, Jacob; CARLSTRÖM, Helen  
**(74)** Michael Buck IP

**(71)** Eidgenössische Technische Hochschule Zürich  
**(11)** AU-A-2021256845  
**(21)** 2021256845 **(22)** 14.04.2021  
**(54)** Cell classifier circuits and methods of use thereof  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**(87)** WO2021/209813  
**(31)** 63/009,736 **(32)** 14.04.20 **(33)** US

**(43)** 21.10.2021  
**(72)** ANGELICI, Bartolomeo; BENENSON, Yaakov  
**(74)** Spruson & Ferguson

**(71)** ELECTRA Therapeutics, Inc.  
**(11)** AU-A-2021267943  
**(21)** 2021267943 **(22)** 10.05.2021  
**(54)** SIRP $\alpha$ , SIRP $\beta$ 1, and SIRP $\gamma$  antibodies and uses thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2021/226591  
**(31)** 63/022,309 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** PANICKER, Sandip; ROSENTHAL, Adam David; ROSE, Eileen, Lingshu  
**(74)** RNB IP PTY LTD

**(71)** ELECTRA Therapeutics, Inc.  
**(11)** AU-A-2021269130  
**(21)** 2021269130 **(22)** 10.05.2021  
**(54)** SIRP $\alpha$  and SIRP $\beta$ 1 antibodies and uses thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2021/226576  
**(31)** 63/022,309 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** PANICKER, Sandip; ROSENTHAL, Adam David; ROSE, Eileen Lingshu  
**(74)** RNB IP PTY LTD

**(71)** Elenium Automation Pty Ltd  
**(11)** AU-A-2021238499  
**(21)** 2021238499 **(22)** 17.03.2021  
**(54)** Self-service station having thermal imaging camera  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**A61B 5/1171** ( 2016.01 )  
**B64F 1/36** ( 2017.01 )  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2021/184071  
**(31)** 2020900817 **(32)** 17.03.20 **(33)** AU  
**(43)** 23.09.2021  
**(72)** OSBORNE, Nicholas Peter; HORNLI-MANN, Aaron Jason  
**(74)** FB Rice Pty Ltd

**(71)** Elenium Automation Pty Ltd  
**(11)** AU-A-2021242795  
**(21)** 2021242795 **(22)** 17.03.2021  
**(54)** Touch-free interaction with a self-service station in a transit environment  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**B64F 1/36** ( 2017.01 )  
**G02B 27/00** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06F 3/03** ( 2006.01 )  
**G06T 7/246** ( 2017.01 )  
**(87)** WO2021/189099  
**(31)** 2020900882 **(32)** 23.03.20 **(33)** AU

**(43)** 30.09.2021  
**(72)** HORNLI-MANN, Aaron Jason; OSBORNE, Nicolas Peter  
**(74)** FB Rice Pty Ltd

**(71)** Elfa International AB  
**(11)** AU-A-2021262677  
**(21)** 2021262677 **(22)** 29.04.2021  
**(54)** Hang standard and storage system including the hang standard  
**(51)** Int. Cl.  
**A47B 96/14** ( 2006.01 )  
**A47B 96/06** ( 2006.01 )  
**(87)** WO2021/221556  
**(31)** 2050499-9 **(32)** 30.04.20 **(33)** SE  
**(43)** 04.11.2021  
**(72)** NILSSON, Peter; RINGENHAG, Tobias  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Elfa International AB  
**(11)** AU-A-2021264326  
**(21)** 2021264326 **(22)** 29.04.2021  
**(54)** Suspension system comprising a rear rail arranged with flanges at least partially extending in different directions and a hangstandard arrangable thereto  
**(51)** Int. Cl.  
**A47B 96/14** ( 2006.01 )  
**A47B 96/06** ( 2006.01 )  
**(87)** WO2021/221555  
**(31)** 2050497-3 **(32)** 30.04.20 **(33)** SE  
 2051078-0 16.09.20 SE  
**(43)** 04.11.2021  
**(72)** NILSSON, Peter; RINGENHAG, Tobias  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Eli Lilly and Company  
**(11)** AU-A-2021263541  
**(21)** 2021263541 **(22)** 23.04.2021  
**(54)** Compounds useful for inhibiting RET kinase  
**(51)** Int. Cl.  
**C07D 413/12** ( 2006.01 )  
**A61K 31/422** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 231/40** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )

**(87)** WO2021/222017  
**(31)** 63/015,933 **(32)** 27.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** ANDERSON, Erin D.; ANDREWS, Steven W.; CONDROSKI, Kevin R.; IRVIN, Thomas C.; KOLAKOWSKI, Gabrielle R.; KUMAR, Manoj; MCFADDIN, Elizabeth A.; MCKENNEY, Megan L.; MUNCHHOF, Michael J.; WELCH, Michael B.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Eli Lilly and Company  
**(11)** AU-A-2021264421  
**(21)** 2021264421 **(22)** 23.04.2021  
**(54)** Compounds and methods targeting interleukin-34  
**(51)** Int. Cl.  
**A61P 25/28** ( 2006.01 )

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

**C07K 16/24** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2021/222025  
**(31)** 63/017,748 **(32)** 30.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** CHEDID, Marcio; OBUNGU, Victor H.;  
 SKORA, Andrew Dixon; YE, Ming  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Elysis Limited Partnership  
**(11)** AU-A-2021275450  
**(21)** 2021275450 **(22)** 30.04.2021  
**(54)** System and process for starting up an  
 electrolytic cell  
**(51)** Int. Cl.  
**C25C 7/06** ( 2006.01 )  
**C25C 3/08** ( 2006.01 )  
**(87)** WO2021/232147  
**(31)** 63/018,680 **(32)** 01.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** BARDET, Benoit; BECASSE, Sebas-  
 tien; D'ASTOLFO, Leroy; FORS, John;  
 NOIZET, Alain; PETITJEAN, Bruno  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Emoji ID, LLC  
**(11)** AU-A-2021216571  
**(21)** 2021216571 **(22)** 05.02.2021  
**(54)** Generating emoji sequence identifi-  
 cations to identify wallet addresses for  
 blockchain wallets  
**(51)** Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**(87)** WO2021/158953  
**(31)** 62/971,666 **(32)** 07.02.20 **(33)** US  
**(43)** 12.08.2021  
**(72)** JAIN, Naveen; SPAGNI, Riccardo  
**(74)** Argon IP Advisory Pty Ltd

**(71)** Endomagnetics Limited  
**(11)** AU-A-2021287353  
**(21)** 2021287353 **(22)** 18.05.2021  
**(54)** Systems and methods for detecting  
 magnetic markers for surgical guidance  
**(51)** Int. Cl.  
**A61B 90/00** ( 2016.01 )  
**(87)** WO2021/250485  
**(31)** 2008600.5 **(32)** 08.06.20 **(33)** GB  
**(43)** 16.12.2021  
**(72)** AGOSTINELLI, Tiziano; HATTERSLEY,  
 Simon Richard  
**(74)** FB Rice Pty Ltd

**(71)** ENEOS Corporation  
**(11)** AU-A-2021242475  
**(21)** 2021242475 **(22)** 24.03.2021  
**(54)** Hydrogen supply system  
**(51)** Int. Cl.  
**C01B 3/22** ( 2006.01 )  
**C01B 3/56** ( 2006.01 )  
**C07C 5/367** ( 2006.01 )  
**C07C 15/06** ( 2006.01 )  
**H01M 8/04** ( 2016.01 )  
**H01M 8/0606** ( 2016.01 )  
**H01M 8/0662** ( 2016.01 )  
**(87)** WO2021/193767  
**(31)** 2020-057610 **(32)** 27.03.20 **(33)** JP

**(43)** 30.09.2021  
**(72)** SEIKE, Tadashi; IKI, Hideshi; MAEDA,  
 Seiji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ENEOS Corporation  
**(11)** AU-A-2021246368  
**(21)** 2021246368 **(22)** 26.03.2021  
**(54)** Accommodation body and transporta-  
 tion method  
**(51)** Int. Cl.  
**F17C 11/00** ( 2006.01 )  
**C01B 3/26** ( 2006.01 )  
**F17C 13/00** ( 2006.01 )  
**(87)** WO2021/200672  
**(31)** 2020-060412 **(32)** 30.03.20 **(33)** JP  
**(43)** 07.10.2021  
**(72)** SEIKE Tadashi; IKI Hideshi; MAEDA  
 Seiji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ENEOS Corporation  
**(11)** AU-A-2021247791  
**(21)** 2021247791 **(22)** 26.03.2021  
**(54)** Hydrogen supply system  
**(51)** Int. Cl.  
**C01B 3/24** ( 2006.01 )  
**C01B 3/56** ( 2006.01 )  
**C07C 5/367** ( 2006.01 )  
**C07C 15/06** ( 2006.01 )  
**H01M 8/0612** ( 2016.01 )  
**(87)** WO2021/200665  
**(31)** 2020-062504 **(32)** 31.03.20 **(33)** JP  
**(43)** 07.10.2021  
**(72)** SEIKE Tadashi; IKI Hideshi; MAEDA  
 Seiji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ENEOS Corporation  
**(11)** AU-A-2021247874  
**(21)** 2021247874 **(22)** 26.03.2021  
**(54)** Operation management system  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**B65G 61/00** ( 2006.01 )  
**C01B 3/26** ( 2006.01 )  
**(87)** WO2021/200726  
**(31)** 2020-060410 **(32)** 30.03.20 **(33)** JP  
**(43)** 07.10.2021  
**(72)** SEIKE Tadashi; IKI Hideshi; MAEDA  
 Seiji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ENEOS Corporation  
**(11)** AU-A-2021247882  
**(21)** 2021247882 **(22)** 26.03.2021  
**(54)** Hydrogen supply system  
**(51)** Int. Cl.  
**C01B 3/02** ( 2006.01 )  
**C01B 3/26** ( 2006.01 )  
**(87)** WO2021/200674  
**(31)** 2020-060427 **(32)** 30.03.20 **(33)** JP  
**(43)** 07.10.2021  
**(72)** SEIKE Tadashi; IKI Hideshi; MAEDA  
 Seiji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ERO GmbH  
**(11)** AU-A-2020439845  
**(21)** 2020439845 **(22)** 03.04.2020  
**(54)** Defoliating device  
**(51)** Int. Cl.  
**A01G 17/02** ( 2006.01 )  
**(87)** WO2021/197525  
**(43)** 07.10.2021  
**(72)** RETZMANN, Jonas; HENN, Dominik  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2020448904  
**(21)** 2020448904 **(22)** 20.05.2020  
**(54)** An adaptor assembly for a fluid dis-  
 pensing system  
**(51)** Int. Cl.  
**A47K 5/12** ( 2006.01 )  
**(87)** WO2021/233547  
**(43)** 25.11.2021  
**(72)** CRISMANN, Sebastiano; HODOSSY,  
 Sofia; WALHEIM, Karl; OLSSON, Joel  
**(74)** Griffith Hack

**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2020448906  
**(21)** 2020448906 **(22)** 17.06.2020  
**(54)** An adaptor assembly for a fluid dis-  
 pensing system  
**(51)** Int. Cl.  
**A47K 5/12** ( 2006.01 )  
**(87)** WO2021/233557  
**(31)** PCT/ **(32)** 20.05.20 **(33)** EP  
 EP2020/064199  
**(43)** 25.11.2021  
**(72)** CRISMANN, Sebastiano; HODOSSY,  
 Sofia; WALHEIM, Karl; OLSSON, Joel  
**(74)** Griffith Hack

**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2020454685  
**(21)** 2020454685 **(22)** 22.06.2020  
**(54)** Overload protection for a lock structure  
**(51)** Int. Cl.  
**A47K 10/32** ( 2006.01 )  
**A47K 5/06** ( 2006.01 )  
**E05B 17/00** ( 2006.01 )  
**E05B 17/04** ( 2006.01 )  
**(87)** WO2021/262047  
**(43)** 30.12.2021  
**(72)** HENSON, Mark W.; MÖLLER, Per;  
 WALHEIM, Karl  
**(74)** Griffith Hack

**(71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-A-2020454858  
**(21)** 2020454858 **(22)** 22.06.2020  
**(54)** Dispenser with electronic lock  
**(51)** Int. Cl.  
**E05B 47/06** ( 2006.01 )  
**A47K 5/06** ( 2006.01 )  
**A47K 10/32** ( 2006.01 )  
**E05B 1/00** ( 2006.01 )  
**E05B 47/00** ( 2006.01 )  
**(87)** WO2021/262048



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

- (43) 30.12.2021  
 (72) KLING, Robert; KÄLLGREN, Antonio; HENSON, Mark W.  
 (74) Griffith Hack
- 
- (71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2021282926  
 (21) 2021282926 (22) 01.06.2021  
 (54) A method for consolidating a fibrous material with a bio-based binder polymer, a consolidated fibrous material and an aqueous binder solution  
 (51) Int. Cl.  
*D04H 1/64* ( 2012.01 )  
*C09J 101/08* ( 2006.01 )  
*D04H 1/58* ( 2012.01 )  
*D04H 3/12* ( 2006.01 )  
*D06M 13/184* ( 2006.01 )  
*D21H 17/14* ( 2006.01 )  
*D21H 17/26* ( 2006.01 )  
 (87) WO2021/246940  
 (31) PCT/ (32) 04.06.20 (33) SE SE2020/050564  
 (43) 09.12.2021  
 (72) NODBRANDT, Andrea; NIHLSTRAND, Anna; HAGBERG, Daniel; WISS, Véronique  
 (74) Griffith Hack
- 
- (71) ETH Zürich; Neustark AG  
 (11) AU-A-2021269833  
 (21) 2021269833 (22) 12.05.2021  
 (54) Method and system for processing concrete granules  
 (51) Int. Cl.  
*B28B 11/24* ( 2006.01 )  
*B28C 7/00* ( 2006.01 )  
*C04B 18/16* ( 2006.01 )  
 (87) WO2021/228979  
 (31) 20174964.5 (32) 15.05.20 (33) EP  
 (43) 18.11.2021  
 (72) GUTKNECHT, Valentin; MAZZOTTI, Marco; TIEFENTHALER, Johannes  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Evoqua Water Technologies LLC  
 (11) AU-A-2021244466  
 (21) 2021244466 (22) 23.03.2021  
 (54) Ion exchange membrane composition and methods for the concentration of perfluoroalkyl substances  
 (51) Int. Cl.  
*C08F 212/14* ( 2006.01 )  
*C08F 222/20* ( 2006.01 )  
*C08F 222/38* ( 2006.01 )  
 (87) WO2021/195134  
 (31) 62/993,250 (32) 23.03.20 (33) US  
 (43) 30.09.2021  
 (72) DUKES, Simon P.; CHEN, Yang; HADJIKYRIACOU, Savvas; GU, George  
 (74) Spruson & Ferguson
- 
- (71) Expensify, Inc.  
 (11) AU-A-2021241610  
 (21) 2021241610 (22) 24.03.2021  
 (54) Voice interactive system
- (51) Int. Cl.  
*H04B 5/00* ( 2006.01 )  
*H04R 1/00* ( 2006.01 )  
*H04W 4/80* ( 2018.01 )  
*H04W 88/06* ( 2009.01 )  
 (87) WO2021/195181  
 (31) 63/000,372 (32) 26.03.20 (33) US 17/208,154 22.03.21 US  
 (43) 30.09.2021  
 (72) BARRETT, David M.; CHEN, Robert  
 (74) RnB IP Pty Ltd
- 
- (71) Extrakt Process Solutions, LLC  
 (11) AU-A-2021253594  
 (21) 2021253594 (22) 09.04.2021  
 (54) Water management system for ore mining operation  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06Q 50/02* ( 2012.01 )  
 (87) WO2021/207564  
 (31) 63/007,548 (32) 09.04.20 (33) US  
 (43) 14.10.2021  
 (72) PAINTER, Paul C.; MILLER, Bruce G.; LUPINSKY, Aron  
 (74) FB Rice Pty Ltd
- 
- (71) F.Hoffmann-La Roche AG; Institut Pasteur  
 (11) AU-A-2021288916  
 (21) 2021288916 (22) 08.06.2021  
 (54) Anti-HBV antibodies and methods of use  
 (51) Int. Cl.  
*A61P 31/00* ( 2006.01 )  
*C07K 16/06* ( 2006.01 )  
*C07K 16/08* ( 2006.01 )  
 (87) WO2021/249990  
 (31) 20305612.2 (32) 08.06.20 (33) EP  
 (43) 16.12.2021  
 (72) BOURGINE, Maryline; BERETTA, Maxime; MOUQUET, Hugo; HEHLE, Verena; POL, Stanislas; STRICK-MARCHAND, Hélène; AIT-GOUGHOUULTE, Malika; PELLETIER, Nadège; FISCHER, Jens; GEORGES, Guy; SCHLOTHAUER, Tilman; VAN PUIJENBROEK, Erwin; DRIESSEN, Wouter  
 (74) Griffith Hack
- 
- (71) F. Hoffmann-La Roche AG  
 (11) AU-A-2021295549  
 (21) 2021295549 (22) 22.06.2021  
 (54) Agonistic CD28 antigen binding molecules targeting Her2  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
 (87) WO2021/259890  
 (31) 20181730.1 (32) 23.06.20 (33) EP  
 (43) 30.12.2021  
 (72) GASSER, Stephan; HOFER, Thomas; JUNTILLA, Teemu Tapani; KLEIN, Christian; KUETTEL, Christine; THOM, Jenny Tosca; UMAÑA, Pablo  
 (74) Griffith Hack
- 
- (71) F. Hoffmann-La Roche AG  
 (11) AU-A-2021306628  
 (21) 2021306628 (22) 07.07.2021  
 (54) Process for the preparation of oligonucleotides using modified oxidation protocol  
 (51) Int. Cl.  
*C07H 1/00* ( 2006.01 )  
*C07H 21/00* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
*G01N 27/00* ( 2006.01 )  
 (87) WO2022/008594  
 (31) 20184839.7 (32) 09.07.20 (33) EP  
 (43) 13.01.2022  
 (72) FETTES, Alec; GEISER, Achim; JAITZ, Leonhard  
 (74) Griffith Hack
- 
- (71) Figene, LLC  
 (11) AU-A-2021262835  
 (21) 2021262835 (22) 30.04.2021  
 (54) Immunotherapeutic methods and compositions for targeting cancer fibroblasts  
 (51) Int. Cl.  
*A61K 35/17* ( 2015.01 )  
*A61K 35/12* ( 2015.01 )  
*A61K 35/33* ( 2015.01 )  
*A61K 39/00* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )  
 (87) WO2021/222943  
 (31) 63/017,918 (32) 30.04.20 (33) US  
 (43) 04.11.2021  
 (72) ICHIM, Thomas  
 (74) FB Rice Pty Ltd
- 
- (71) FineTech Minerals Proprietary Limited  
 (11) AU-A-2021267200  
 (21) 2021267200 (22) 03.05.2021  
 (54) Apparatus, method and process for the recovery of minerals  
 (51) Int. Cl.  
*B03B 5/62* ( 2006.01 )  
*B03B 7/00* ( 2006.01 )  
*B03B 9/00* ( 2006.01 )  
*B03B 11/00* ( 2006.01 )  
 (87) WO2021/224758  
 (31) 2020/01957 (32) 04.05.20 (33) ZA  
 (43) 11.11.2021  
 (72) NIEMOLLER, Rudy  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Flagship Pioneering, Inc.  
 (11) AU-A-2021258193  
 (21) 2021258193 (22) 21.04.2021  
 (54) Bifunctional molecules and methods of using thereof  
 (51) Int. Cl.  
*A61K 31/7105* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
*C12N 15/10* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
 (87) WO2021/216785  
 (31) 63/013,462 (32) 21.04.20 (33) US 63/139,916 21.01.21 US

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

- (43) 28.10.2021  
 (72) STEBBINS, Nathan Wilson; PORTNEY, Benjamin Andrew; VALEUR, Eric Bruno; RUBENS, Jacob Rosenblum; DANESHVAR, Kaveh; SNEIDER, Alexandra Rachael; GUTTMAN, Mitchell  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) Flagship Pioneering, Inc.  
 (11) AU-A-2021260934  
 (21) 2021260934 (22) 21.04.2021  
 (54) Bifunctional molecules and methods of using thereof  
 (51) Int. Cl.  
*A61K 31/7105* (2006.01 )  
*A61K 48/00* (2006.01 )  
*C07H 21/02* (2006.01 )  
*C12N 15/10* (2006.01 )  
*C12N 15/11* (2006.01 )  
*C12N 15/113* (2010.01 )  
 (87) WO2021/216786  
 (31) 63/013,462 (32) 21.04.20 (33) US  
 63/139,916 21.01.21 US
- (43) 28.10.2021  
 (72) STEBBINS, Nathan Wilson; PORTNEY, Benjamin Andrew; VALEUR, Eric Bruno; RUBENS, Jacob Rosenblum; DANESHVAR, Kaveh; SNEIDER, Alexandra Rachael  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) Formycon AG  
 (11) AU-A-2021275499  
 (21) 2021275499 (22) 21.05.2021  
 (54) ACE2-Fc fusion proteins and uses thereof  
 (51) Int. Cl.  
*A61P 31/14* (2006.01 )  
*A61K 38/48* (2006.01 )  
*A61P 9/12* (2006.01 )  
*A61P 11/00* (2006.01 )  
*A61P 13/12* (2006.01 )  
*C12N 9/48* (2006.01 )  
 (87) WO2021/234160  
 (31) 20176139.2 (32) 22.05.20 (33) EP  
 20204774.2 29.10.20 EP  
 20210297.6 27.11.20 EP  
 21164684.9 24.03.21 EP  
 21170519.9 26.04.21 EP
- (43) 25.11.2021  
 (72) REITER, Alwin; BROCKMEYER, Carsten; WOLSCHIN, Florian  
 (74) Spruson & Ferguson
- 
- (71) FP BUSINESS INVEST  
 (11) AU-A-2021279293  
 (21) 2021279293 (22) 29.05.2021  
 (54) Cable conveyor belt junction device provided with cable locking elements  
 (51) Int. Cl.  
*F16G 11/04* (2006.01 )  
*F16G 3/08* (2006.01 )  
*F16G 3/10* (2006.01 )  
*F16G 11/06* (2006.01 )  
 (87) WO2021/240008  
 (31) 2005721 (32) 29.05.20 (33) FR
- (43) 02.12.2021  
 (72) TAVERNIER, Bernard; GUILLEMET, Frédéric  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Fred, T.; Fields, J.  
 (11) AU-A-2021265107  
 (21) 2021265107 (22) 28.04.2021  
 (54) Systems and methods for augmented-or virtual reality-based decision-making simulation  
 (51) Int. Cl.  
*G06F 3/01* (2006.01 )  
*G06F 3/14* (2006.01 )  
*G06F 3/147* (2006.01 )  
*G06K 9/00* (2006.01 )  
*G06T 19/00* (2011.01 )  
 (87) WO2021/222344  
 (31) 63/017,859 (32) 30.04.20 (33) US  
 (43) 04.11.2021  
 (72) FRED, Tanner; FIELDS, Joseph  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Freenome Holdings, Inc.  
 (11) AU-A-2021263680  
 (21) 2021263680 (22) 27.04.2021  
 (54) RNA markers and methods for identifying colon cell proliferative disorders  
 (51) Int. Cl.  
*C12N 15/09* (2006.01 )  
*C12N 15/11* (2006.01 )  
*C12N 15/113* (2010.01 )  
*C12Q 1/68* (2018.01 )  
*C12Q 1/6883* (2018.01 )  
*C12Q 1/6886* (2018.01 )  
 (87) WO2021/222220  
 (31) 63/017,552 (32) 29.04.20 (33) US  
 63/024,875 14.05.20 US  
 (43) 04.11.2021  
 (72) ARMSTRONG, Frances; MAHAJAN, Shivani; HARVEY, Adam; TEWARI, Aneesha; WEINBERG, David; EATON, Jesse  
 (74) FB Rice Pty Ltd
- 
- (71) Fronius International GmbH  
 (11) AU-A-2022225469  
 (21) 2022225469 (22) 18.01.2022  
 (54) Fixing apparatus  
 (51) Int. Cl.  
*H02G 3/08* (2006.01 )  
*F16L 3/00* (2006.01 )  
*F16L 1/00* (2006.01 )  
*F16L 5/00* (2006.01 )  
*F16L 33/03* (2006.01 )  
*H02G 3/22* (2006.01 )  
*H02G 15/013* (2006.01 )  
*H05K 5/02* (2006.01 )  
*H05K 5/06* (2006.01 )  
 (87) WO2022/179768  
 (31) 21158877.7 (32) 24.02.21 (33) EP  
 (43) 01.09.2022  
 (72) HUEMER, Bernhard; GRAF, Juergen; WIESINGER, Manfred  
 (74) Halfords IP
- 
- (71) Fujitsu General Limited  
 (11) AU-A-2021248176  
 (21) 2021248176 (22) 30.03.2021  
 (54) Air conditioning system  
 (51) Int. Cl.  
*H04Q 9/00* (2006.01 )  
*F24F 11/56* (2018.01 )  
*F24F 11/58* (2018.01 )  
 (87) WO2021/201058  
 (31) 2020-065234 (32) 31.03.20 (33) JP  
 (43) 07.10.2021  
 (72) MORITA, Sumie; UMEMOTO, Takeshi; NAKAJIMA, Tamotsu; TOMITA, Masanori  
 (74) Spruson & Ferguson
- 
- (71) Fusion Pharmaceuticals Inc.  
 (11) AU-A-2021244464  
 (21) 2021244464 (22) 23.03.2021  
 (54) FGFR3-targeted radioimmunoconjugates and uses thereof  
 (51) Int. Cl.  
*A61K 51/04* (2006.01 )  
*A61K 39/395* (2006.01 )  
*G01N 33/574* (2006.01 )  
 (87) WO2021/195131  
 (31) 62/993,622 (32) 23.03.20 (33) US  
 (43) 30.09.2021  
 (72) SCHWABISH, Marc; GRINSHTEIN, Natalie; BURAK, Eric Steven  
 (74) Spruson & Ferguson
- 
- (71) GD Midea Air-Conditioning Equipment Co., Ltd.  
 (11) AU-A-2020440785  
 (21) 2020440785 (22) 17.11.2020  
 (54) Fresh air module and air conditioner  
 (51) Int. Cl.  
*F24F 1/0073* (2019.01 )  
*F24F 1/0035* (2019.01 )  
*F24F 13/24* (2006.01 )  
 (87) WO2021/196635  
 (31) 202010241374.8 (32) 30.03.20 (33) CN  
 (43) 07.10.2021  
 (72) ZHOU, Yuanle  
 (74) WRAYS PTY LTD
- 
- (71) Gencellmed Inc.  
 (11) AU-A-2021287122  
 (21) 2021287122 (22) 19.02.2021  
 (54) Recombinant Herpes Simplex Virus comprising glycoprotein GH that has been modified for retargeting, and use thereof  
 (51) Int. Cl.  
*C12N 7/00* (2006.01 )  
*C07K 16/32* (2006.01 )  
 (87) WO2021/251588  
 (31) 10-2020-0072979 (32) 16.06.20 (33) KR  
 10-2020-0071873 12.06.20 KR  
 (43) 16.12.2021  
 (72) KWON, Heechung; BAEK, Hyunjung; JOO, Hyun Yoo  
 (74) FB Rice Pty Ltd
- 
- (71) Gencellmed Inc.  
 (11) AU-A-2021287536

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

- (21) 2021287536 (22) 19.02.2021  
 (54) Multi-targeting recombinant herpes simplex viruses and use thereof  
 (51) Int. Cl.  
*C12N 7/00* ( 2006.01 )  
*A61K 35/763* ( 2015.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (87) WO2021/251589  
 (31) 10-2020-0072979 (32) 16.06.20 (33) KR  
 10-2020-0071873 12.06.20 KR  
 (43) 16.12.2021  
 (72) KWON, Heechung; BAEK, Hyunjung; JOO, Hyun Yoo  
 (74) FB Rice Pty Ltd
- 
- (71) Generation Bio Co.  
 (11) AU-A-2021244555  
 (21) 2021244555 (22) 24.03.2021  
 (54) Non-viral dna vectors and uses thereof for expressing factor ix therapeutics  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*C07K 14/745* ( 2006.01 )  
 (87) WO2021/195214  
 (31) 62/993,857 (32) 24.03.20 (33) US  
 (43) 30.09.2021  
 (72) KERR, Douglas, Anthony; SAMAYOA, Phillip; SILVER, Nathaniel; AGUIRRE, Sebastian; KLATTE, Debra; PASACKOW, Eli Hertzell  
 (74) Griffith Hack
- 
- (71) Genexine, Inc.; MSD International GmbH  
 (11) AU-A-2021261676  
 (21) 2021261676 (22) 26.04.2021  
 (54) Method for treating cervical cancer  
 (51) Int. Cl.  
*A61K 39/12* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2021/215896  
 (31) 63/015,076 (32) 24.04.20 (33) US  
 (43) 28.10.2021  
 (72) SUNG, Young Chul; WOO, Jung Won; PARK, Jong Sup; YOON, Jin Won  
 (74) Spruson & Ferguson
- 
- (71) Genfit  
 (11) AU-A-2021275381  
 (21) 2021275381 (22) 18.05.2021  
 (54) Elafibranor for the treatment of primary sclerosing cholangitis  
 (51) Int. Cl.  
*A61K 31/131* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
 (87) WO2021/233874  
 (31) 20305513.2 (32) 18.05.20 (33) EP  
 (43) 25.11.2021  
 (72) ROUDOT, Alice  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Genmab A/S  
 (11) AU-A-2021267402
- (21) 2021267402 (22) 07.05.2021  
 (54) Bispecific antibodies against CD3 and CD20  
 (51) Int. Cl.  
*A61K 31/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (87) WO2021/224499  
 (31) 63/022,212 (32) 08.05.20 (33) US  
 63/078,667 15.09.20 US  
 63/121,690 04.12.20 US  
 (43) 11.11.2021  
 (72) AHMADI, Tahamtan; GUPTA, Manish; LI, Tommy R.; OLIVIERI, Roberto; DEMARCO, Dena; HIEMSTRA, Ida; CHIU, Christopher; ELLIOT, Brian; AZARYAN, Ada  
 (74) Griffith Hack
- 
- (71) Georgia Tech Research Corporation  
 (11) AU-A-2021259459  
 (21) 2021259459 (22) 21.04.2021  
 (54) Systems and methods for the control of multiple degrees-of-freedom bending and the bending length of a coaxially aligned robotically steerable guidewire  
 (51) Int. Cl.  
*A61M 25/09* ( 2006.01 )  
*A61B 34/00* ( 2016.01 )  
*A61B 34/30* ( 2016.01 )  
*A61B 34/32* ( 2016.01 )  
*A61B 34/35* ( 2016.01 )  
*A61M 25/01* ( 2006.01 )  
 (87) WO2021/216782  
 (31) 63/013,425 (32) 21.04.20 (33) US  
 (43) 28.10.2021  
 (72) DESAI, Jaydev P.; CHITALIA, Yash Chetan; JEONG, Seokhwan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Gilbert, P.  
 (11) AU-A-2021260929  
 (21) 2021260929 (22) 21.04.2021  
 (54) Fluid characteristic indicator  
 (51) Int. Cl.  
*G01N 33/50* ( 2006.01 )  
 (87) WO2021/216761  
 (31) 63/013,990 (32) 22.04.20 (33) US  
 (43) 28.10.2021  
 (72) GILBERT, Paul  
 (74) RnB IP Pty Ltd
- 
- (71) Good News Medical Co., Ltd.  
 (11) AU-A-2020448813  
 (21) 2020448813 (22) 10.11.2020  
 (54) Device for mitigating sleeping respiratory obstruction  
 (51) Int. Cl.  
*A61F 5/56* ( 2006.01 )  
 (87) WO2021/232701  
 (31) 202010434944.5 (32) 21.05.20 (33) CN  
 202010557839.0 18.06.20 CN  
 202010689937.X 17.07.20 CN  
 202010860414.7 25.08.20 CN  
 202011054578.7 30.09.20 CN
- 
- (71) HaemaLogiX Ltd  
 (11) AU-A-2021244846  
 (21) 2021244846 (22) 26.03.2021  
 (54) Composition and method  
 (51) Int. Cl.  
*C07K 1/22* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 1/18* ( 2006.01 )  
*C07K 1/34* ( 2006.01 )  
*C07K 1/36* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
 (87) WO2021/191684  
 (31) 63/200,752 (32) 25.03.21 (33) US  
 2020900948 27.03.20 AU  
 (43) 30.09.2021  
 (72) DUNN, Rosanne; ALAHARI, Arunakumar  
 (74) FB Rice Pty Ltd
- 
- (71) Haier Smart Home Co., Ltd.; Qingdao Haier Refrigerator Co., Ltd; Haier US Appliance Solutions, Inc.  
 (11) AU-A-2021260292  
 (21) 2021260292 (22) 12.04.2021  
 (54) Heat radiation assembly of linear compressor  
 (51) Int. Cl.  
*F04C 29/02* ( 2006.01 )  
*F04B 39/02* ( 2006.01 )  
 (87) WO2021/213196  
 (31) 16/855,237 (32) 22.04.20 (33) US  
 (43) 28.10.2021  
 (72) HAHN, Gregory William  
 (74) Madderns Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020455765  
 (21) 2020455765 (22) 29.06.2020  
 (54) Expandable liner hanger with post-setting fluid flow path  
 (51) Int. Cl.

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

- E21B 43/10** ( 2006.01 )  
**E21B 23/01** ( 2006.01 )  
**E21B 34/14** ( 2006.01 )  
**E21B 43/26** ( 2006.01 )  
**(87)** WO2022/005445  
**(31)** 16/914,918 **(32)** 29.06.20 **(33)** US  
**(43)** 06.01.2022  
**(72)** NEWTON, Daniel Craig; MURDOCH, Robert Ross  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** HCW Biologics, Inc.  
**(11)** AU-A-2021262794  
**(21)** 2021262794 **(22)** 29.04.2021  
**(54)** Anti-CD26 proteins and uses thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2021/222587  
**(31)** 63/017,467 **(32)** 29.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** WONG, Hing C.; LIU, Bai; KONG, Lin; ZHU, Xiaoyun; SPANOUDIS, Catherine  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Hollister Incorporated  
**(11)** AU-A-2021265834  
**(21)** 2021265834 **(22)** 29.04.2021  
**(54)** Medical device products including liquid-drawing members  
**(51)** Int. Cl.  
**A61M 25/00** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**(87)** WO2021/222642  
**(31)** 63/018,730 **(32)** 01.05.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** FARRELL, David J.  
**(74)** Spruson & Ferguson
- 
- (71)** Honeywell International Inc.  
**(11)** AU-A-2021263529  
**(21)** 2021263529 **(22)** 21.04.2021  
**(54)** Burner system and process for natural gas production  
**(51)** Int. Cl.  
**F23C 3/00** ( 2006.01 )  
**(87)** WO2021/221975  
**(31)** 63/017,989 **(32)** 30.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** WHYMAN, William J.; ARNOLD, Kenny  
**(74)** Patent Attorney Services
- 
- (71)** Hubei Institute of Aerospace Chemical Technology  
**(11)** AU-A-2020452200  
**(21)** 2020452200 **(22)** 13.10.2020  
**(54)** Temperature-sensing self-starting gas source device  
**(51)** Int. Cl.  
**A62C 37/14** ( 2006.01 )  
**A62C 5/00** ( 2006.01 )  
**A62C 37/10** ( 2006.01 )  
**(87)** WO2021/248760  
**(31)** 202010523118.8 **(32)** 10.06.20 **(33)** CN
- 
- (43)** 16.12.2021  
**(72)** LU, Ruihua; GUO, Chunliang; QIN, Peiwen; ZHANG, Quanxue; YAN, Lifan; HUANG, Changlong  
**(74)** A.P.T. Patent and Trade Mark Attorneys
- 
- (71)** Huma Therapeutics Limited  
**(11)** AU-A-2021265241  
**(21)** 2021265241 **(22)** 30.04.2021  
**(54)** Monitoring device  
**(51)** Int. Cl.  
**G16H 50/30** ( 2018.01 )  
**G06K 9/00** ( 2006.01 )  
**(87)** WO2021/220017  
**(31)** 2006410.1 **(32)** 30.04.20 **(33)** GB  
**(43)** 04.11.2021  
**(72)** ARAL, Mert; VAHDAT, Danooosh; NIKBAKHTIAN, Shahram  
**(74)** RnB IP Pty Ltd
- 
- (71)** ImmuNext, Inc.  
**(11)** AU-A-2021261386  
**(21)** 2021261386 **(22)** 22.04.2021  
**(54)** Anti-human vista antibodies and use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2021/216913  
**(31)** 63/013,878 **(32)** 22.04.20 **(33)** US  
 63/013,887 22.04.20 US  
 63/134,811 07.01.21 US  
 63/138,958 19.01.21 US  
**(43)** 28.10.2021  
**(72)** ROTHSTEIN, Jay; BELL, Kierstin; CARRIERE, Catherine; MOLLOY, Michael; KUTA, Anna; SCHWERTNER, Nicholas; DAY, Maria; HUANG, Xin; PECHENICK, Dov; KLINE, Toni; RAJANNA, Shibhani; GUO, Yalin; WANG, Yingcai (Ian); ZHOU, Jieyu; SEREGIN, Sergey; CLARK, Erin; MEIMETIS, Labros; MEDINA, Julio; SUN, Sheng; KOVAL, Alexander; THUMMANAPELLI, Sravan; BORKIN, Dmitry; LORIYA, Rajeshkumar Maganlal  
**(74)** FB Rice Pty Ltd
- 
- (71)** Indapta Therapeutics, Inc.  
**(11)** AU-A-2021258194  
**(21)** 2021258194 **(22)** 21.04.2021  
**(54)** Natural killer (NK) cell compositions and methods for generating same  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**(87)** WO2021/216790  
**(31)** 63/014,056 **(32)** 22.04.20 **(33)** US  
**(43)** 28.10.2021  
**(72)** BIGLEY, Austin; DIPIERRO, Guy  
**(74)** Davies Collision Cave Pty Ltd
- 
- (71)** Inolex Investment Corporation  
**(11)** AU-A-2021277402  
**(21)** 2021277402 **(22)** 24.05.2021
- 
- (54)** Biobased alkyl glyceryl ethers and methods of making and using the same  
**(51)** Int. Cl.  
**A01N 31/02** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**(87)** WO2021/237207  
**(31)** 63/029,281 **(32)** 22.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** BURGO, Rocco V.; FEVOLA, Michael J.; LORD, Lindsay; ZHANG, Zongyu  
**(74)** Spruson & Ferguson
- 
- (71)** Inscripta, Inc.  
**(11)** AU-A-2021259872  
**(21)** 2021259872 **(22)** 24.04.2021  
**(54)** Compositions, methods, systems for automated nucleic acid-guided nuclease editing in mammalian cells using microcarriers  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 1/36** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**(87)** WO2021/217106  
**(31)** 63/014,944 **(32)** 24.04.20 **(33)** US  
 63/092,499 15.10.20 US  
**(43)** 28.10.2021  
**(72)** BELGRADER, Phillip; BADE, Nathan; SILTANEN, Christian; MIR, Aamir; CHEN, Xi-Jun; MOK, Janine; DURA, Burak; CHABANSKY, Bruce; STUMBO, David; SMITH, Eric; BERNATE, Jorge  
**(74)** FB Rice Pty Ltd
- 
- (71)** International Business Machines Corporation  
**(11)** AU-A-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  
**(72)** GAVRILOV, Constantine; KOREN, Eli  
**(74)** Spruson & Ferguson
- 
- (71)** International Business Machines Corporation  
**(11)** AU-A-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  
**(72)** TACKABURY, Wayne Francis; DOS SANTOS SILVA, Bruno  
**(74)** Spruson & Ferguson

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

- (71) International Business Machines Corporation  
 (11) AU-A-2021291163  
 (21) 2021291163 (22) 04.06.2021  
 (54) Sloped epitaxy buried contact  
 (51) Int. Cl.  
**H01L 27/088** ( 2006.01 )  
 (87) WO2021/255570  
 (31) 16/905,626 (32) 18.06.20 (33) US  
 (43) 23.12.2021  
 (72) LI, Tao; KANG, Tsung-Sheng; XIE, Ruilong; REZNICEK, Alexander; GLUSCHENKOV, Oleg  
 (74) Spruson & Ferguson
- 
- (71) Jiangsu Kingfa Sci. & Tech. Advanced Materials Co., Ltd.  
 (11) AU-A-2021415772  
 (21) 2021415772 (22) 23.09.2021  
 (54) Semi-aromatic polyester, and preparation method therefor and application thereof  
 (51) Int. Cl.  
**C08G 63/91** ( 2006.01 )  
**C08G 63/20** ( 2006.01 )  
 (87) WO2022/142512  
 (31) 202011615724.9 (32) 31.12.20 (33) CN  
 (43) 07.07.2022  
 (72) ZHANG, Chuanhui; HUANG, Xianbo; YE, Nanbiao; ZENG, Xiangbin; LU, Changli; CAI, Tongmin  
 (74) Madderns Pty Ltd
- 
- (71) Jiangsu Nwha Pharmaceutical Co., Ltd.  
 (11) AU-A-2021262281  
 (21) 2021262281 (22) 25.04.2021  
 (54) 1,5-dihydro-2,4-benzodiazepine-3-one derivative and application thereof  
 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**C07D 243/04** ( 2006.01 )  
**C07D 243/10** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
 (87) WO2021/218863  
 (31) 202110288141.8 (32) 17.03.21 (33) CN  
 202010330893.1 26.04.20 CN  
 (43) 04.11.2021  
 (72) XU, Xiangqing; QIU, Yinli; GUO, Qiang; YU, Minquan; ZHAO, Song; LI, Quxiang; JING, Peng; HOU, Yuanyuan; DONG, Yingying; WU, Guosheng; ZHANG, Shuang; LU, Aijun  
 (74) WRAYS PTY LTD
- 
- (71) Joint Stock Company "BIOCAD"  
 (11) AU-A-2020351560  
 (21) 2020351560 (22) 20.09.2020  
 (54) Immunocytokine comprising heterodimeric protein complex based on IL-15/IL-15R $\alpha$   
 (51) Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 14/715** ( 2006.01 )
- 
- (71) Kansas Soybean Commission  
 (11) AU-A-2021262719  
 (21) 2021262719 (22) 23.04.2021  
 (54) Polyethylene glycol-functionalized triglyceride polyol polymers  
 (51) Int. Cl.  
**A61K 47/10** ( 2017.01 )  
**A61K 8/37** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
 (87) WO2021/222006  
 (31) 63/017,873 (32) 30.04.20 (33) US  
 (43) 04.11.2021  
 (72) SANTRA, Santimukul  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kao Corporation  
 (11) AU-A-2021265114  
 (21) 2021265114 (22) 28.04.2021  
 (54) Self-tanning compositions containing an aromatic sulfonate and methods thereof  
 (51) Int. Cl.  
**C07D 239/30** ( 2006.01 )  
**C07D 251/44** ( 2006.01 )  
**C14C 3/26** ( 2006.01 )  
 (87) WO2021/222365  
 (31) 63/017,037 (32) 29.04.20 (33) US  
 (43) 04.11.2021  
 (72) CORDEIRO, Jordan; MEISER, Emily; SHIMADA, Aki; AOSAKI, Taisuke  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-A-2021245915  
 (21) 2021245915 (22) 31.03.2021  
 (54) Zoned and/or layered substrates and method and apparatus for producing the same  
 (51) Int. Cl.  
**A61F 13/532** ( 2006.01 )  
**A61F 13/535** ( 2006.01 )  
**D04H 1/541** ( 2012.01 )  
 (87) WO2021/202640  
 (31) 63/002,570 (32) 31.03.20 (33) US  
 (43) 07.10.2021  
 (72) QIN, Jian; RANGANATHAN, Sridhar; ABUTO, Francis; KAUL, Vikram  
 (74) Spruson & Ferguson
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-A-2021246484  
 (21) 2021246484 (22) 31.03.2021  
 (54) Method and apparatus for producing a zoned and/or layered substrate  
 (51) Int. Cl.  
**D04H 1/736** ( 2012.01 )  
**A61F 13/532** ( 2006.01 )  
**A61F 13/535** ( 2006.01 )  
**D21F 1/02** ( 2006.01 )  
**D21F 1/04** ( 2006.01 )  
**D21F 9/00** ( 2006.01 )  
**D21F 11/00** ( 2006.01 )  
 (87) WO2021/202637  
 (31) 63/002,570 (32) 31.03.20 (33) US  
 (43) 07.10.2021  
 (72) QIN, Jian; RANGANATHAN, Sridhar; ABUTO, Francis; KAUL, Vikram  
 (74) Spruson & Ferguson
- 
- (71) Kyocera Corporation  
 (11) AU-A-2021260003  
 (21) 2021260003 (22) 20.04.2021  
 (54) Shell for artificial joint and method for producing same  
 (51) Int. Cl.  
**A61L 27/04** ( 2006.01 )  
**A61F 2/34** ( 2006.01 )  
**A61L 27/12** ( 2006.01 )  
**A61L 27/36** ( 2006.01 )  
**A61L 27/40** ( 2006.01 )  
**A61L 27/50** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
 (87) WO2021/215441  
 (31) 2020-076203 (32) 22.04.20 (33) JP  
 (43) 28.10.2021  
 (72) NODA, Iwao  
 (74) FB Rice Pty Ltd
- 
- (71) Laboratory Corporation of America Holdings  
 (11) AU-A-2021265261  
 (21) 2021265261 (22) 30.04.2021  
 (54) Compositions, methods, and systems for detecting methicillin-resistant staphylococcus aureus  
 (51) Int. Cl.  
**G01N 33/543** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
 (87) WO2021/222723  
 (31) 63/018,081 (32) 30.04.20 (33) US  
 (43) 04.11.2021  
 (72) BROWN, Matthew J.; NGUYEN, Minh Mindy Bao; ERICKSON, Stephen; GIL, Jose  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Leschenault Industries Pty Ltd  
 (11) AU-A-2021267559  
 (21) 2021267559 (22) 05.05.2021  
 (54) Mine site comminution arrangement and methodology  
 (51) Int. Cl.  
**B02C 23/14** ( 2006.01 )  
**B02C 21/00** ( 2006.01 )  
**B02C 23/08** ( 2006.01 )  
**B02C 23/16** ( 2006.01 )  
**B07B 1/34** ( 2006.01 )  
**B07B 13/16** ( 2006.01 )

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

- B07B 15/00** ( 2006.01 )  
**B65D 88/26** ( 2006.01 )  
**B65G 39/00** ( 2006.01 )  
**B65G 41/00** ( 2006.01 )  
**B65G 43/08** ( 2006.01 )  
**B65G 65/28** ( 2006.01 )  
**B65G 69/00** ( 2006.01 )  
**B65G 69/14** ( 2006.01 )  
**E21C 41/26** ( 2006.01 )
- (87) WO2021/222981  
(31) 2020901418 (32) 05.05.20 (33) AU  
(43) 11.11.2021  
(72) WILLIAMS, Heath Lawrence; SEXTON, John Alec  
(74) Patenteur Pty Ltd
- 
- (71) LG Electronics Inc.  
(11) AU-A-2021241294  
(21) 2021241294 (22) 23.03.2021  
(54) Image encoding/decoding method and device based on hybrid NAL unit type, and recording medium for storing bit-stream  
(51) Int. Cl.  
**H04N 19/70** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/174** ( 2014.01 )  
**H04N 19/44** ( 2014.01 )
- (87) WO2021/194211  
(31) 62/993,668 (32) 23.03.20 (33) US  
(43) 30.09.2021  
(72) HENDRY, Hendry; KIM, Seung Hwan  
(74) Dentons Patent Attorneys Australasia Limited
- 
- (71) LG Electronics Inc.  
(11) AU-A-2021243894  
(21) 2021243894 (22) 17.03.2021  
(54) Method and apparatus for encoding/decoding image, for performing deblocking filtering by determining boundary strength, and method for transmitting bitstream  
(51) Int. Cl.  
**H04N 19/86** ( 2014.01 )  
**H04N 19/186** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**H04N 19/82** ( 2014.01 )
- (87) WO2021/194155  
(31) 62/994,831 (32) 25.03.20 (33) US  
(43) 30.09.2021  
(72) JANG, Hyeong Moon; LEE, Sangheon  
(74) Dentons Patent Attorneys Australasia Limited
- 
- (71) Lifevault Bio, Inc.  
(11) AU-A-2021258334  
(21) 2021258334 (22) 26.04.2021  
(54) Methods of predicting susceptibility to infectious disease and related methods of treatment  
(51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**A61K 35/14** ( 2015.01 )  
**A61K 35/28** ( 2015.01 )  
**C12N 15/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )
- (87) WO2021/217152
- 
- (31) 63/015,104 (32) 24.04.20 (33) US  
(43) 28.10.2021  
(72) HAMILTON, Jonathon B.; VISCOMI, Salvatore G.; PERRY, Trevor J.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Liquid Controls LLC  
(11) AU-A-2021257253  
(21) 2021257253 (22) 16.04.2021  
(54) Method and system for determination of liquid volumes  
(51) Int. Cl.  
**G01F 1/00** ( 2006.01 )  
**B67D 7/08** ( 2010.01 )  
**G01F 15/02** ( 2006.01 )  
**G01F 15/06** ( 2006.01 )  
**G01F 22/00** ( 2006.01 )  
**G01F 23/00** ( 2006.01 )  
**G01F 25/00** ( 2006.01 )
- (87) WO2021/211953  
(31) 63/010,720 (32) 16.04.20 (33) US  
(43) 21.10.2021  
(72) BOND, Douglas; HAYNES, Bryan; CLEVENGER, Dan; HAGEMAN, Jeff  
(74) FB Rice Pty Ltd
- 
- (71) Longeveron Inc.  
(11) AU-A-2021261282  
(21) 2021261282 (22) 20.04.2021  
(54) Potency assay  
(51) Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )
- (87) WO2021/216580  
(31) 63/012,884 (32) 20.04.20 (33) US  
(43) 28.10.2021  
(72) OLIVA, Anthony A.; HITCHINSON, Ben  
(74) Spruson & Ferguson
- 
- (71) Luigi Lavazza S.p.A.  
(11) AU-A-2021291701  
(21) 2021291701 (22) 16.06.2021  
(54) A motorized brewing unit  
(51) Int. Cl.  
**A47J 31/44** ( 2006.01 )
- (87) WO2021/255656  
(31) 10202000014425 (32) 17.06.20 (33) IT  
(43) 23.12.2021  
(72) MOLINARO, Gabriele; ROTTA, Denis  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Luigi Lavazza S.p.A.  
(11) AU-A-2021294004  
(21) 2021294004 (22) 16.06.2021  
(54) A brewing unit  
(51) Int. Cl.  
**A47J 31/44** ( 2006.01 )
- (87) WO2021/255669  
(31) 10202000014434 (32) 17.06.20 (33) IT  
(43) 23.12.2021  
(72) MOLINARO, Gabriele; PICONE, Gabriele Luciano; ROTTA, Denis  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MaaT Pharma  
(11) AU-A-2021255918
- 
- (21) 2021255918 (22) 16.04.2021  
(54) FMT performance prediction test to guide and optimize therapeutic management of GVHD patients  
(51) Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**C12Q 1/04** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**C12Q 1/6876** ( 2018.01 )
- (87) WO2021/209631  
(31) 20170256.0 (32) 17.04.20 (33) EP  
(43) 21.10.2021  
(72) AFFAGARD, Hervé; PLANTAMURA, Emilie; PRESTAT, Emmanuel; GASC, Cyrielle; LEVAST, Benoit  
(74) Griffith Hack
- 
- (71) MacroGenics, Inc.  
(11) AU-A-2021273467  
(21) 2021273467 (22) 10.05.2021  
(54) Methods for the use of a B7-H3 antibody-drug conjugate alone or in combination  
(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07K 16/28** ( 2006.01 )
- (87) WO2021/231309  
(31) 63/180,795 (32) 28.04.21 (33) US  
63/023,495 12.05.20 US  
(43) 18.11.2021  
(72) BOHAC, Gerry Chester; LOO, Deryk; SCRIBNER, Juniper A.; WIGGINTON, Jon Marc  
(74) Spruson & Ferguson
- 
- (71) MannKind Corporation  
(11) AU-A-2021263580  
(21) 2021263580 (22) 30.04.2021  
(54) Clofazimine composition and method for the treatment or prophylaxis of viral infections  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/498** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )
- (87) WO2021/222740  
(31) 63/018,677 (32) 01.05.20 (33) US  
(43) 04.11.2021  
(72) HOFMANN, Thomas; UFER, Stefan; FREEMAN Jr., John J.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Mara Renewables Corporation  
(11) AU-A-2021245403  
(21) 2021245403 (22) 04.04.2021  
(54) Microbial oils with high levels of omega-3 fatty acids  
(51) Int. Cl.  
**A23D 9/00** ( 2006.01 )  
**C11B 1/00** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 1/12** ( 2006.01 )  
**C12P 7/64** ( 2006.01 )
- (87) WO2021/199009  
(31) 63/005,054 (32) 03.04.20 (33) US

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

- (43) 07.10.2021  
 (72) LOWREY, Joshua; SUN, Zhiyong; ARMENTA, Roberto E.; MUISE, Denise  
 (74) Griffith Hack
- 
- (71) Marel Meat B.V.  
 (11) AU-A-2021287256  
 (21) 2021287256 (22) 08.06.2021  
 (54) A cutting system for cutting carcass parts while the carcass parts are carried by carriers connected to and moved by an overhang transport system  
 (51) Int. Cl.  
**A22B 5/00** ( 2006.01 )  
**A22B 5/20** ( 2006.01 )  
 (87) WO2021/250023  
 (31) 20178888.2 (32) 09.06.20 (33) EP  
 (43) 16.12.2021  
 (72) MEERDINK, Jan; VAN DER STEEN, Franciscus Theodorus Henricus Johannes; JANSSEN, Cornelis Joannes; ALBERS, Bastiaan Martinus Cornelis; MADSEN, Heinz; TIGGELOVEN, Leonardus Jozephus Antonius; KOSTER, Niels Antonio William  
 (74) FB Rice Pty Ltd
- 
- (71) Matrix Module GmbH  
 (11) AU-A-2021250670  
 (21) 2021250670 (22) 01.04.2021  
 (54) Spacer structure, sandwich construction with a spacer structure of this kind and method for producing a spacer structure of this kind  
 (51) Int. Cl.  
**B21D 13/06** ( 2006.01 )  
**B21D 13/08** ( 2006.01 )  
**B21D 13/10** ( 2006.01 )  
**B21D 28/10** ( 2006.01 )  
**B21D 47/00** ( 2006.01 )  
**B32B 3/12** ( 2006.01 )  
**B32B 3/28** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 5/18** ( 2006.01 )  
**B32B 15/04** ( 2006.01 )  
**B32B 15/085** ( 2006.01 )  
**B32B 15/10** ( 2006.01 )  
**B32B 15/12** ( 2006.01 )  
**B32B 15/14** ( 2006.01 )  
**B32B 15/18** ( 2006.01 )  
**B32B 21/04** ( 2006.01 )  
**B32B 21/06** ( 2006.01 )  
**B32B 21/08** ( 2006.01 )  
**B32B 21/10** ( 2006.01 )  
**B32B 27/06** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/10** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B32B 29/02** ( 2006.01 )  
**B32B 29/08** ( 2006.01 )  
 (87) WO2021/197549  
 (31) 10 2020 109 118.4 (32) 01.04.20 (33) DE  
 (43) 07.10.2021  
 (72) SCHERFF, Maximilian  
 (74) Halfords IP
- 
- (71) Mayekawa MFG. Co., Ltd.  
 (11) AU-A-2021271478  
 (21) 2021271478 (22) 27.04.2021  
 (54) Slitting apparatus  
 (51) Int. Cl.  
**A22C 21/00** ( 2006.01 )  
**B65G 47/86** ( 2006.01 )  
 (87) WO2021/230071  
 (31) 2020-083682 (32) 12.05.20 (33) JP  
 (43) 18.11.2021  
 (72) KIDO, Koji; SHIBAMA, Keigo; SAKURAYAMA, Hiroyuki; KOIZUMI, Akira; AKABANE, Hajime; WATANABE, Masaomi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Mayekawa MFG. Co., Ltd.  
 (11) AU-A-2021272789  
 (21) 2021272789 (22) 27.04.2021  
 (54) Workpiece measuring device and slitting system  
 (51) Int. Cl.  
**A22C 21/00** ( 2006.01 )  
 (87) WO2021/230072  
 (31) 2020-083685 (32) 12.05.20 (33) JP  
 (43) 18.11.2021  
 (72) KIDO, Koji; SHIBAMA, Keigo; SAKURAYAMA, Hiroyuki; KOIZUMI, Akira; AKABANE, Hajime; WATANABE, Masaomi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Mayo Foundation for Medical Education and Research  
 (11) AU-A-2021263657  
 (21) 2021263657 (22) 27.04.2021  
 (54) Devices and methods for accessing the intradural compartment and treating intracranial hematoma  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61M 39/00** ( 2006.01 )  
 (87) WO2021/222157  
 (31) 63/016,613 (32) 28.04.20 (33) US  
 (43) 04.11.2021  
 (72) SAVASTANO, Luis E.; LIU, Yang  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Mayo Foundation for Medical Education and Research; Exact Sciences Development Company, LLC  
 (11) AU-A-2021268333  
 (21) 2021268333 (22) 04.05.2021  
 (54) Detecting melanoma  
 (51) Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**C07K 14/78** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 5/09** ( 2010.01 )  
**G01N 33/574** ( 2006.01 )  
 (87) WO2021/226074  
 (31) 63/019,753 (32) 04.05.20 (33) US  
 (43) 11.11.2021  
 (72) AHLQUIST, David A.; KISIEL, John B.; TAYLOR, William R.; MAHONEY, Douglas W.; BERGER, Calise K.; ALLAWI, Hatim T.; KATEROV, Vatcheslav  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Medicago Inc.; Hendin, H.; Ward, B.  
 (11) AU-A-2021258916  
 (21) 2021258916 (22) 22.04.2021  
 (54) Suprastructure comprising modified influenza hemagglutinin with reduced interaction with sialic acid  
 (51) Int. Cl.  
**C07K 14/11** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 39/145** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C12N 7/01** ( 2006.01 )  
**C12N 15/44** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12P 21/00** ( 2006.01 )  
 (87) WO2021/212230  
 (31) 63/014,008 (32) 22.04.20 (33) US  
 (43) 28.10.2021  
 (72) HENDIN, Hilary E.; WARD, Brian J.; LAVOIE, Pierre-Olivier; D'AOUST, Marc-Andre; BEDARD, Mikael; SAXENA, Pooja; LANDRY, Nathalie  
 (74) FB Rice Pty Ltd
- 
- (71) MedStar Health, Inc.  
 (11) AU-A-2021265849  
 (21) 2021265849 (22) 30.04.2021  
 (54) Methods for treating COVID-19  
 (51) Int. Cl.  
**C07K 5/062** ( 2006.01 )  
**C07D 307/02** ( 2006.01 )  
**C07K 5/06** ( 2006.01 )  
 (87) WO2021/222687  
 (31) 63/018,923 (32) 01.05.20 (33) US  
 63/156,479 04.03.21 US  
 63/161,635 16.03.21 US  
 (43) 04.11.2021  
 (72) FISHBEIN, Thoma M.; KHAN, Khalid M.; KROEMER, Alexander H.  
 (74) FB Rice Pty Ltd
- 
- (71) MeiraGTx UK II Limited  
 (11) AU-A-2021243743  
 (21) 2021243743 (22) 24.03.2021  
 (54) Aptamers that bind thiamine analogs and derivatives  
 (51) Int. Cl.  
**C12N 15/115** ( 2010.01 )  
**C12N 15/67** ( 2006.01 )  
 (87) WO2021/191680  
 (31) 62/994,135 (32) 24.03.20 (33) US  
 (43) 30.09.2021  
 (72) GUO, Xuecui; FORBES, Alexandria; LIU, Kevin, G.; KIM, Ji-in  
 (74) Spruson & Ferguson
- 
- (71) Metabomed Ltd  
 (11) AU-A-2021273125  
 (21) 2021273125 (22) 12.05.2021

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

- (54) Imidazole 3-oxide derivative based ACSS2 inhibitors and methods of use thereof
- (51) Int. Cl.  
**C07D 233/90** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/32** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
**C07D 413/10** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )
- (87) WO2021/229571  
(31) PCT/ (32) 14.05.20 (33) IL IL2020/050524  
(43) 18.11.2021  
(72) NAKACHE, Philippe; EREZ, Omri; BOTTI, Simone; GOUTOPOULOS, Andreas; FINCH, Harry  
(74) Griffith Hack
- 
- (71) Metso Outotec Finland Oy  
(11) AU-A-2020443206  
(21) 2020443206 (22) 20.04.2020  
(54) Mixing arrangement, mixer settler unit and use  
(51) Int. Cl.  
**B01F 27/1145** ( 2022.01 )  
**B01F 27/92** ( 2022.01 )  
**C22B 3/02** ( 2006.01 )  
**C22B 3/26** ( 2006.01 )
- (87) WO2021/214372  
(43) 28.10.2021  
(72) FREDRIKSSON, Henri; MÄKELÄ, Antti; LATVA-KOKKO, Marko; XIA, Jiliang; MÄENPÄÄ, Lauri; RITASALO, Teemu  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Mölnlycke Health Care AB  
(11) AU-A-2021279131  
(21) 2021279131 (22) 24.05.2021  
(54) A mobile negative pressure wound therapy device  
(51) Int. Cl.  
**A61M 1/00** ( 2006.01 )
- (87) WO2021/239655  
(31) 20176283.8 (32) 25.05.20 (33) EP  
(43) 02.12.2021  
(72) ROUX, Alain; HERMANSSON, Anders; KIDBORG, Stefan  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Mölnlycke Health Care AB  
(11) AU-A-2021282324  
(21) 2021282324 (22) 24.05.2021  
(54) Mobile negative pressure wound therapy device with reduced pump noise  
(51) Int. Cl.  
**A61M 1/00** ( 2006.01 )
- (87) WO2021/239654  
(31) 20176280.4 (32) 25.05.20 (33) EP  
(43) 02.12.2021  
(72) FLACH, Niclas  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Monocrom, S.L.  
(11) AU-A-2020483730  
(21) 2020483730 (22) 29.12.2020  
(54) Spectral splitter device  
(51) Int. Cl.  
**G02B 27/10** ( 2006.01 )  
**G02B 27/28** ( 2006.01 )
- (87) WO2022/144472  
(43) 07.07.2022  
(72) ORIACH FONT, Carles  
(74) Ellis Terry
- 
- (71) Monsanto Technology LLC  
(11) AU-A-2021270883  
(21) 2021270883 (22) 12.05.2021  
(54) Systems and methods for detecting genome edits  
(51) Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**C12N 9/96** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**C12Q 1/6848** ( 2018.01 )
- (87) WO2021/231550  
(31) 63/025,498 (32) 15.05.20 (33) US  
(43) 18.11.2021  
(72) ZHANG, Yuanji  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Moovit App Global Ltd.  
(11) AU-A-2021258577  
(21) 2021258577 (22) 07.03.2021  
(54) System for determining billing for transportation usage  
(51) Int. Cl.  
**G01C 21/34** ( 2006.01 )  
**G06Q 50/30** ( 2012.01 )  
**G08G 1/01** ( 2006.01 )  
**G08G 1/015** ( 2006.01 )
- (87) WO2021/214743  
(31) 63/012,169 (32) 19.04.20 (33) US  
(43) 28.10.2021  
(72) GALON, Binyamin; BICK, Roy; KARNIS, Simon; FUCHS, Gil Emanuel; BEZALEL, Nir; KENIG, Anan  
(74) Northern Lights IP
- 
- (71) Myriad Genetics, Inc.  
(11) AU-A-2021259184  
(21) 2021259184 (22) 16.04.2021
- 
- (54) Polygenic trait prediction using local ancestry  
(51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**C12M 1/34** ( 2006.01 )  
**C12Q 1/6809** ( 2018.01 )  
**G01N 37/00** ( 2006.01 )
- (87) WO2021/216380  
(31) 63/012,699 (32) 20.04.20 (33) US  
(43) 28.10.2021  
(72) PRUSS, Dmitry; GUTIN, Alexander; HUGHES, Elisha; LANCHBURY, Jerry  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Natera, Inc.  
(11) AU-A-2021280311  
(21) 2021280311 (22) 27.05.2021  
(54) Methods for detection of donor-derived cell-free DNA  
(51) Int. Cl.  
**C12Q 1/6851** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )
- (87) WO2021/243045  
(31) 63/031,879 (32) 29.05.20 (33) US  
63/155,717 02.03.21 US  
63/186,735 10.05.21 US  
(43) 02.12.2021  
(72) SWENERTON, Ryan; ZIMMERMANN, Bernhard; AHMED, Ebad; LIANG, Nathan; RYAN, Allison; LU, Fei; VAN HUMMELEN, Paul  
(74) Spruson & Ferguson
- 
- (71) Nauti-Craft Pty Ltd  
(11) AU-A-2021258905  
(21) 2021258905 (22) 23.04.2021  
(54) Vessel attitude control arrangement  
(51) Int. Cl.  
**B63B 1/14** ( 2006.01 )  
**B63B 39/00** ( 2006.01 )
- (87) WO2021/212185  
(31) 2020901290 (32) 24.04.20 (33) AU  
(43) 28.10.2021  
(72) WALKER, Laurence John; MACFARLANE-BARROW, Liam Peter; MONK, Richard  
(74) Integrated IP
- 
- (71) NEC Platforms, Ltd.  
(11) AU-A-2021275168  
(21) 2021275168 (22) 16.04.2021  
(54) Relay device, communication system, relaying method, and program  
(51) Int. Cl.  
**H04M 3/00** ( 2006.01 )  
**H04M 3/42** ( 2006.01 )  
**H04Q 3/62** ( 2006.01 )
- (87) WO2021/235149  
(31) 2020-087881 (32) 20.05.20 (33) JP  
(43) 25.11.2021  
(72) ABE Takumi  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Neuroloop GmbH  
(11) AU-A-2021302334  
(21) 2021302334 (22) 09.06.2021



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

(54) Medical handling set  
 (51) Int. Cl.  
**A61N 1/375** ( 2006.01 )  
 (87) WO2022/002543  
 (31) 10.2020 117 142.0 (32) 30.06.20 (33) DE  
 (43) 06.01.2022  
 (72) KEMPTER, Daniel; KIMMIG, Fabian;  
 BORETIUS, Tim  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nexter Systems  
 (11) AU-A-2021269207  
 (21) 2021269207 (22) 03.05.2021  
 (54) Device for guiding a recoiling mass by means of an elastic link member  
 (51) Int. Cl.  
**F41A 25/22** ( 2006.01 )  
 (87) WO2021/224763  
 (31) 2004167 (32) 04.05.20 (33) FR  
 (43) 11.11.2021  
 (72) SEPTFONS, Pierre; BALBO, Patrick  
 (74) Wallington-Dummer

(71) Nippon Steel Corporation  
 (11) AU-A-2021272824  
 (21) 2021272824 (22) 13.05.2021  
 (54) Method for producing reduced iron  
 (51) Int. Cl.  
**C21B 13/02** ( 2006.01 )  
**F27D 17/00** ( 2006.01 )  
 (87) WO2021/230307  
 (31) 2020-085078 (32) 14.05.20 (33) JP  
 (43) 18.11.2021  
 (72) INADA, Takanobu; MIZUTANI, Moritoshi; UJISAWA, Yutaka  
 (74) Spruson & Ferguson

(71) Normet Oy  
 (11) AU-A-2021276582  
 (21) 2021276582 (22) 17.05.2021  
 (54) Method for controlling powertrain, and powertrain  
 (51) Int. Cl.  
**B60K 6/46** ( 2007.10 )  
**B60L 50/00** ( 2019.01 )  
**B60W 10/06** ( 2006.01 )  
**B60W 10/08** ( 2006.01 )  
**B60W 10/18** ( 2012.01 )  
**B60W 10/26** ( 2006.01 )  
**B60W 20/16** ( 2016.01 )  
**B60W 30/18** ( 2012.01 )  
 (87) WO2021/234221  
 (31) 20205514 (32) 20.05.20 (33) FI  
 (43) 25.11.2021  
 (72) KUKKONEN, Samu  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Northwestern University  
 (11) AU-A-2021254270  
 (21) 2021254270 (22) 09.04.2021  
 (54) Oxidized tumor cell lysates encapsulated in liposomal spherical nucleic acids as potent cancer immunotherapeutics  
 (51) Int. Cl.  
**A61K 8/14** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )

**A61K 31/7088** ( 2006.01 )  
**A61K 31/7105** ( 2006.01 )  
**A61K 31/711** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
 (87) WO2021/207630  
 (31) 63/008,229 (32) 10.04.20 (33) US  
 (43) 14.10.2021  
 (72) MIRKIN, Chad, A.; CALLMANN, Cassandra, Elizabeth  
 (74) WRAYS PTY LTD

(71) Novartis AG  
 (11) AU-A-2021276912  
 (21) 2021276912 (22) 17.05.2021  
 (54) Crystalline form of LNPO23  
 (51) Int. Cl.  
**C07D 401/06** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61P 27/00** ( 2006.01 )  
 (87) WO2021/234544  
 (31) 63/026,637 (32) 18.05.20 (33) US  
 63/052,699 16.07.20 US  
 (43) 25.11.2021  
 (72) JIA, Zichen; LUSTENBERGER, Philipp; MEYER, Marie; MORATTO, Massimo  
 (74) Davies Collison Cave Pty Ltd

(71) Novartis AG  
 (11) AU-A-2021293976  
 (21) 2021293976 (22) 11.06.2021  
 (54) Methyl 2-(fluoromethyl)-5-oxo-4-phenyl-4,5,6,7-tetrahydro-1h-cyclopenta(b)pyridine-3-carboxylates and methyl 2-(fluoromethyl)-5-oxo-4-phenyl-1,4,5,7-tetrahydro-furo(3,4-b)pyridine-3-carboxylates as cav1.2 activators  
 (51) Int. Cl.  
**C07D 491/048** ( 2006.01 )  
**A61K 31/4355** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 221/04** ( 2006.01 )  
 (87) WO2021/255607  
 (31) PCT/ CN2020/096177 (32) 15.06.20 (33) CN  
 (43) 23.12.2021  
 (72) KIM, Sung David C.; LI, Zaixing; LU, Chui; LUBICKA, Danuta; NEEF, James; PARK, Hye-Yeon; PATHAK, Tejaskumar Pankajbhai; SADAGHIANI, Amir Masoud; ZHOU, Xilin  
 (74) Davies Collison Cave Pty Ltd

(71) Numat Technologies Inc.  
 (11) AU-A-2021245855  
 (21) 2021245855 (22) 30.03.2021  
 (54) Modified metal-organic framework (MOF) compositions, process of making and process of use thereof  
 (51) Int. Cl.  
**B01J 20/22** ( 2006.01 )  
**B01D 53/02** ( 2006.01 )  
 (87) WO2021/202565  
 (31) 63/003,260 (32) 31.03.20 (33) US  
 63/055,737 23.07.20 US  
 (43) 07.10.2021  
 (72) WESTON, Mitchell Hugh; MORRIS, William; HOOVER, William Joseph; FULLER, Patrick Emmett; SIEGFRIED,

John Paul; GROU, Randi Danielle; WELLS, Jeffrey Loren; WANG, Timothy Chiaan; ARGUETA FAJARDO, Edwin Alfonso  
 (74) MOHAN MURALI KODIVEL

(71) Numat Technologies Inc.  
 (11) AU-A-2021248803  
 (21) 2021248803 (22) 30.03.2021  
 (54) Activated amino containing metal organic framework (MOF) compositions, process of making and process of use thereof  
 (51) Int. Cl.  
**C07F 7/00** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
 (87) WO2021/202574  
 (31) 63/003,260 (32) 31.03.20 (33) US  
 (43) 07.10.2021  
 (72) WESTON, Mitchell, Hugh; ARGUETA FAJARDO, Edwin, Alfonso; MORRIS, William; SIEGFRIED, John, Paul; FULLER, Patrick, Emmett  
 (74) MOHAN MURALI KODIVEL

(71) Obvius Robotics, Inc.  
 (11) AU-A-2021249145  
 (21) 2021249145 (22) 01.04.2021  
 (54) Device and method for automated insertion of penetrating member  
 (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 8/08** ( 2006.01 )  
**A61B 8/14** ( 2006.01 )  
**A61M 5/46** ( 2006.01 )  
 (87) WO2021/202864  
 (31) 16/837,675 (32) 01.04.20 (33) US  
 (43) 07.10.2021  
 (72) BAGWELL, Roger B.; CLEMENT, Ryan S.; MULVIHILL, Maureen L.; SCRUGGS, Casey A.; SNOOK, Kevin A.; COHN, William E.; HERLIHY, James Patrick; RENNICKS, Kenneth Wayne  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Orbis Diagnostics Limited; Simpson, M.C.  
 (11) AU-A-2021237737  
 (21) 2021237737 (22) 22.03.2021  
 (54) Multi-chambered assay devices and associated methods, systems and apparatuses thereof for detection of analytes  
 (51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
 (87) WO2021/189054  
 (31) 62/992,561 (32) 20.03.20 (33) US  
 62/992,566 20.03.20 US  
 63/005,816 06.04.20 US  
 (43) 23.09.2021  
 (72) SIMPSON, Miriam Cather; VARGAS, Matheus Jose Teixeira; CHANDRASEKHAR, Mithileshwari; WILLIAMS, David Edward  
 (74) Spruson & Ferguson

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

(71) Orbit Fab, Inc.; PUTMAN, Phil; KNAUER, Larry			PCT/ EP2020/071733	31.07.20	EP
(11) AU-A-2021241550			PCT/ EP2020/071839	03.08.20	EP
(21) 2021241550 (22) 24.03.2021			PCT/ EP2020/073668	24.08.20	EP
(54) Material transfer interfaces for space vehicles, and associated systems and methods			PCT/ EP2020/081544	09.11.20	EP
(51) Int. Cl.			PCT/ EP2020/081981	12.11.20	EP
F16L 37/127 ( 2006.01 )			PCT/ EP2020/082601	18.11.20	EP
B64D 39/06 ( 2006.01 )			PCT/ EP2020/082989	20.11.20	EP
F16L 37/096 ( 2006.01 )			PCT/ EP2020/083435	25.11.20	EP
F16L 37/098 ( 2006.01 )			PCT/ EP2020/084342	02.12.20	EP
F16L 37/12 ( 2006.01 )			63/120,977	03.12.20	US
F16L 37/133 ( 2006.01 )			PCT/ EP2020/085145	08.12.20	EP
(87) WO2021/195274			PCT/ EP2020/085653	10.12.20	EP
(31) 62/994,668 (32) 25.03.20 (33) US			PCT/ EP2020/087844	23.12.20	EP
(43) 30.09.2021			PCT/ EP2021/050027	04.01.21	EP
(72) PUTMAN, Phil; KNAUER, Larry; BULTI- TUDE, James; SIGUR, Wanda; POL- ER, Sebastian; AILTS, Garrett; LOUIE, Avery; FABER, Daniel; DEUITCH, Alex- ander			PCT/ EP2021/050874	15.01.21	EP
(74) RnB IP Pty Ltd			PCT/ EP2021/050875	15.01.21	EP
			PCT/ EP2021/051772	26.01.21	EP
(71) Orion Corporation			PCT/ EP2021/052572	04.02.21	EP
(11) AU-A-2021269872			EP2021/052716	24.02.21	EP
(21) 2021269872 (22) 12.05.2021			EP2021/054622		
(54) CYP11A1 inhibitors			(43) 28.10.2021		
(51) Int. Cl.			(72) NAUTA, Marjoh; PEETERS, Dirk Jozef; VAN DOORSLAER, Tom Frank Steven; BADKAR, Advait Vijay; DARVARI, Ramin; WARNE, Nicholas William; JEAN, James; HENDRIKSE, Danny Pierre G.; SAHIN, Ugur; GÜLER, Alptekin; KUHN, Andreas; MUIK, Alex- ander; VOGEL, Annette; WALZER, Ker- stin; WITZEL, Sonja; HEIN, Stephanie; TÜRECI, Özlem		
C07D 209/44 ( 2006.01 )			(74) PHILLIPS ORMONDE FITZPATRICK		
A61K 31/404 ( 2006.01 )					
A61K 31/4245 ( 2006.01 )					
A61K 31/47 ( 2006.01 )					
A61P 35/00 ( 2006.01 )					
C07D 401/12 ( 2006.01 )					
C07D 401/14 ( 2006.01 )					
C07D 403/04 ( 2006.01 )					
C07D 405/06 ( 2006.01 )					
C07D 405/14 ( 2006.01 )					
C07D 413/04 ( 2006.01 )					
C07D 413/14 ( 2006.01 )					
C07D 417/04 ( 2006.01 )					
C07D 419/14 ( 2006.01 )					
C07D 491/107 ( 2006.01 )					
(87) WO2021/229152					
(31) 20205486 (32) 14.05.20 (33) FI					
(43) 18.11.2021					
(72) DIN BELLE, David; KUMPULAINEN, Esa; MÄKELÄ, Mikko; PIETIKÄINEN, Pekka; WANG, Shouming; WOHL- FAHRT, Gerd					
(74) PHILLIPS ORMONDE FITZPATRICK					
(71) Panasonic Intellectual Property Corpor- ation of America					
(11) AU-A-2021255047					
(21) 2021255047 (22) 18.02.2021					
(54) Control resource set zero for reduced capability new radio devices					
(51) Int. Cl.					
H04W 72/04 ( 2009.01 )					
H04L 5/00 ( 2006.01 )					
(87) WO2021/211055					
(31) 10202003546X (32) 17.04.20 (33) SG					
(43) 21.10.2021					
(72) TRAN, Xuan Tuong; NISHIO, Akihiko; MAKI, Shotaro; SUZUKI, Hidetoshi; KUANG, Quan; LI, Hongchao					
(74) Spruson & Ferguson					
(71) Pauletto, G.					
(11) AU-A-2021256737					
(21) 2021256737 (22) 14.04.2021					
(54) A reactor with an electrically heated structured ceramic catalyst					
(51) Int. Cl.					
B01J 19/08 ( 2006.01 )					
(87) WO2021/209509					
(31) 20170265.1 (32) 18.04.20 (33) EP					
(43) 21.10.2021					
(72) PAULETTO, Gianluca					
(74) Michael Buck IP					
(71) Pearson Education, Inc.					
(11) AU-A-2021266674					
(21) 2021266674 (22) 30.04.2021					
(54) Systems and methods for adaptive as- sessment					
(51) Int. Cl.					
G09B 19/06 ( 2006.01 )					
G09B 7/00 ( 2006.01 )					
G09B 7/04 ( 2006.01 )					
G09B 17/00 ( 2006.01 )					
G09B 19/04 ( 2006.01 )					
G10L 15/00 ( 2013.01 )					
(87) WO2021/225877					
(31) 16/866,117 (32) 04.05.20 (33) US					
(43) 11.11.2021					
(72) WANG, Zhaodong					
(74) Pizzey's Patent and Trade Mark Attor- neys Pty Ltd					
(71) Pear Therapeutics (US), Inc.					
(11) AU-A-2021299509					
(21) 2021299509 (22) 02.07.2021					
(54) Systems, methods, and devices for generating and administering digital therapeutic placebos and shams					
(51) Int. Cl.					
G16H 20/70 ( 2018.01 )					
(87) WO2022/006496					
(31) 63/047,372 (32) 02.07.20 (33) US					
(43) 06.01.2022					
(72) BROWN, Michael; CAMPELLONE, Timothy					
(74) Griffith Hack					
(71) Pfizer Inc.; BioNTech SE					
(11) AU-A-2021260750					
(21) 2021260750 (22) 16.04.2021					
(54) Coronavirus vaccine					
(51) Int. Cl.					
F25D 3/12 ( 2006.01 )					
A61K 39/215 ( 2006.01 )					
A61K 45/06 ( 2006.01 )					
B65D 81/18 ( 2006.01 )					
C12N 15/00 ( 2006.01 )					
(87) WO2021/213945					
(31) PCT/EP2020/061239 (32) 22.04.20 (33) EP					
PCT/EP2020/066968		18.06.20			EP
PCT/EP2020/068174		26.06.20			EP
PCT/EP2020/069805		13.07.20			EP
(71) Pfizer Inc.					
(11) AU-A-2021271318					
(21) 2021271318 (22) 13.05.2021					
(54) Methods, therapies and uses for treat- ing cancer					
(51) Int. Cl.					
C07K 16/28 ( 2006.01 )					
A61K 31/454 ( 2006.01 )					
A61K 39/395 ( 2006.01 )					
A61P 35/00 ( 2006.01 )					
(87) WO2021/229507					
(31) 63/024,016 (32) 13.05.20 (33) US					
63/078,211		14.09.20			US
63/106,302		27.10.20			US
63/185,357		06.05.21			US
(43) 18.11.2021					
(72) BARDY BOUXIN, Nathalie Annie; BARRY, Eloisa Virginia; BLAKE- HASKINS, John Andrew; CHAN, Geof-					

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

frey Wing-Lynn; CHOU, Jeffrey; ELME-LIEGY, Mohamed A; KRUPKA, Heike Iris; LIAO, Kai Hsin; VANDENDRIES, Erik Rene; VIQUEIRA, Andrea; WISEL, Paul Stephen; YVER, Anne  
**(74)** ALLENS PATENT & TRADE MARK ATTORNEYS

---

**(71)** Pfizer Inc.  
**(11)** AU-A-2021281643  
**(21)** 2021281643 **(22)** 25.05.2021  
**(54)** Pyrrolo(2,3-d)pyrimidine derivatives  
**(51)** Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 5/14* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
**(87)** WO2021/240356  
**(31)** 62/704,796 **(32)** 28.05.20 **(33)** US  
 63/037,366 10.06.20 US  
**(43)** 02.12.2021  
**(72)** DOWTY, Martin Eugene; MALHOTRA, Bimal Kumar; SAMARDJIEV, Ivan Jordan; SAMAS, Brian Matthew; STROHBACH, Joseph Walter  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Pharma Mar, S.A.  
**(11)** AU-A-2021260792  
**(21)** 2021260792 **(22)** 21.04.2021  
**(54)** Drug antibody conjugates  
**(51)** Int. Cl.  
*A61K 47/68* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
**(87)** WO2021/214126  
**(31)** 20382320.8 **(32)** 21.04.20 **(33)** EP  
**(43)** 28.10.2021  
**(72)** LATORRE LOZANO, Alfonso; MARTÍNEZ BARRASA, Valentín; FRANCESCH SOLLOSO, Andrés M.; CUEVAS MARCHANTE, María Del Carmen  
**(74)** WRAYS PTY LTD

---

**(71)** Pieris Pharmaceuticals GmbH  
**(11)** AU-A-2021285201  
**(21)** 2021285201 **(22)** 04.06.2021  
**(54)** Multimeric immunomodulator targeting 4-1BB  
**(51)** Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
**(87)** WO2021/245240  
**(31)** 20178414.7 **(32)** 05.06.20 **(33)** EP  
 20178721.5 08.06.20 EP  
**(43)** 09.12.2021  
**(72)** PEPPER-GABRIEL, Janet; PRASSLER, Josef; EICHNER, Timo; GRUENER, Stefan; MOUSA, Ahmed; OLWILL, Shane  
**(74)** FB Rice Pty Ltd

**(71)** Plexikon Inc.  
**(11)** AU-A-2021263383  
**(21)** 2021263383 **(22)** 28.04.2021  
**(54)** Synthesis of heterocyclic compounds  
**(51)** Int. Cl.  
*C07D 213/76* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
**(87)** WO2021/222442  
**(31)** 63/017,587 **(32)** 29.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** LIN, Jack; WALTERS, Jason  
**(74)** RnB IP Pty Ltd

---

**(71)** President and Fellows of Harvard College  
**(11)** AU-A-2021268355  
**(21)** 2021268355 **(22)** 07.05.2021  
**(54)** Engineered relaxins and methods of use thereof  
**(51)** Int. Cl.  
*C07K 14/575* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*C07K 14/64* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
**(87)** WO2021/226439  
**(31)** 63/021,814 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** KRUSE, Andrew; ERLANDSON, Sarah Cecilia  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Prilenia Neurotherapeutics Ltd.  
**(11)** AU-A-2021266476  
**(21)** 2021266476 **(22)** 04.05.2021  
**(54)** Treatment of viral infection, disease or disorder using a selective S1R agonist  
**(51)** Int. Cl.  
*A61K 31/451* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
**(87)** WO2021/224914  
**(31)** 63/019,465 **(32)** 04.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** HAYDEN, Michael; GEVA, Michal  
**(74)** Griffith Hack

---

**(71)** Primetals Technologies Austria GmbH  
**(11)** AU-A-2021275362  
**(21)** 2021275362 **(22)** 17.05.2021  
**(54)** Method and device for dry granulation  
**(51)** Int. Cl.  
*C21B 3/08* ( 2006.01 )  
*B01J 2/16* ( 2006.01 )  
**(87)** WO2021/233836  
**(31)** 20175483.5 **(32)** 19.05.20 **(33)** EP  
**(43)** 25.11.2021  
**(72)** FENZL, Thomas; FLEISCHANDERL, Alexander; NEUHOLD, Robert  
**(74)** Spruson & Ferguson

---

**(71)** Pulsenmore Ltd.  
**(11)** AU-A-2021262613  
**(21)** 2021262613 **(22)** 25.04.2021  
**(54)** A system for acquiring ultrasound images of an organ of a human body  
**(51)** Int. Cl.  
*A61B 8/00* ( 2006.01 )

*A61B 8/08* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
**(87)** WO2021/220263  
**(31)** 274382 **(32)** 01.05.20 **(33)** IL  
**(43)** 04.11.2021  
**(72)** SONNENSCHNEIN, Elazar; ALBECK, Yehuda; ELIA, Paz; BECHER, Menachem  
**(74)** WRAYS PTY LTD

---

**(71)** Pulsenmore Ltd.  
**(11)** AU-A-2021262615  
**(21)** 2021262615 **(22)** 26.04.2021  
**(54)** A system for acquiring ultrasound images  
**(51)** Int. Cl.  
*A61B 8/00* ( 2006.01 )  
*A61B 8/08* ( 2006.01 )  
**(87)** WO2021/220269  
**(31)** 274382 **(32)** 01.05.20 **(33)** IL  
**(43)** 04.11.2021  
**(72)** SONNENSCHNEIN, Elazar; ALBECK, Yehuda; ELIA, Paz; BECHER, Menachem  
**(74)** WRAYS PTY LTD

---

**(71)** Pulsenmore Ltd.  
**(11)** AU-A-2021265350  
**(21)** 2021265350 **(22)** 25.04.2021  
**(54)** A system for acquiring ultrasound images of internal body organs  
**(51)** Int. Cl.  
*A61B 8/00* ( 2006.01 )  
*A61B 8/08* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G06T 7/00* ( 2017.01 )  
**(87)** WO2021/220265  
**(31)** 274382 **(32)** 01.05.20 **(33)** IL  
**(43)** 04.11.2021  
**(72)** SONNENSCHNEIN, Elazar; ALBECK, Yehuda; ELIA, Paz; BECHER, Menachem  
**(74)** WRAYS PTY LTD

---

**(71)** Pulsenmore Ltd.  
**(11)** AU-A-2021265595  
**(21)** 2021265595 **(22)** 25.04.2021  
**(54)** A system and a method for allowing a non-skilled user to acquire ultrasound images of internal organs of a human body  
**(51)** Int. Cl.  
*A61B 8/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 8/08* ( 2006.01 )  
*G16H 30/20* ( 2018.01 )  
**(87)** WO2021/220264  
**(31)** 274382 **(32)** 01.05.20 **(33)** IL  
**(43)** 04.11.2021  
**(72)** SONNENSCHNEIN, Elazar; ALBECK, Yehuda; ELIA, Paz; BECHER, Menachem  
**(74)** WRAYS PTY LTD

---

**(71)** Pulsenmore Ltd.  
**(11)** AU-A-2021265597  
**(21)** 2021265597 **(22)** 26.04.2021

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

- (54) A system for acquiring ultrasound images of internal organs of a human body
- (51) Int. Cl.  
**A61B 8/00** ( 2006.01 )  
**A61B 8/08** ( 2006.01 )  
**G06F 21/00** ( 2013.01 )  
**G06F 21/10** ( 2013.01 )  
**G06F 21/56** ( 2013.01 )  
**G06F 21/71** ( 2013.01 )
- (87) WO2021/220270  
(31) 274382 (32) 01.05.20 (33) IL  
(43) 04.11.2021
- (72) SONNENSCHNEIN, Elazar; ALBECK, Yehuda; ELIA, Paz; BECHER, Menachem
- (74) WRAYS PTY LTD
- 
- (71) Razer (Asia-Pacific) Pte. Ltd.  
(11) AU-A-2020454830  
(21) 2020454830 (22) 25.06.2020
- (54) Wireless data communication method, computer peripheral device and receiver device
- (51) Int. Cl.  
**G06F 13/38** ( 2006.01 )  
**G06F 3/023** ( 2006.01 )  
**G06F 3/0354** ( 2013.01 )  
**H04L 1/18** ( 2006.01 )  
**H04L 5/00** ( 2006.01 )  
**H04W 72/02** ( 2009.01 )  
**H04W 72/04** ( 2009.01 )  
**H04W 72/08** ( 2009.01 )
- (87) WO2021/262084  
(43) 30.12.2021
- (72) LEE, Kah Yong; CHAN, Chee Oei
- (74) FB Rice Pty Ltd
- 
- (71) RCR Mining Technologies Pty Ltd  
(11) AU-A-2019348050  
(21) 2019348050 (22) 27.09.2019
- (54) Conveyor feeder apparatus
- (51) Int. Cl.  
**B65G 17/06** ( 2006.01 )  
**B65G 17/10** ( 2006.01 )  
**B65G 17/30** ( 2006.01 )  
**B65G 17/34** ( 2006.01 )  
**B65G 25/04** ( 2006.01 )  
**B65G 45/12** ( 2006.01 )
- (87) WO2020/061642  
(31) 2018903686 (32) 28.09.18 (33) AU  
(43) 02.04.2020
- (72) NORMAN, Brian; BARNARD, Lindsay; ANDERSON, David
- (74) FB Rice Pty Ltd
- 
- (71) Recurium IP Holdings, LLC  
(11) AU-A-2021259583  
(21) 2021259583 (22) 21.04.2021
- (54) Preparation of an selective estrogen receptor degrader
- (51) Int. Cl.  
**C07D 209/16** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )
- (87) WO2021/216671  
(31) 63/013,686 (32) 22.04.20 (33) US  
(43) 28.10.2021
- (72) HUANG, Peter Qinhua; HEGDE, Sayee Gajanan; BUNKER, Kevin Duane;
- KNIGHT, John; PINCHMAN, Joseph Robert; UNNI, Aditya Krishnan; SIT, Rakesh Kumar; ZHU, Shuguang; HOPKINS, Chad Daniel; SCOTT, Ian
- (74) Griffith Hack
- 
- (71) Research Institute at Nationwide Children's Hospital  
(11) AU-A-2021270526  
(21) 2021270526 (22) 12.05.2021
- (54) Gene therapy with dysferlin dual vectors
- (51) Int. Cl.  
**A61P 21/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )
- (87) WO2021/231577  
(31) 63/024,338 (32) 13.05.20 (33) US  
(43) 18.11.2021
- (72) RODINO-KLAPAC, Louise
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Rhizen Pharmaceuticals AG  
(11) AU-A-2021262569  
(21) 2021262569 (22) 23.04.2021
- (54) Novel compounds useful as poly(ADP-ribose) polymerase (PARP) inhibitors
- (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/10** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )
- (87) WO2021/220120  
(31) 202041018149 (32) 28.04.20 (33) IN  
202041047713 02.11.20 IN  
(43) 04.11.2021
- (72) BHUNIYA, Debnath; VISWANADHA, Srikanth; MERIKAPUDI, Gayatri Swaroop; VAKKALANKA, Swaroop Kumar Venkata Satya
- (74) Spruson & Ferguson
- 
- (71) RiboPro B.V.  
(11) AU-A-2021264872  
(21) 2021264872 (22) 30.04.2021
- (54) Methods for reducing RNA immunogenicity and RNA molecules with decreased immunogenicity
- (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/52** ( 2006.01 )  
**C12N 15/67** ( 2006.01 )  
**C12P 19/34** ( 2006.01 )
- (87) WO2021/221508  
(31) 2025475 (32) 30.04.20 (33) NL  
(43) 04.11.2021
- (72) BARON VAN ASBECK, Alexander Henrik; DIEKER, Jürgen Wilhelmus Carolus
- (74) DAVIS IP PTY LTD
- 
- (71) Rohm and Haas Company  
(11) AU-A-2021260494  
(21) 2021260494 (22) 12.04.2021
- (54) Method for preparing coating composition with improved color retention
- (51) Int. Cl.  
**C09D 5/00** ( 2006.01 )
- (87) WO2021/216312  
(31) 63/014,860 (32) 24.04.20 (33) US  
(43) 28.10.2021
- (72) CALLEJAS, Juan F.; EINSLA, Melinda L.; SOBCZAK, Jeffrey J.; WESTMEYER, Mark D.
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) Rosalind Franklin Institute; vDiamond Light Source Limited; Oxford University Innovation Limited  
(11) AU-A-2021269176  
(21) 2021269176 (22) 04.05.2021
- (54) Single domain antibodies binding to SARS-CoV-2 spike protein
- (51) Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )
- (87) WO2021/224606  
(31) 2006589.2 (32) 04.05.20 (33) GB  
2010861.9 14.07.20 GB  
(43) 11.11.2021
- (72) HUO, Jiangdong; OWENS, Raymond; NAISMITH, James; STUART, David
- (74) FB Rice Pty Ltd
- 
- (71) Saipem S.A.  
(11) AU-A-2021281590  
(21) 2021281590 (22) 06.05.2021
- (54) Method and system for tensioning a hyperstatic system
- (51) Int. Cl.  
**F03D 13/25** ( 2016.01 )  
**B63B 35/44** ( 2006.01 )  
**B63B 77/10** ( 2020.01 )
- (87) WO2021/240089  
(31) FR2005466 (32) 25.05.20 (33) FR  
(43) 02.12.2021
- (72) AUPERIN, Mathieu
- (74) Spruson & Ferguson
- 
- (71) Samsung Life Public Welfare Foundation; Encell Co., Ltd.  
(11) AU-A-2021239708  
(21) 2021239708 (22) 22.01.2021
- (54) Pharmaceutical composition, for preventing or treating Charcot-Marie-Tooth disorder, comprising mesenchymal stem cells or insulin secreted by mesenchymal stem cells
- (51) Int. Cl.  
**A61K 35/28** ( 2015.01 )  
**A61K 38/28** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )
- (87) WO2021/187745  
(31) 10-2020-0034461 (32) 20.03.20 (33) KR  
(43) 23.09.2021
- (72) CHANG, Jong Wook; JEON, Hong Bae; PARK, Sang Eon; OH, Shin Ji
- (74) FB Rice Pty Ltd

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

- (71) Samyang Holdings Corporation  
 (11) AU-A-2021281884  
 (21) 2021281884 (22) 24.03.2021  
 (54) Medical thread having polygonal cross-sectioned stopper on one end, and manufacturing method for same  
 (51) Int. Cl.  
**A61B 17/06** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
**A61L 17/10** ( 2006.01 )  
**B29C 51/08** ( 2006.01 )  
**B29C 51/30** ( 2006.01 )  
**B29C 51/42** ( 2006.01 )  
**B29L 31/00** ( 2006.01 )  
 (87) WO2021/241868  
 (31) 10-2020-0063530 (32) 27.05.20 (33) KR  
 (43) 02.12.2021  
 (72) LEE, Ho Sung; RYU, Dae Hui; YOON, Hye Sung  
 (74) Spruson & Ferguson
- 
- (71) Sana Biotechnology, Inc.  
 (11) AU-A-2021241643  
 (21) 2021241643 (22) 25.03.2021  
 (54) Hypoimmunogenic neural cells for the treatment of neurological disorders and conditions  
 (51) Int. Cl.  
**A61K 35/30** ( 2015.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
 (87) WO2021/195426  
 (31) 62/994,750 (32) 25.03.20 (33) US  
 (43) 30.09.2021  
 (72) RAMOS-ZAYAS, Rebeca; SCHREPFER, Sonja  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Sana Biotechnology, Inc.  
 (11) AU-A-2021262766  
 (21) 2021262766 (22) 27.04.2021  
 (54) Repeat dosing of hypoimmunogenic cells  
 (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/17** ( 2015.01 )  
**C07K 14/725** ( 2006.01 )  
 (87) WO2021/222285  
 (31) 63/016,190 (32) 27.04.20 (33) US  
 63/052,360 15.07.20 US  
 (43) 04.11.2021  
 (72) SCHREPFER, Sonja  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Sánchez Soler, Francisco  
 (11) AU-A-2021312334  
 (21) 2021312334 (22) 23.07.2021  
 (54) Rear suspension device, system and method for a bicycle  
 (51) Int. Cl.  
**B62K 25/28** ( 2006.01 )  
**B62J 45/413** ( 2020.01 )  
**B62J 45/42** ( 2020.01 )  
**B62J 50/21** ( 2020.01 )
- 
- B62K 25/08** ( 2006.01 )  
**G01D 5/14** ( 2006.01 )  
**B62K 3/02** ( 2006.01 )  
 (87) WO2022/018241  
 (31) 20020336.2 (32) 24.07.20 (33) EP  
 (43) 27.01.2022  
 (72) MARTÍNEZ GUILLÉN, Manuel; MARTÍNEZ FEMENÍA, Francisco; MAS ROCAMORA, Moisés; GÓMEZ ANDRADE, Álvaro; RODRÍGUEZ ÁLVARO, Elad  
 (74) Churchill Attorneys
- 
- (71) Sandvik Mining and Construction Lyon SAS; Sandvik Mining and Construction Oy  
 (11) AU-A-2021258480  
 (21) 2021258480 (22) 23.04.2021  
 (54) Apparatus for resin injection, mining machine and method  
 (51) Int. Cl.  
**E21D 20/00** ( 2006.01 )  
**E21D 20/02** ( 2006.01 )  
 (87) WO2021/214302  
 (31) 20171119.9 (32) 23.04.20 (33) EP  
 (43) 28.10.2021  
 (72) COMBE, Christel; METZGER, Matthieu; DÉMIA, Laurent  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Sandvik Mining and Construction Tools AB; Sandvik Mining and Construction Australia Pty Ltd  
 (11) AU-A-2021271108  
 (21) 2021271108 (22) 12.05.2021  
 (54) A tension indicator for a rock bolt  
 (51) Int. Cl.  
**E21D 21/02** ( 2006.01 )  
**F16B 31/02** ( 2006.01 )  
 (87) WO2021/228981  
 (31) 20174642.7 (32) 14.05.20 (33) EP  
 (43) 18.11.2021  
 (72) WEAVER, Steven; VALLATI, Osvaldo; RATAJ, Mietek  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Sandvik Mining and Construction Tools AB; Sandvik Mining and Construction OY  
 (11) AU-A-2021274048  
 (21) 2021274048 (22) 19.05.2021  
 (54) Spline lubrication for DTH hammers  
 (51) Int. Cl.  
**E21B 4/14** ( 2006.01 )  
**E21B 10/36** ( 2006.01 )  
 (87) WO2021/233991  
 (31) 20175331.6 (32) 19.05.20 (33) EP  
 (43) 25.11.2021  
 (72) MÄKI, Jorma; BRUANDET, Olivier  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Sanford Burnham Prebys Medical Discovery Institute  
 (11) AU-A-2021265826  
 (21) 2021265826 (22) 29.04.2021  
 (54) Inhibitor of apoptosis (IAP) protein antagonists  
 (51) Int. Cl.  
**C07D 498/04** ( 2006.01 )  
**A61K 31/475** ( 2006.01 )  
**A61K 31/554** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 487/14** ( 2006.01 )  
**C07D 498/14** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
 (87) WO2021/222614  
 (31) 63/018,464 (32) 30.04.20 (33) US  
 (43) 04.11.2021  
 (72) COSFORD, Nicholas David Peter; HEIMANN, Dominik; TERIETE, Peter; CHANDA, Sumit Kumar; PACHE, Lars; DE BACKER, Laurent Jean Stephane; BATA, Nicole  
 (74) FB Rice Pty Ltd
- 
- (71) Sauna Works Inc. (aka Far Infrared Sauna Technology Co.)  
 (11) AU-A-2022215162  
 (21) 2022215162 (22) 05.05.2022  
 (54) Halotherapy module associated with saunas  
 (51) Int. Cl.  
**A61H 33/06** ( 2006.01 )  
 (31) 63/185,261 (32) 06.05.21 (33) US  
 (43) 24.11.2022  
 (72) DUNCAN, Raleigh C.; KAPS, Andrew  
 (74) mdp Patent and Trade Mark Attorneys
- 
- (71) Scootboot Pty Ltd  
 (11) AU-A-2021261047  
 (21) 2021261047 (22) 21.04.2021  
 (54) Equine hoof boot, strap and tensioner therefor  
 (51) Int. Cl.  
**A01L 3/00** ( 2006.01 )  
**A01K 13/00** ( 2006.01 )  
**A01L 5/00** ( 2006.01 )  
**A01L 7/00** ( 2006.01 )  
 (87) WO2021/212174  
 (31) 2020901269 (32) 22.04.20 (33) AU  
 (43) 28.10.2021  
 (72) MACDONALD, David Duncan  
 (74) Cooper IP Pty Ltd
- 
- (71) Sekisui Chemical Co., Ltd.  
 (11) AU-A-2021261100  
 (21) 2021261100 (22) 22.03.2021  
 (54) Lighting instrument and plasma device  
 (51) Int. Cl.  
**H05H 1/26** ( 2006.01 )  
**A61N 1/44** ( 2006.01 )  
 (87) WO2021/215170  
 (31) 2020-077504 (32) 24.04.20 (33) JP  
 (43) 28.10.2021  
 (72) MATSUO, Tatsuya; NAGAHARA, Yuu; OOSHITA, Takaya; SAITOU, Naomichi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Shanghai Haiyan Pharmaceutical Technology Co., Ltd.; Yangtze River Pharmaceutical Group Co., Ltd.  
 (11) AU-A-2021256788  
 (21) 2021256788 (22) 14.04.2021

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

- (54) Solid pharmaceutical preparation, preparation method therefor and use thereof
- (51) Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/46** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 25/20** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/30** ( 2006.01 )
- (87) WO2021/208976  
(31) 202010304917.6 (32) 17.04.20 (33) CN  
202011594757.X 29.12.20 CN  
(43) 21.10.2021  
(72) JIANG, Taotao; WANG, Jibiao; YANG, Han; LI, Li; DAN, Zhaoling; ZHU, Keyi; ZENG, Zhenya; SU, Bo; CHEN, Xi  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Shanghai Quicktron Intelligent Technology Co., Ltd  
(11) AU-A-2021240488  
(21) 2021240488 (22) 08.01.2021  
(54) Temporary storage shelf board, goods shelf, control method and device, apparatus and system  
(51) Int. Cl.  
**B65G 1/04** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )
- (87) WO2021/190085  
(31) 202022292766.5 (32) 15.10.20 (33) CN  
202010231552.9 27.03.20 CN  
202021892576.0 02.09.20 CN  
202010231545.9 27.03.20 CN  
202010232310.1 27.03.20 CN  
(43) 30.09.2021  
(72) WANG, Xinhao; TANG, Dan; ZOU, Yangwei; HE, Yundi; YANG, Wei  
(74) GLMR
- 
- (71) Sigvaris AG  
(11) AU-A-2021268115  
(21) 2021268115 (22) 07.05.2021  
(54) Knitted loops for masks or garments  
(51) Int. Cl.  
**A41D 13/12** ( 2006.01 )  
**D04B 1/22** ( 2006.01 )
- (87) WO2021/224682  
(31) 63/021,487 (32) 07.05.20 (33) US  
(43) 11.11.2021  
(72) LEONARD, Michael; WOODEN, Tommy  
(74) HopgoodGanim
- 
- (71) Sinopia Biosciences, Inc.  
(11) AU-A-2021244241  
(21) 2021244241 (22) 25.03.2021  
(54) Isotopically-labelled trapidil derivatives  
(51) Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )
- (87) WO2021/195425  
(31) 63/000,347 (32) 26.03.20 (33) US  
63/063,846 10.08.20 US
- 
- (43) 30.09.2021  
(72) BORDBAR, Aarash; MASAMUNE, Hiroko; WADE, Warren S.  
(74) FB Rice Pty Ltd
- 
- (71) smartDNA Pty Ltd  
(11) AU-A-2021240819  
(21) 2021240819 (22) 25.03.2021  
(54) Quercetin enhancement formulation  
(51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 31/37** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 31/593** ( 2006.01 )  
**A61K 33/30** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/67** ( 2006.01 )  
**A61K 36/752** ( 2006.01 )  
**A61K 36/906** ( 2006.01 )
- (87) WO2021/189109  
(31) 762991 (32) 26.03.20 (33) NZ  
2020901205 16.04.20 AU  
(43) 30.09.2021  
(72) SMITH, Margaret; WALSH, Simone; WASHINGTON-SMITH, Grant  
(74) FB Rice Pty Ltd
- 
- (71) Societe des Produits Nestle S.A.  
(11) AU-A-2021286783  
(21) 2021286783 (22) 17.05.2021  
(54) Apparatus for roasting coffee beans  
(51) Int. Cl.  
**A23F 5/04** ( 2006.01 )  
**A23N 12/08** ( 2006.01 )  
**A47J 31/42** ( 2006.01 )
- (87) WO2021/249722  
(31) 20179335.3 (32) 10.06.20 (33) EP  
(43) 16.12.2021  
(72) SAVIOZ, Grégory; GEBS, Jonathan; SCORRANO, Lucio  
(74) Spruson & Ferguson
- 
- (71) Societe des Produits Nestle S.A.  
(11) AU-A-2021294727  
(21) 2021294727 (22) 11.05.2021  
(54) System for dispensing ground coffee  
(51) Int. Cl.  
**A47J 31/42** ( 2006.01 )  
**A47J 42/44** ( 2006.01 )  
**A47J 42/50** ( 2006.01 )  
**A47J 43/07** ( 2006.01 )
- (87) WO2021/259549  
(31) 20181371.4 (32) 22.06.20 (33) EP  
(43) 30.12.2021  
(72) AIT BOUZIAD, Youcef  
(74) Spruson & Ferguson
- 
- (71) Societe Des Produits Nestle S.A.  
(11) AU-A-2021288824  
(21) 2021288824 (22) 17.05.2021  
(54) Apparatus and method for roasting coffee beans  
(51) Int. Cl.  
**A23F 5/04** ( 2006.01 )  
**A23N 12/08** ( 2006.01 )  
**A23N 12/12** ( 2006.01 )  
**A47J 31/42** ( 2006.01 )
- 
- (87) WO2021/249723  
(31) 20179357.7 (32) 10.06.20 (33) EP  
(43) 16.12.2021  
(72) SAVIOZ, Grégory; ROUSSELIN, Frank; JANET MAITRE, Ghislain; DEL REY, Jonathan  
(74) Spruson & Ferguson
- 
- (71) Societe Des Produits Nestle S.A.  
(11) AU-A-2021295052  
(21) 2021295052 (22) 11.05.2021  
(54) Method for dispensing ground coffee  
(51) Int. Cl.  
**A47J 31/42** ( 2006.01 )  
**A23F 5/08** ( 2006.01 )  
**A47J 42/44** ( 2006.01 )  
**A47J 42/50** ( 2006.01 )  
**A47J 43/07** ( 2006.01 )
- (87) WO2021/259548  
(31) 20181347.4 (32) 22.06.20 (33) EP  
(43) 30.12.2021  
(72) AIT, BOUZIAD Youcef  
(74) Spruson & Ferguson
- 
- (71) Société des Produits Nestlé S.A.  
(11) AU-A-2021275459  
(21) 2021275459 (22) 19.05.2021  
(54) Use of human milk oligosaccharides in nutritional compositions for enhancing bone development and/or bone strength  
(51) Int. Cl.  
**A61K 31/702** ( 2006.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/125** ( 2016.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )
- (87) WO2021/233960  
(31) 20175969.3 (32) 22.05.20 (33) EP  
(43) 25.11.2021  
(72) HORCAJADA, Marie Noëlle; BONNET, Nicolas; RAMOS, NIEVES José Manuel; BARUCHET, Michaël Frédéric Henri  
(74) Spruson & Ferguson
- 
- (71) SpiderOak, Inc.  
(11) AU-A-2021244365  
(21) 2021244365 (22) 23.03.2021  
(54) Integration of a block chain, managing group authority and access in an enterprise environment  
(51) Int. Cl.  
**G06F 21/00** ( 2013.01 )  
**G06F 21/60** ( 2013.01 )  
**G06F 21/62** ( 2013.01 )
- (87) WO2021/195052  
(31) 16/828,003 (32) 24.03.20 (33) US  
(43) 30.09.2021  
(72) MOORE, Jonathan Andrew Crockett  
(74) CreatelP
- 
- (71) SPI Pharma, Inc.  
(11) AU-A-2021273083  
(21) 2021273083 (22) 14.05.2021  
(54) Compositions and methods for hardening

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

- (51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 31/195** ( 2006.01 )  
(87) WO2021/231946  
(31) 63/025,362 (32) 15.05.20 (33) US  
(43) 18.11.2021  
(72) WILSON, Brian; SIMON, Greg;  
MACLEOD, Graeme  
(74) AJ PARK
- 
- (71) Stepan Company  
(11) AU-A-2021262730  
(21) 2021262730 (22) 26.04.2021  
(54) Concentrated liquid esterquat compositions  
(51) Int. Cl.  
**C07C 219/06** ( 2006.01 )  
**C11D 1/62** ( 2006.01 )  
**C11D 3/00** ( 2006.01 )  
(87) WO2021/222083  
(31) 63/017,976 (32) 30.04.20 (33) US  
(43) 04.11.2021  
(72) MURPHY, Dennis S.; MERWIN, Kathryn E.; GERMAIN, Teresa; WOLFE, Patrick Shane  
(74) Spruson & Ferguson
- 
- (71) Stepan Company  
(11) AU-A-2021263558  
(21) 2021263558 (22) 26.04.2021  
(54) Solid compositions containing amine, protonated amine or quaternary ammonium compounds  
(51) Int. Cl.  
**A61K 31/56** ( 2006.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61K 36/24** ( 2006.01 )  
(87) WO2021/222079  
(31) 63/017,362 (32) 29.04.20 (33) US  
(43) 04.11.2021  
(72) MURPHY, Dennis S.; MERWIN, Kathryn E.; GERMAIN, Teresa; SANDERS, Aaron; GANGULY-MINK, Sangeeta  
(74) Spruson & Ferguson
- 
- (71) Stora Enso Oyj  
(11) AU-A-2021267922  
(21) 2021267922 (22) 04.05.2021  
(54) Container for liquid containing food products  
(51) Int. Cl.  
**B65D 1/34** ( 2006.01 )  
**B31B 50/59** ( 2017.01 )  
**B65D 1/40** ( 2006.01 )  
**B65D 77/20** ( 2006.01 )  
**B65D 81/34** ( 2006.01 )  
**B31B 110/35** ( 2017.01 )  
(87) WO2021/224770  
(31) 2050511-1 (32) 04.05.20 (33) SE  
(43) 11.11.2021  
(72) RIBU, Ville; MIIKKI, Nina; HILTUNEN, Mari; VARIS, Juha; TANNINEN, Panu; KAINUSALMI, Mika  
(74) Spruson & Ferguson
- 
- (71) Sulfagenix, Inc.  
(11) AU-A-2021268622  
(21) 2021268622 (22) 04.05.2021  
(54) Treatment of viral infections  
(51) Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**A61K 31/7072** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**A61K 31/708** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
(87) WO2021/226037  
(31) 63/019,757 (32) 04.05.20 (33) US  
(43) 11.11.2021  
(72) GOJON-ROMANILLOS, Gabriel; GOJON-ZORRILLA, Gabriel  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) Suntory Holdings Limited  
(11) AU-A-2021249347  
(21) 2021249347 (22) 26.03.2021  
(54) Composition for improving friendliness and/or empathetic capacity  
(51) Int. Cl.  
**A61P 25/00** ( 2006.01 )  
**A23L 33/12** ( 2016.01 )  
**A61K 31/202** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
(87) WO2021/200698  
(31) 2020-065996 (32) 01.04.20 (33) JP  
(43) 07.10.2021  
(72) TOKUDA, Hisanori; TAKASHIRO, Mika; SUEYASU, Toshiaki  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Suntory Holdings Limited  
(11) AU-A-2021252728  
(21) 2021252728 (22) 01.04.2021  
(54) Composition for suppressing cellular senescence, and method for suppressing cellular senescence  
(51) Int. Cl.  
**A61P 43/00** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A61K 8/49** ( 2006.01 )  
**A61K 31/36** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
(87) WO2021/205975  
(31) 2020-070557 (32) 09.04.20 (33) JP  
(43) 14.10.2021  
(72) YAGITA, Yuki; ONO, Yoshiko  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Suntory Holdings Limited  
(11) AU-A-2021264192  
(21) 2021264192 (22) 27.04.2021  
(54) Beverage containing rebaudioside A, method for producing same, and method for reducing bitterness of rebaudioside A  
(51) Int. Cl.  
**A23L 27/00** ( 2016.01 )  
**A23L 2/00** ( 2006.01 )  
**A23L 2/60** ( 2006.01 )  
(87) WO2021/221033  
(31) 2020-079217 (32) 28.04.20 (33) JP
- 
- (43) 04.11.2021  
(72) YOSHII, Takaaki; HATA, Yuto; NAKAHARA, Koichi; UEMURA, Masahide  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Swiss Coffee Innovation AG  
(11) AU-A-2021259219  
(21) 2021259219 (22) 20.04.2021  
(54) Method for coating a compacted powder cake, in particular for producing a capsule containing beverage powder  
(51) Int. Cl.  
**A23F 3/32** ( 2006.01 )  
**A23F 5/38** ( 2006.01 )  
**A23P 10/25** ( 2016.01 )  
**B65D 85/804** ( 2006.01 )  
(87) WO2021/214047  
(31) 20170381.6 (32) 20.04.20 (33) EP  
(43) 28.10.2021  
(72) NICKEL, Axel  
(74) FB Rice Pty Ltd
- 
- (71) SWM Luxembourg  
(11) AU-A-2021271302  
(21) 2021271302 (22) 11.05.2021  
(54) Oil resistant article  
(51) Int. Cl.  
**D21H 19/20** ( 2006.01 )  
**B65D 65/42** ( 2006.01 )  
**D21H 19/34** ( 2006.01 )  
**D21H 21/16** ( 2006.01 )  
**D21H 27/10** ( 2006.01 )  
(87) WO2021/229451  
(31) 63/023,047 (32) 11.05.20 (33) US  
(43) 18.11.2021  
(72) CERQUEIRA, Flávia Queiroz; MOTIN, Vincent  
(74) Spruson & Ferguson
- 
- (71) Tebulo Industrial Automation B.V.  
(11) AU-A-2021263057  
(21) 2021263057 (22) 26.04.2021  
(54) Robot actuated tool changer and method for changing a tool  
(51) Int. Cl.  
**C23C 2/00** ( 2006.01 )  
**B23Q 3/155** ( 2006.01 )  
(87) WO2021/219566  
(31) 2025447 (32) 28.04.20 (33) NL  
(43) 04.11.2021  
(72) SPAANS, Johan  
(74) Griffith Hack
- 
- (71) Tekerlek, K.  
(11) AU-A-2021269008  
(21) 2021269008 (22) 03.05.2021  
(54) Input device  
(51) Int. Cl.  
**G06F 3/0338** ( 2013.01 )  
**G06F 3/01** ( 2006.01 )  
**G06F 3/0354** ( 2013.01 )  
(87) WO2021/224181  
(31) PCT/EP2020/062451 (32) 05.05.20 (33) EP  
(43) 11.11.2021  
(72) TEKERLEK, Korkut  
(74) Raven IP

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

- 
- (71) Temasek Polytechnic  
 (11) AU-A-2021255746  
 (21) 2021255746 (22) 13.04.2021  
 (54) Dialysate regenerator comprising reversible retainer  
 (51) Int. Cl.  
**A61M 1/16** ( 2006.01 )  
**A61M 1/28** ( 2006.01 )  
**B01J 39/00** ( 2006.01 )  
**B01J 47/00** ( 2017.01 )  
 (87) WO2021/211060  
 (31) 10202003361W (32) 13.04.20 (33) SG  
 10202003363P 13.04.20 SG  
 10202003365X 13.04.20 SG  
 (43) 21.10.2021  
 (72) BLUECHEL, Christian Gert; SAGUN, Cathy Padua; TANG, Puay Meng; LIN, Liutong; ZHANG, Hua; LEE, Keng Hong  
 (74) FB Rice Pty Ltd
- 
- (71) TeneoBio, Inc.  
 (11) AU-A-2021263448  
 (21) 2021263448 (22) 29.04.2021  
 (54) Multispecific heavy chain antibodies with modified heavy chain constant regions  
 (51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2021/222578  
 (31) 63/017,589 (32) 29.04.20 (33) US  
 63/108,796 02.11.20 US  
 (43) 04.11.2021  
 (72) HARRIS, Katherine; SCHELLENBERGER, Ute; VAFA, Omid; TRINKLEIN, Nathan; VAN SCHOOTEN, Wim; FORCE ALDRED, Shelley; PHAM, Duy; CLARKE, Starlynn  
 (74) Griffith Hack
- 
- (71) Terns, Inc.  
 (11) AU-A-2021241646  
 (21) 2021241646 (22) 25.03.2021  
 (54) Treatment of respiratory disorders  
 (51) Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**A61K 35/76** ( 2015.01 )  
**A61K 39/12** ( 2006.01 )  
 (87) WO2021/195435  
 (31) 62/994,617 (32) 25.03.20 (33) US  
 (43) 30.09.2021  
 (72) FENAUX, Martijn; JONES, Christopher T.; QUIRK, Erin K.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
 (11) AU-A-2021268634  
 (21) 2021268634 (22) 04.05.2021  
 (54) Compositions, systems, and methods for the generation, identification, and characterization of effector domains for activating and silencing gene expression  
 (51) Int. Cl.
- C12N 9/64** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/567** ( 2006.01 )  
 (87) WO2021/226077  
 (31) 63/019,706 (32) 04.05.20 (33) US  
 63/074,793 04.09.20 US  
 (43) 11.11.2021  
 (72) BASSIK, Michael C.; TYCKO, Josh; HESS, Gaelen T.; BINTU, Lacramioara  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) The Broad Institute, Inc.  
 (11) AU-A-2021265832  
 (21) 2021265832 (22) 29.04.2021  
 (54) Machine learning accelerated protein engineering through fitness prediction  
 (51) Int. Cl.  
**G16B 35/10** ( 2019.01 )  
**G16B 40/20** ( 2019.01 )  
 (87) WO2021/222636  
 (31) 63/017,510 (32) 29.04.20 (33) US  
 (43) 04.11.2021  
 (72) DEVERMAN, Benjamin E.; EID, Fatmaelzahraa Sobhy Abdelmouty; CHAN, Ken Y.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The Council of the Queensland Institute of Medical Research  
 (11) AU-A-2021263337  
 (21) 2021263337 (22) 28.04.2021  
 (54) Human cytomegalovirus polyepitope vaccine composition  
 (51) Int. Cl.  
**C07K 14/045** ( 2006.01 )  
**A61K 31/711** ( 2006.01 )  
**A61K 38/04** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 39/245** ( 2006.01 )  
**A61K 39/39** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
 (87) WO2021/217206  
 (31) 2020901334 (32) 28.04.20 (33) AU  
 (43) 04.11.2021  
 (72) KHANA, Rajiv; DASARI, Vijayendra  
 (74) James & Wells Intellectual Property
- 
- (71) The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone; An-nexon, Inc.  
 (11) AU-A-2021278819  
 (21) 2021278819 (22) 05.05.2021  
 (54) Compositions and methods for treating epilepsy  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )  
**G01N 33/532** ( 2006.01 )  
 (87) WO2021/242493  
 (31) 63/020,245 (32) 05.05.20 (33) US  
 (43) 02.12.2021  
 (72) PAZ, Jeanne T.; SANKARANARAYANAN, Sethu; YEDNOCK, Ted  
 (74) Pearce IP Pty Ltd
- 
- (71) The Johns Hopkins University  
 (11) AU-A-2021259868  
 (21) 2021259868 (22) 23.04.2021  
 (54) Compositions and methods comprising dendrimers and therapeutic agents  
 (51) Int. Cl.  
**A61K 31/4188** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61K 47/50** ( 2017.01 )  
**A61K 47/59** ( 2017.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2021/217086  
 (31) 63/015,118 (32) 24.04.20 (33) US  
 (43) 28.10.2021  
 (72) KANNAN, Sujatha; RAIS, Rana; RANGARAMANUJAM, Kannan; SHARMA, Anjali; SLUSHER, Barbara; TALLON, Carolyn; THOMAS, Ajit; PANDEY, Ranjeev Kumar; POWELL, Jonathan  
 (74) RnB IP
- 
- (71) The KMN Fulfilment Trust  
 (11) AU-A-2021272454  
 (21) 2021272454 (22) 07.05.2021  
 (54) An electric generator having plural stators  
 (51) Int. Cl.  
**H02K 16/04** ( 2006.01 )  
**H02K 1/27** ( 2006.01 )  
**H02K 19/20** ( 2006.01 )  
**H02K 19/24** ( 2006.01 )  
**H02K 21/12** ( 2006.01 )  
**H02K 21/14** ( 2006.01 )  
**H02K 21/16** ( 2006.01 )  
 (87) WO2021/229391  
 (31) 2020/02703 (32) 13.05.20 (33) ZA  
 (43) 18.11.2021  
 (72) MAKGERU, Kabu, Walter  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin  
 (11) AU-A-2021248616  
 (21) 2021248616 (22) 02.04.2021  
 (54) A heat exchanger and uses thereof  
 (51) Int. Cl.  
**H02S 40/42** ( 2014.01 )  
**B21D 53/02** ( 2006.01 )  
**F28F 3/02** ( 2006.01 )  
**F28F 13/12** ( 2006.01 )  
 (87) WO2021/198521  
 (31) 20168051.9 (32) 03.04.20 (33) EP  
 (43) 07.10.2021  
 (72) MCCLOSKEY, David  
 (74) MOSAIC IP
- 
- (71) The Regents of the University of California; ShangPharma Innovation Inc.  
 (11) AU-A-2021264016  
 (21) 2021264016 (22) 30.04.2021  
 (54) Inhibitors of alpha 2 beta 1 integrin and methods of use thereof



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

- (51) Int. Cl.  
**A61K 31/17** ( 2006.01 )  
**C07C 275/16** ( 2006.01 )  
**C07C 275/24** ( 2006.01 )
- (87) WO2021/222789  
(31) 63/019,023 (32) 01.05.20 (33) US  
(43) 04.11.2021  
(72) SHEPPARD, Dean; DEGRADO, William F.; SUNDARAM, Aparna; JO, Hyunil; BERESIS, Richard; ADLER, Marc  
(74) RnB IP
- 
- (71) The Regents of the University of California  
(11) AU-A-2021269051  
(21) 2021269051 (22) 07.05.2021  
(54) Apparatus and methods for pulmonary monitoring  
(51) Int. Cl.  
**G16H 50/20** ( 2018.01 )
- (87) WO2021/226464  
(31) 63/022,221 (32) 08.05.20 (33) US  
(43) 11.11.2021  
(72) ESKANDARI, Mona; SATTARI, Samaneh  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) The Schepens Eye Research Institute, Inc.  
(11) AU-A-2021261241  
(21) 2021261241 (22) 16.04.2021  
(54) Methods and materials for treatment of fibrosis  
(51) Int. Cl.  
**A61K 31/7088** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )
- (87) WO2021/216378  
(31) 63/014,194 (32) 23.04.20 (33) US  
63/129,418 22.12.20 US  
(43) 28.10.2021  
(72) ARBOLEDA-VELASQUEZ, Joseph F.; KIM, Leo A.  
(74) RnB IP Pty Ltd
- 
- (71) The University of Sydney  
(11) AU-A-2021264332  
(21) 2021264332 (22) 30.04.2021  
(54) A radar system having a photonics-based signal generator  
(51) Int. Cl.  
**G01S 13/02** ( 2006.01 )  
**A61B 5/021** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**G01S 7/00** ( 2006.01 )  
**G01S 7/28** ( 2006.01 )  
**G01S 7/292** ( 2006.01 )  
**G01S 13/22** ( 2006.01 )  
**G01S 13/26** ( 2006.01 )  
**G01S 13/90** ( 2006.01 )  
**G01S 17/88** ( 2006.01 )  
**H04B 10/70** ( 2013.01 )  
**H04B 10/80** ( 2013.01 )
- (87) WO2021/217216  
(31) 2020901389 (32) 01.05.20 (33) AU
- (43) 04.11.2021  
(72) ZHANG, Ziqian; LIU, Yang; EGGLETON, Benjamin John  
(74) Spruson & Ferguson
- 
- (71) THRV, LLC  
(11) AU-A-2021247167  
(21) 2021247167 (22) 31.03.2021  
(54) Systems and methods for determining product roadmap investment decisions and risk assessment  
(51) Int. Cl.  
**G06Q 40/06** ( 2012.01 )
- (87) WO2021/202792  
(31) 63/003,008 (32) 31.03.20 (33) US  
(43) 07.10.2021  
(72) HAYNES III, James M.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Timing Biotech Technology Co. Ltd.  
(11) AU-A-2021271981  
(21) 2021271981 (22) 14.05.2021  
(54) Micronuclei DNA from peripheral red blood cells and uses thereof  
(51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**C12Q 1/6806** ( 2018.01 )
- (87) WO2021/228246  
(31) PCT/ (32) 15.05.20 (33) CN  
CN2020/090545  
(43) 18.11.2021  
(72) GAO, Xiaofei; SUN, Haobo; YAO, Xingyun; LI, Ying  
(74) Spruson & Ferguson
- 
- (71) Toner, D.  
(11) AU-A-2021240374  
(21) 2021240374 (22) 29.03.2021  
(54) Wasp feeding station  
(51) Int. Cl.  
**A01K 53/00** ( 2006.01 )  
**A01K 67/033** ( 2006.01 )
- (87) WO2021/191472  
(31) S2020/0051 (32) 27.03.20 (33) IE  
(43) 30.09.2021  
(72) TONER, Daradh  
(74) Spruson & Ferguson
- 
- (71) Topsoe A/S  
(11) AU-A-2021295431  
(21) 2021295431 (22) 24.06.2021  
(54) A structured catalyst  
(51) Int. Cl.  
**B01J 19/24** ( 2006.01 )
- (87) WO2021/260108  
(31) 20182507.2 (32) 26.06.20 (33) EP  
(43) 30.12.2021  
(72) KLEIN, Robert; HANSEN, Anders Helbo; BOE, Michael; MORTENSEN, Peter Mølgaard; GYDE THOMSEN, Søren  
(74) Griffith Hack
- 
- (71) Tricord Solutions, Inc.  
(11) AU-A-2021267828  
(21) 2021267828 (22) 16.04.2021  
(54) Fastener driving apparatus  
(51) Int. Cl.  
**B25C 1/04** ( 2006.01 )  
**B25C 1/06** ( 2006.01 )
- (87) WO2021/225770  
(31) 63/020,299 (32) 05.05.20 (33) US  
16/897,304 10.06.20 US  
17/168,191 05.02.21 US  
(43) 11.11.2021  
(72) PEDICINI, Christopher; WITZIGREUTER, John  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Tritana Intellectual Property Ltd.  
(11) AU-A-2021323989  
(21) 2021323989 (22) 28.07.2021  
(54) Belt drive for a weed seed destructor of a combine harvester  
(51) Int. Cl.  
**A01D 41/12** ( 2006.01 )  
**A01F 12/40** ( 2006.01 )  
**A01F 12/44** ( 2006.01 )  
**A01M 21/02** ( 2006.01 )
- (87) WO2022/032376  
(31) 63/065,609 (32) 14.08.20 (33) US  
(43) 17.02.2022  
(72) MAYERLE, Dean  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Tronox LLC  
(11) AU-A-2021324980  
(21) 2021324980 (22) 13.08.2021  
(54) Anti-corrosion titanium dioxide pigments  
(51) Int. Cl.  
**C09C 1/36** ( 2006.01 )  
**C09D 5/08** ( 2006.01 )  
**C23F 11/167** ( 2006.01 )
- (87) WO2022/036260  
(31) 63/065,834 (32) 14.08.20 (33) US  
(43) 17.02.2022  
(72) SU, Quan; GOPARAJU, Venkata Rama Rao  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Truma Gerätetechnik GmbH & Co. KG  
(11) AU-A-2021363005  
(21) 2021363005 (22) 14.07.2021  
(54) Device for heating a medium  
(51) Int. Cl.  
**F23D 11/40** ( 2006.01 )  
**F23M 9/10** ( 2006.01 )
- (87) WO2022/078619  
(31) 10 2020 006 264.4 (32) 12.10.20 (33) DE  
(43) 21.04.2022  
(72) ARMBRUSTER, Uwe  
(74) Spruson & Ferguson
- 
- (71) TWINPIG BIOLAB, INC.  
(11) AU-A-2022201911  
(21) 2022201911 (22) 04.02.2022  
(54) Peptides targeting macrophages, and conjugates, compositions, and uses thereof

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

- (51) Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
**C07K 19/00** ( 2006.01 )
- (31) 63/185,503 (32) 07.05.21 (33) US  
(43) 24.11.2022  
(72) BAE, Hyunsu; HAN, Ik-Hwan; KANG, Moonkyu; CHOI, Hongseo; CHOI, Jeongyoon; LEE, Heekyung  
(74) Spruson & Ferguson
- 
- (71) Universite Claude Bernard Lyon 1; NH TherAguix; Centre Georges-François Leclerc; The Brigham and Women's Hospital, Inc.  
(11) AU-A-2021270780  
(21) 2021270780 (22) 11.05.2021  
(54) Methods for image-guided radiotherapy  
(51) Int. Cl.  
**A61K 41/00** ( 2020.01 )  
**A61K 47/69** ( 2017.01 )  
**A61K 49/18** ( 2006.01 )  
**A61N 5/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2021/228867  
(31) 20305503.3 (32) 15.05.20 (33) EP  
(43) 18.11.2021  
(72) LUX, François; TILLEMENT, Olivier; LE DUC, Géraldine; MEYZAUD, Aurélien; ROUFFIAC, Magali; MIRJOLET, Céline; CAGNEY, Daniel; BERBECO, Ross; VIRANI, Needa  
(74) Spruson & Ferguson
- 
- (71) University of Arkansas Technology Ventures  
(11) AU-A-2021258210  
(21) 2021258210 (22) 22.04.2021  
(54) Device for ambient thermal and vibration energy harvesting  
(51) Int. Cl.  
**H02N 2/18** ( 2006.01 )  
**H02M 7/00** ( 2006.01 )  
**H02N 2/00** ( 2006.01 )
- (87) WO2021/216870  
(31) 63/013,631 (32) 22.04.20 (33) US  
(43) 28.10.2021  
(72) THIBADO, Paul  
(74) RnB IP Pty Ltd
- 
- (71) University of Dundee  
(11) AU-A-2021260815  
(21) 2021260815 (22) 21.04.2021  
(54) Protein degradation  
(51) Int. Cl.  
**C12N 9/10** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )
- (87) WO2021/214183  
(31) 2005876.4 (32) 22.04.20 (33) GB  
(43) 28.10.2021  
(72) HAY, Ronald T.; IBRAHIM, Adel F.M.; SHEN, Linnan  
(74) Griffith Hack
- 
- (71) University of Houston System  
(11) AU-A-2021265075  
(21) 2021265075 (22) 26.04.2021
- (54) Fast ambient-temperature synthesis of OER catalysts for water electrolysis
- (51) Int. Cl.  
**B01J 23/18** ( 2006.01 )  
**B01J 23/20** ( 2006.01 )  
**C01B 3/02** ( 2006.01 )
- (87) WO2021/222077  
(31) 63/016,490 (32) 28.04.20 (33) US  
(43) 04.11.2021  
(72) REN, Zhifeng; YU, Luo; CHEN, Shuo  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) University of Massachusetts  
(11) AU-A-2021260581  
(21) 2021260581 (22) 20.04.2021  
(54) Oligonucleotides for MSH3 modulation  
(51) Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12Q 1/68** ( 2018.01 )
- (87) WO2021/216556  
(31) 63/012,603 (32) 20.04.20 (33) US  
(43) 28.10.2021  
(72) KHVOROVA, Anastasia; FERGUSON, Chantal  
(74) FB Rice Pty Ltd
- 
- (71) University of Saskatchewan; The University of British Columbia  
(11) AU-A-2021258911  
(21) 2021258911 (22) 19.04.2021  
(54) Compositions and methods for preventing, controlling and diagnosing mycobacterial infections  
(51) Int. Cl.  
**A61K 39/04** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/06** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )
- (87) WO2021/212215  
(31) 63/012,668 (32) 20.04.20 (33) US  
(43) 28.10.2021  
(72) FACCIUOLO, Antonio; GRIEBEL, Philip; GERDTS, Volker; POTTER, Andrew; RAWLYK, Neil; CHEN, Jeffrey; PASTURAL, Elodie; BAINS, Manjeet; TRIMBLE, Michael; LEE, Amy; HANCOCK, Robert  
(74) FB Rice Pty Ltd
- 
- (71) University of Technology Sydney  
(11) AU-A-2021237985  
(21) 2021237985 (22) 19.03.2021  
(54) In-field colour test for screening fentanyl and analogues thereof  
(51) Int. Cl.  
**G01N 21/78** ( 2006.01 )  
**C07C 231/12** ( 2006.01 )  
**C07C 233/36** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
**G01N 33/94** ( 2006.01 )
- (87) WO2021/184082  
(31) 2020900865 (32) 20.03.20 (33) AU
- 
- (43) 23.09.2021  
(72) FU, Shanlin; SHIMMON, Ronald Gibrali; LAURIA, Mélanie Zoe; KLINGBERG, Joshua Charles; CLANCY, Laura Jane  
(74) Spruson & Ferguson
- 
- (71) University of Utah Research Foundation  
(11) AU-A-2021251845  
(21) 2021251845 (22) 07.04.2021  
(54) Methods for rehabilitating heart failure using gene therapy  
(51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 15/79** ( 2006.01 )  
**C12N 15/83** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )
- (87) WO2021/207327  
(31) 63/007,229 (32) 08.04.20 (33) US  
63/088,123 06.10.20 US  
(43) 14.10.2021  
(72) HONG, TingTing; SHAW, Robin Mark  
(74) Griffith Hack
- 
- (71) UV Innovators, LLC  
(11) AU-A-2021265870  
(21) 2021265870 (22) 30.04.2021  
(54) Ultraviolet (UV) light emission device employing visible light for operation guidance and/or target distance guidance, and related methods of use, particularly suited for decontamination  
(51) Int. Cl.  
**A61L 2/10** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
**A61L 9/20** ( 2006.01 )
- (87) WO2021/222811  
(31) 63/019,231 (32) 01.05.20 (33) US  
63/079,193 16.09.20 US  
17/139,342 31.12.20 US  
17/139,448 31.12.20 US  
17/139,537 31.12.20 US  
17/139,578 31.12.20 US
- (43) 04.11.2021  
(72) GRENON, Stephen Michael; MEDENDORP Jr., Nicholas William; LIDDLE, Scott Eric; ROSINO, Jeffery Michael; LUCK, Nathan Thomas  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Vanderbilt University  
(11) AU-A-2021261341  
(21) 2021261341 (22) 21.04.2021  
(54) Hyolaryngeal suspension for treating sleep disordered breathing  
(51) Int. Cl.  
**A61F 5/56** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )
- (87) WO2021/216724  
(31) 63/013,678 (32) 22.04.20 (33) US  
(43) 28.10.2021  
(72) KENT David T.  
(74) ACROGON GROUP PTY LTD

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

- (71) Vega Therapeutics, Inc.  
 (11) AU-A-2021268943  
 (21) 2021268943 (22) 05.05.2021  
 (54) Protein S antibodies, methods of making and uses thereof  
 (51) Int. Cl.  
**C07K 16/36** ( 2006.01 )  
 (87) WO2021/226243  
 (31) 63/020,505 (32) 05.05.20 (33) US  
 63/169,755 01.04.21 US  
 (43) 11.11.2021  
 (72) PANICKER, Sandip; ROSENTHAL, Adam David; BYUN, Tony SangYoung; DONG, Quehuong Thi  
 (74) RNB IP PTY LTD
- 
- (71) Vivo Mobile Communication Co., Ltd.  
 (11) AU-A-2021247741  
 (21) 2021247741 (22) 30.03.2021  
 (54) Resource selection method, terminal and network side device  
 (51) Int. Cl.  
**H04W 72/02** ( 2009.01 )  
**H04W 4/40** ( 2018.01 )  
 (87) WO2021/197316  
 (31) 202010252514.1 (32) 01.04.20 (33) CN  
 (43) 07.10.2021  
 (72) PENG, Shuyan; JI, Zichao; LIU, Shixiao  
 (74) Adams Pluck
- 
- (71) VoR Environmental Australia Pty Ltd  
 (11) AU-A-2021262229  
 (21) 2021262229 (22) 30.04.2021  
 (54) Methods and systems for grit removal from waste water  
 (51) Int. Cl.  
**B01D 21/24** ( 2006.01 )  
**B01D 21/26** ( 2006.01 )  
**B04C 1/00** ( 2006.01 )  
**C02F 1/38** ( 2006.01 )  
**E03F 5/14** ( 2006.01 )  
 (87) WO2021/217213  
 (31) 2020901390 (32) 01.05.20 (33) AU  
 (43) 04.11.2021  
 (72) LEMONT, Lisa Beth; HO, Vincent Khee Sin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) V-Wave Ltd.  
 (11) AU-A-2021267920  
 (21) 2021267920 (22) 29.04.2021  
 (54) Devices with dimensions that can be reduced and increased in vivo  
 (51) Int. Cl.  
**A61B 17/00** ( 2006.01 )  
 (87) WO2021/224736  
 (31) 63/019,777 (32) 04.05.20 (33) US  
 16/875,652 15.05.20 US  
 17/092,081 06.11.20 US  
 (43) 11.11.2021  
 (72) NAE, Nir; BUKHDRUKER, Nathan; WARDLE, John; WHITING, James S.; ROSEN, Lior; ROZENFELD, Erez; HAFELFINGER, Werner; EIGLER, Neal  
 (74) HENRY HUGHES IP LTD
- 
- (71) Waterco Limited  
 (11) AU-A-2021240817  
 (21) 2021240817 (22) 22.03.2021  
 (54) Water sanitisation device, system and method  
 (51) Int. Cl.  
**C02F 1/461** ( 2006.01 )  
**A01N 59/08** ( 2006.01 )  
**C02F 1/467** ( 2006.01 )  
**C02F 1/76** ( 2006.01 )  
**E04H 4/12** ( 2006.01 )  
**C02F 103/42** ( 2006.01 )  
 (87) WO2021/189103  
 (31) 2020900876 (32) 23.03.20 (33) AU  
 (43) 30.09.2021  
 (72) BRISCOE, Nicholas James  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Weber Mining & Tunnelling  
 (11) AU-A-2021267679  
 (21) 2021267679 (22) 04.05.2021  
 (54) Two-component composition for forming an injectable or pumpable organo-mineral material, and associated sealing methods and uses  
 (51) Int. Cl.  
**C08G 18/38** ( 2006.01 )  
**C04B 28/26** ( 2006.01 )  
**C08G 18/10** ( 2006.01 )  
**C08G 18/18** ( 2006.01 )  
**C08G 18/30** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**C09K 17/46** ( 2006.01 )  
**E21D 20/02** ( 2006.01 )  
**C04B 111/00** ( 2006.01 )  
 (87) WO2021/224218  
 (31) FR2004522 (32) 07.05.20 (33) FR  
 (43) 11.11.2021  
 (72) KOELLISCH, Didier; WEBER, Frank  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Weir Slurry Group, Inc.  
 (11) AU-A-2021280408  
 (21) 2021280408 (22) 28.05.2021  
 (54) Alignment portions on main liner for a pump  
 (51) Int. Cl.  
**F04D 29/42** ( 2006.01 )  
**F04D 7/02** ( 2006.01 )  
**F04D 29/22** ( 2006.01 )  
**F04D 29/62** ( 2006.01 )  
 (87) WO2021/237304  
 (31) 63/032,104 (32) 29.05.20 (33) US  
 2020902178 29.06.20 AU  
 (43) 02.12.2021  
 (72) KOSMICKI, Randy James; BOURGEOIS, Ronald Joseph  
 (74) WEIR MINERALS AUSTRALIA LTD
- 
- (71) Yeda Research and Development Co. Ltd.  
 (11) AU-A-2021245409  
 (21) 2021245409 (22) 29.03.2021  
 (54) Variants of beta-glucocerebrosidase for use in treating Gaucher Disease  
 (51) Int. Cl.  
**A61P 25/00** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
 (87) WO2021/199039
- 
- (31) 273684 (32) 29.03.20 (33) IL  
 63/049,685 09.07.20 US  
 (43) 07.10.2021  
 (72) FUTERMAN, Anthony H.; SILMAN, Israel; SUSSMAN, Joel L.; FLEISHMAN, Sarel; GOLDENZWEIG, Adi; POKORNA, Sarka; ASHANI, Yaacov; KHERSONSKY, Olga  
 (74) Davies Collison Cave Pty Ltd

Numerical Index

<b>2019348050</b>	RCR Mining Technologies Pty Ltd	<b>2021247882</b>	ENEOS Corporation
<b>2020351560</b>	Joint Stock Company "BIOCAD"	<b>2021248176</b>	Fujitsu General Limited
<b>2020437452</b>	ARRIS Enterprises LLC	<b>2021248179</b>	Daikyo Seiko, Ltd.
<b>2020439474</b>	Drexel University	<b>2021248616</b>	The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin
<b>2020439845</b>	ERO GmbH	<b>2021248803</b>	Numat Technologies Inc.
<b>2020440785</b>	GD Midea Air-Conditioning Equipment Co., Ltd.	<b>2021249145</b>	Obvius Robotics, Inc.
<b>2020443206</b>	Metso Outotec Finland Oy	<b>2021249347</b>	Suntory Holdings Limited
<b>2020446353</b>	Dematic GmbH	<b>2021250670</b>	Matrix Module GmbH
<b>2020446636</b>	Dematic GmbH; Dematic Pty. Ltd.	<b>2021251658</b>	Datto, Inc.
<b>2020448813</b>	Good News Medical Co., Ltd.	<b>2021251845</b>	University of Utah Research Foundation
<b>2020448904</b>	Essity Hygiene and Health Aktiebolag	<b>2021252237</b>	Bumblebee A.I Ltd.
<b>2020448906</b>	Essity Hygiene and Health Aktiebolag	<b>2021252728</b>	Suntory Holdings Limited
<b>2020452200</b>	Hubei Institute of Aerospace Chemical Technology	<b>2021252821</b>	Biotempt B.V.
<b>2020453087</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2021253594</b>	Extrakt Process Solutions, LLC
<b>2020454685</b>	Essity Hygiene and Health Aktiebolag	<b>2021253820</b>	Aliada Therapeutics, Inc.
<b>2020454830</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2021253821</b>	Aliada Therapeutics, Inc.
<b>2020454858</b>	Essity Hygiene and Health Aktiebolag	<b>2021254270</b>	Northwestern University
<b>2020455765</b>	Halliburton Energy Services, Inc.	<b>2021255047</b>	Panasonic Intellectual Property Corporation of America
<b>2020483730</b>	Monocrom, S.L.	<b>2021255734</b>	Baek Clinical Inc.
<b>2021216571</b>	Emoji ID, LLC	<b>2021255735</b>	Baek Clinical Inc.
<b>2021237737</b>	Orbis Diagnostics Limited; Simpson, M.C.	<b>2021255746</b>	Temasek Polytechnic
<b>2021237985</b>	University of Technology Sydney	<b>2021255918</b>	MaaT Pharma
<b>2021238499</b>	Elenium Automation Pty Ltd	<b>2021256054</b>	Baek Clinical Inc.
<b>2021239708</b>	Samsung Life Public Welfare Foundation; Encell Co., Ltd.	<b>2021256737</b>	Pauletto, G.
<b>2021240374</b>	Toner, D.	<b>2021256788</b>	Shanghai Haiyan Pharmaceutical Technology Co., Ltd.; Yangtze River Pharmaceutical Group Co., Ltd.
<b>2021240470</b>	Diagnostics for the Real World, Ltd	<b>2021256801</b>	Bio-Cancer Treatment International Limited
<b>2021240488</b>	Shanghai Quicktron Intelligent Technology Co., Ltd	<b>2021256845</b>	Eidgenössische Technische Hochschule Zürich
<b>2021240817</b>	Waterco Limited	<b>2021257253</b>	Liquid Controls LLC
<b>2021240819</b>	smartDNA Pty Ltd	<b>2021257255</b>	Crown Scientific, L.L.C.
<b>2021241126</b>	Bosch Corporation	<b>2021257353</b>	Baek Clinical Inc.
<b>2021241294</b>	LG Electronics Inc.	<b>2021257354</b>	Baek Clinical Inc.
<b>2021241458</b>	Bristol-Myers Squibb Company	<b>2021258193</b>	Flagship Pioneering, Inc.
<b>2021241550</b>	Orbit Fab, Inc.; PUTMAN, Phil; KNAUER, Larry	<b>2021258194</b>	Indapta Therapeutics, Inc.
<b>2021241610</b>	Expensify, Inc.	<b>2021258210</b>	University of Arkansas Technology Ventures
<b>2021241643</b>	Sana Biotechnology, Inc.	<b>2021258334</b>	Lifevault Bio, Inc.
<b>2021241646</b>	Terns, Inc.	<b>2021258467</b>	Arch UK Biocides Ltd; Arxada, LLC
<b>2021241812</b>	Creanova Universal Closures Ltd.	<b>2021258480</b>	Sandvik Mining and Construction Lyon SAS; Sandvik Mining and Construction Oy
<b>2021242110</b>	CKD Bio Corporation	<b>2021258577</b>	Moovit App Global Ltd.
<b>2021242475</b>	ENEOS Corporation	<b>2021258695</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2021242795</b>	Elenium Automation Pty Ltd	<b>2021258813</b>	Caterpillar Inc.
<b>2021243743</b>	MeiraGTX UK II Limited	<b>2021258822</b>	Caterpillar Inc.
<b>2021243894</b>	LG Electronics Inc.	<b>2021258905</b>	Nauti-Craft Pty Ltd
<b>2021243961</b>	CollPlant Ltd.	<b>2021258911</b>	University of Saskatchewan; The University of British Columbia
<b>2021244200</b>	Bristol-Myers Squibb Company	<b>2021258916</b>	Medicago Inc.; Hendin, H.; Ward, B.
<b>2021244241</b>	Sinopia Biosciences, Inc.	<b>2021259164</b>	Bose Corporation
<b>2021244365</b>	SpiderOak, Inc.	<b>2021259184</b>	Myriad Genetics, Inc.
<b>2021244464</b>	Fusion Pharmaceuticals Inc.	<b>2021259219</b>	Swiss Coffee Innovation AG
<b>2021244466</b>	Evoqua Water Technologies LLC	<b>2021259335</b>	Arch UK Biocides Ltd
<b>2021244555</b>	Generation Bio Co.	<b>2021259459</b>	Georgia Tech Research Corporation
<b>2021244846</b>	HaemaLogiX Ltd	<b>2021259580</b>	Anima Biotech Inc.
<b>2021245403</b>	Mara Renewables Corporation	<b>2021259583</b>	Recurium IP Holdings, LLC
<b>2021245409</b>	Yeda Research and Development Co. Ltd.	<b>2021259868</b>	The Johns Hopkins University
<b>2021245680</b>	Daikyo Seiko, Ltd.	<b>2021259872</b>	Inscripta, Inc.
<b>2021245855</b>	Numat Technologies Inc.	<b>2021260003</b>	Kyocera Corporation
<b>2021245915</b>	Kimberly-Clark Worldwide, Inc.	<b>2021260029</b>	Bayer Aktiengesellschaft
<b>2021246368</b>	ENEOS Corporation	<b>2021260069</b>	Denka Company Limited
<b>2021246484</b>	Kimberly-Clark Worldwide, Inc.	<b>2021260099</b>	BioNTech SE
<b>2021246531</b>	Altius Institute for Biomedical Sciences; The Brigham and Women's Hospital, Inc.	<b>2021260168</b>	Bassoo, N.
<b>2021247046</b>	Best Perwira Gloves Sdn Bhd	<b>2021260292</b>	Haier Smart Home Co., Ltd.; Qingdao Haier Refrigerator Co., Ltd; Haier US Appliance Solutions, Inc.
<b>2021247091</b>	CalPro ADAS Solutions, LLC	<b>2021260337</b>	ARS Corporation
<b>2021247167</b>	THRV, LLC	<b>2021260494</b>	Rohm and Haas Company
<b>2021247182</b>	Akili Interactive Labs, Inc.	<b>2021260581</b>	University of Massachusetts
<b>2021247741</b>	Vivo Mobile Communication Co., Ltd.		
<b>2021247791</b>	ENEOS Corporation		
<b>2021247874</b>	ENEOS Corporation		

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

2021260750	Pfizer Inc.; BioNTech SE	2021266106	B. Braun Surgical S.A.; Universitat Politècnica de Catalunya
2021260792	Pharma Mar, S.A.	2021266392	Bayer Aktiengesellschaft
2021260815	University of Dundee	2021266432	Autolus Limited
2021260929	Gilbert, P.	2021266476	Prilenia Neurotherapeutics Ltd.
2021260934	Flagship Pioneering, Inc.	2021266674	Pearson Education, Inc.
2021260960	Dragonfly Therapeutics, Inc.	2021266891	International Business Machines Corporation
2021260977	ASP Global Manufacturing GmbH	2021266917	Arrowes IP Holdings Pty Ltd
2021261047	Scootboot Pty Ltd	2021267200	FineTech Minerals Proprietary Limited
2021261100	Sekisui Chemical Co., Ltd.	2021267387	DermTech, Inc.
2021261147	Duogenic StemCells Corporation	2021267402	Genmab A/S
2021261241	The Schepens Eye Research Institute, Inc.	2021267559	Leschenault Industries Pty Ltd
2021261282	Longeveron Inc.	2021267638	Aviation Works Limited
2021261341	Vanderbilt University	2021267679	Weber Mining & Tunnelling
2021261386	ImmuNext, Inc.	2021267828	Tricord Solutions, Inc.
2021261451	Bayer Aktiengesellschaft	2021267920	V-Wave Ltd.
2021261524	Bayer Aktiengesellschaft	2021267922	Stora Enso Oyj
2021261676	Genexine, Inc.; MSD International GmbH	2021267943	ELECTRA Therapeutics, Inc.
2021262229	VoR Environmental Australia Pty Ltd	2021268007	3D Systems, Inc.
2021262281	Jiangsu Nhwa Pharmaceutical Co., Ltd.	2021268115	Sigvaris AG
2021262412	BASF SE	2021268333	Mayo Foundation for Medical Education and Research; Exact Sciences Development Company, LLC
2021262569	Rhizen Pharmaceuticals AG		President and Fellows of Harvard College
2021262613	Pulsenmore Ltd.	2021268355	Curtin University of Technology
2021262615	Pulsenmore Ltd.	2021268369	Sulfagenix, Inc.
2021262677	Elfa International AB	2021268622	The Board of Trustees of the Leland Stanford Junior University
2021262719	Kansas Soybean Commission	2021268634	Vega Therapeutics, Inc.
2021262730	Stepan Company	2021269007	Ascendis Pharma A/S
2021262766	Sana Biotechnology, Inc.	2021269008	Tekerlek, K.
2021262772	CareFusion 303, Inc.	2021269051	The Regents of the University of California
2021262794	HCW Biologics, Inc.	2021269057	Dowdle, C.; Dowdle, J.; Cruver, C.; Derfny, S.
2021262835	Figene, LLC	2021269130	ELECTRA Therapeutics, Inc.
2021263057	Tebulo Industrial Automation B.V.	2021269176	Rosalind Franklin Institute; vDiamond Light Source Limited; Oxford University Innovation Limited
2021263337	The Council of the Queensland Institute of Medical Research	2021269207	Nexter Systems
2021263383	Plexxikon Inc.	2021269833	ETH Zürich; Neustark AG
2021263448	TeneoBio, Inc.	2021269872	Orion Corporation
2021263529	Honeywell International Inc.	2021270155	Dong-A ST Co., Ltd.; KM Transderm Ltd.
2021263541	Eli Lilly and Company	2021270526	Research Institute at Nationwide Children's Hospital
2021263558	Stepan Company	2021270780	Universite Claude Bernard Lyon 1; NH TherAguix; Centre Georges-François Leclerc; The Brigham and Women's Hospital, Inc.
2021263580	MannKind Corporation		Monsanto Technology LLC
2021263657	Mayo Foundation for Medical Education and Research	2021271088	Sandvik Mining and Construction Tools AB; Sandvik Mining and Construction Australia Pty Ltd
2021263680	Freenome Holdings, Inc.		SWM Luxembourg
2021263760	Acceleron Pharma Inc.	2021271302	Pfizer Inc.
2021263852	Creo Medical Limited	2021271318	Mayekawa MFG. Co., Ltd.
2021264016	The Regents of the University of California; Shang-Pharma Innovation Inc.	2021271478	Timing Biotech Technology Co. Ltd.
2021264028	3R-Cycle Oy	2021271981	The KMN Fulfilment Trust
2021264094	Board of Regents, The University of Texas System	2021272454	Mayekawa MFG. Co., Ltd.
2021264192	Suntory Holdings Limited	2021272789	Nippon Steel Corporation
2021264326	Elfa International AB	2021272824	SPI Pharma, Inc.
2021264332	The University of Sydney	2021273083	Craig, R.
2021264421	Eli Lilly and Company	2021273109	Metabomed Ltd
2021264583	Cure Medical LLC	2021273125	MacroGenics, Inc.
2021264872	RiboPro B.V.	2021273467	Sandvik Mining and Construction Tools AB; Sandvik Mining and Construction OY
2021265031	BASF SE	2021274048	NEC Platforms, Ltd.
2021265032	BASF SE	2021275168	Primetals Technologies Austria GmbH
2021265075	University of Houston System	2021275362	Bosonic AG
2021265107	Fred, T.; Fields, J.	2021275372	Bosonic AG
2021265114	Kao Corporation	2021275373	Genfit
2021265241	Huma Therapeutics Limited	2021275381	Elysis Limited Partnership
2021265261	Laboratory Corporation of America Holdings	2021275450	Société des Produits Nestlé S.A.
2021265350	Pulsenmore Ltd.	2021275459	Formycon AG
2021265595	Pulsenmore Ltd.	2021275574	BAE Systems PLC
2021265597	Pulsenmore Ltd.	2021276336	Cedars-Sinai Medical Center
2021265750	Baylor University	2021276582	Normet Oy
2021265826	Sanford Burnham Prebys Medical Discovery Institute	2021276656	Cybin IRL Limited
2021265832	The Broad Institute, Inc.	2021276912	Novartis AG
2021265834	Hollister Incorporated		
2021265849	MedStar Health, Inc.		
2021265870	UV Innovators, LLC		
2021265998	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, SINOPEC		
2021266044	BASF SE		

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

2021277191	Bayer Healthcare LLC
2021277232	Aditxt, Inc.
2021277402	Inolex Investment Corporation
2021278157	Beijing Tuo Jie Biopharmaceutical Co. Ltd.
2021278273	E.ON Sverige AB
2021278819	The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone; An- nexon, Inc.
2021279033	Camelot UK Bidco Limited
2021279131	Mölnlycke Health Care AB
2021279250	Danmarks Tekniske Universitet
2021279256	Airbus Defence and Space SAS
2021279275	DSM IP Assets B.V.
2021279293	FP BUSINESS INVEST
2021280311	Natera, Inc.
2021280408	Weir Slurry Group, Inc.
2021280953	ABB Schweiz AG
2021281590	Saipem S.A.
2021281643	Pfizer Inc.
2021281884	Samyang Holdings Corporation
2021282324	Mölnlycke Health Care AB
2021282926	Essity Hygiene and Health Aktiebolag
2021284400	A.W. Chesterton Company
2021285201	Pieris Pharmaceuticals GmbH
2021285410	ConvaTec Limited
2021286232	ConvaTec Limited
2021286783	Societe des Produits Nestle S.A.
2021287122	Gencellmed Inc.
2021287256	Marel Meat B.V.
2021287353	Endomagnetics Limited
2021287536	Gencellmed Inc.
2021288824	Societe Des Produits Nestle S.A.
2021288916	F.Hoffmann-La Roche AG; Institut Pasteur
2021291150	International Business Machines Corporation
2021291163	International Business Machines Corporation
2021291673	Alcon Inc.
2021291701	Luigi Lavazza S.p.A.
2021293976	Novartis AG
2021294004	Luigi Lavazza S.p.A.
2021294727	Societe des Produits Nestle S.A.
2021295052	Societe Des Produits Nestle S.A.
2021295431	Topsoe A/S
2021295549	F. Hoffmann-La Roche AG
2021296165	Dana-Farber Cancer Institute, Inc.
2021297778	Dana-Farber Cancer Institute, Inc.
2021298800	Boehringer Ingelheim International GmbH
2021299509	Pear Therapeutics (US), Inc.
2021300178	Agilent Technologies, Inc.
2021301444	Council of Scientific & Industrial Research
2021302334	Neuroloop GmbH
2021306628	F. Hoffmann-La Roche AG
2021312334	Sánchez Soler, Francisco
2021318950	Dexcom, Inc.
2021323989	Tritana Intellectual Property Ltd.
2021324980	Tronox LLC
2021354030	Google LLC
2021363005	Truma Gerätetechnik GmbH & Co. KG
2021373599	China University of Mining and Technology; Xuzhou University of Technology
2021415772	Jiangsu Kingfa Sci. & Tech. Advanced Materials Co., Ltd.
2022201911	TWINPIG BIOLAB, INC.
2022204736	Caffitaly System S.p.A.
2022215162	Sauna Works Inc. (aka Far Infrared Sauna Technology Co.)
2022225469	Fronius International GmbH

IPC Index

<b><u>A01D 41 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23F 5 /-</u></b>	2021295052 2022204736	2021260003	<b><u>A61K 33 /-</u></b>
2021323989	2021258467 2021259335 2021260977	2021259219 2021286783 2021288824 2021295052	<b><u>A47J 42 /-</u></b>	<b><u>A61F 5 /-</u></b>	2021240819
<b><u>A01F 12 /-</u></b>	2021262412 2021265031 2021265032 2021266044	<b><u>A23J 3 /-</u></b>	2021294727 2021295052	2020448813 2021261341 2021285410 2021286232	<b><u>A61K 35 /-</u></b>
2021323989			<b><u>A47J 43 /-</u></b>		2021239708 2021241643 2021241646 2021242110 2021255918 2021257255 2021258334 2021262766 2021262835 2021266432 2021287536
<b><u>A01G 17 /-</u></b>	<b><u>A01N 39 /-</u></b>	2021268369	2021294727 2021295052	<b><u>A61F 9 /-</u></b>	
2020439845	2021258467	<b><u>A23L 2 /-</u></b>	<b><u>A47K 10 /-</u></b>	2021275372 2021275373 2021291673	
<b><u>A01G 3 /-</u></b>		2021264192 2021279250	2020454685 2020454858	<b><u>A61H 33 /-</u></b>	
2021260337	<b><u>A01N 43 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47K 5 /-</u></b>	2022215162	<b><u>A61K 36 /-</u></b>
<b><u>A01H 1 /-</u></b>	2021258467 2021259335 2021260029 2021266392	2021264192	2020448904 2020448906 2020454685 2020454858	<b><u>A61K 31 /-</u></b>	2021240819 2021255735 2021256054 2021263558
<b><u>A01H 5 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 17 /-</u></b>	2021240819 2021241458 2021244241 2021249347 2021252728 2021254270 2021255734 2021255735 2021256054 2021256788 2021256801 2021257255 2021257354 2021258193 2021259580 2021259868 2021260581 2021260934 2021261241 2021261386 2021261524 2021262281 2021262569 2021263337 2021263541 2021263558 2021263580 2021264016 2021265826 2021266392 2021266476 2021267402 2021268622 2021269872 2021270155 2021271318 2021273083 2021273125 2021275381 2021275459 2021276656 2021276912 2021281643 2021293976 2021296165 2021297778 2021298800 2021301444	<b><u>A61K 38 /-</u></b>
2021258916	2021258467 2021259335	2021242110 2021249347 2021252728 2021275459 2021279250	2021249145 2021263657 2021267920 2021275372 2021275373 2021281884		2020351560 2021239708 2021252821 2021256801 2021263337 2021263760 2021268355 2021275499 2021278157
<b><u>A01K 13 /-</u></b>	<b><u>A01N 53 /-</u></b>	<b><u>A23N 12 /-</u></b>	<b><u>A61B 18 /-</u></b>		<b><u>A61K 39 /-</u></b>
2021261047	2021260029	2021286783 2021288824	2021275372 2021275373		2020351560 2021241646 2021244200 2021244464 2021244846 2021258911 2021258916 2021260099 2021260750 2021260960 2021261241 2021261386 2021261676 2021262794 2021262835 2021263337 2021264094 2021266432 2021267402 2021271318 2021273467 2021278819
<b><u>A01K 53 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23P 10 /-</u></b>	<b><u>A61B 34 /-</u></b>		
2021240374	2021240817 2021258467 2021259335	2021259219	2021259459		
<b><u>A01K 67 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A41D 1 /-</u></b>	<b><u>A61B 5 /-</u></b>		
2021240374	2021258467 2021259335 2021260977	2021260168	2021238499 2021261341 2021264332 2021265595 2021318950		
<b><u>A01L 3 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A61B 8 /-</u></b>		
2021261047	2021262412 2021265031 2021265032 2021266044	2021268115	2021249145 2021262613 2021262615 2021265350 2021265595 2021265597		
<b><u>A01L 5 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A41D 19 /-</u></b>	<b><u>A61B 9 /-</u></b>		
2021261047	2021262412 2021265031 2021265032 2021266044	2021247046	2021249145 2021262613 2021262615 2021265350 2021265595 2021265597		
<b><u>A01M 1 /-</u></b>	<b><u>A22B 5 /-</u></b>	<b><u>A41D 31 /-</u></b>	<b><u>A61B 90 /-</u></b>		
2021261451	2021287256	2021258695	2021287353		
<b><u>A01M 21 /-</u></b>	<b><u>A22C 21 /-</u></b>	<b><u>A47B 3 /-</u></b>	<b><u>A61F 13 /-</u></b>		<b><u>A61K 41 /-</u></b>
2021323989	2021271478 2021272789	2021269057	2021245915 2021246484		2021269007 2021270780
<b><u>A01N 25 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A47B 9 /-</u></b>	<b><u>A61F 2 /-</u></b>		<b><u>A61K 45 /-</u></b>
2021259335 2021260977	2021279250	2021269057	2021243961		2021244241 2021259868
<b><u>A01N 31 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A47B 96 /-</u></b>			
2021258467 2021259335 2021277402	2021245403	2021262677 2021264326			
<b><u>A01N 33 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A47J 31 /-</u></b>			
2021259335	2021259219	2021286783 2021288824 2021291701 2021294004 2021294727			

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

2021260099	<b><u>A61L 9/-</u></b>	2021281643	2021267402	<b><u>B01F 27/-</u></b>	<b><u>B07B 1/-</u></b>
2021260750			2021269872		
2021261241	2021265870	<b><u>A61P 17/-</u></b>	2021270780	2020443206	2021267559
2021261676			2021271318		
2021268622	<b><u>A61M 1/-</u></b>	2021259580	2021273125	<b><u>B01J 19/-</u></b>	<b><u>B07B 13/-</u></b>
2021275459			2021287536	2021256737	2021267559
2021296165	2021245680	<b><u>A61P 19/-</u></b>	2021295549	2021295431	
	2021255746				
<b><u>A61K 47/-</u></b>	2021275372	2021259580	<b><u>A61P 37/-</u></b>	<b><u>B01J 2/-</u></b>	<b><u>B07B 15/-</u></b>
	2021275373	2021275459		2021275362	2021267559
2021253820	2021279131	<b><u>A61P 21/-</u></b>	2021258911		
2021259868	2021282324		2021258916		<b><u>B09B 3/-</u></b>
2021260792		2021270526	2021259580	<b><u>B01J 20/-</u></b>	2020439474
2021260960	<b><u>A61M 16/-</u></b>		2021261524		
2021262719		<b><u>A61P 25/-</u></b>	2021273125	2021245855	<b><u>B21D 13/-</u></b>
2021263760	2021267638				
2021269007	<b><u>A61M 25/-</u></b>	2021239708	<b><u>A61P 43/-</u></b>	<b><u>B01J 23/-</u></b>	2021250670
2021270155		2021241643		2021265075	
2021270780	2021259459	2021245409	2021249347		<b><u>B21D 28/-</u></b>
2021273467	2021263657	2021249347	2021252728	<b><u>B01J 27/-</u></b>	2021250670
2022201911	2021264583	2021256788	2021259580		
	2021265834	2021259868	<b><u>A61P 5/-</u></b>	2021266106	<b><u>B21D 47/-</u></b>
<b><u>A61K 48/-</u></b>	<b><u>A61M 27/-</u></b>	2021262281			
		2021264421	2021281643	<b><u>B01J 29/-</u></b>	2021250670
2021251845	2021265834	2021270155	<b><u>A61P 7/-</u></b>	2021265998	
2021256845		2021273125			<b><u>B21D 53/-</u></b>
2021258193	<b><u>A61M 39/-</u></b>	2021276656	2021281643	<b><u>B01J 39/-</u></b>	2021248616
2021260934		2021278819		2021255746	<b><u>B23Q 3/-</u></b>
2021261241	2021262772	2021293976	<b><u>A61P 9/-</u></b>		
<b><u>A61K 49/-</u></b>	2021263657	<b><u>A61P 27/-</u></b>		<b><u>B01J 47/-</u></b>	2021263057
			2021251845	2021255746	
2021270780	<b><u>A61M 5/-</u></b>	2021276912	2021259580		<b><u>B25C 1/-</u></b>
<b><u>A61K 51/-</u></b>			2021259868	<b><u>B01L 3/-</u></b>	2021267828
	2021245680	<b><u>A61P 29/-</u></b>	2021261241		
2021244464	2021248179		2021263760	2021237737	<b><u>B25J 19/-</u></b>
	2021249145	2021273125	2021275499		
<b><u>A61K 8/-</u></b>	2021262772	<b><u>A61P 3/-</u></b>	2021281643	<b><u>B02C 21/-</u></b>	2021258695
	2021277191			2021267559	<b><u>B26D 7/-</u></b>
2021252728	<b><u>A61N 1/-</u></b>	2021273125	<b><u>A61Q 19/-</u></b>	<b><u>B02C 23/-</u></b>	2021275372
2021254270		2021278157		2021267559	2021275373
2021255734	2021261100	2021281643	2021252728		
2021262719	2021261341	<b><u>A61P 31/-</u></b>	2021277402	<b><u>B03B 11/-</u></b>	<b><u>B28B 11/-</u></b>
<b><u>A61K 9/-</u></b>	2021302334		<b><u>A62B 7/-</u></b>	2021267200	
		2021252821			<b><u>B28C 7/-</u></b>
2021254270	<b><u>A61N 5/-</u></b>	2021258911	2021267638	<b><u>B03B 5/-</u></b>	2021269833
2021255735		2021258916		2021267200	
2021256054	2021270780	2021259868	<b><u>A62C 37/-</u></b>		<b><u>B29C 41/-</u></b>
2021256788		2021263337		<b><u>B03B 9/-</u></b>	2021247046
2021258916	<b><u>A61P 1/-</u></b>	2021263580	2020452200		
2021260960		2021266476	<b><u>A62C 5/-</u></b>	<b><u>B04C 1/-</u></b>	<b><u>B29C 51/-</u></b>
2021263580	2021242110	2021269176		2021262229	2021281884
2021263580	2021259580	2021273125	2020452200	<b><u>B06B 3/-</u></b>	<b><u>B29C 64/-</u></b>
2021270155	2021273125	2021275499			
2021276656	2021275381	2021288916	<b><u>A63B 21/-</u></b>	2021275372	2021247046
<b><u>A61L 17/-</u></b>	2021281643	<b><u>A61P 35/-</u></b>		2021275373	
	2021301444		2021260168		<b><u>B29D 99/-</u></b>
2021281884	<b><u>A61P 11/-</u></b>	2020351560	<b><u>A63B 23/-</u></b>	2021275373	2021247046
		2021241458			
<b><u>A61L 2/-</u></b>	2021252821	2021244200	2021260168		
	2021256788	2021253821		<b><u>B04C 1/-</u></b>	<b><u>B29C 51/-</u></b>
2021260977	2021259580	2021259868	<b><u>B01D 21/-</u></b>		
2021263852	2021263760	2021260792		2021262229	2021281884
2021265870	2021275499	2021260960	2021262229		
	2021281643	2021261676		<b><u>B06B 3/-</u></b>	<b><u>B29C 64/-</u></b>
<b><u>A61L 27/-</u></b>		2021262569	<b><u>B01D 53/-</u></b>		
	<b><u>A61P 13/-</u></b>	2021263448		2021275372	2021247046
2021243961		2021263541	2021245855	2021275373	
2021260003	2021259580	2021265826	2021248803		<b><u>B29D 99/-</u></b>
	2021260960	2021266432	2021266106		2021247046
	2021275499				



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

<b><u>B29L 31 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C07C 5 /-</u></b>	<b><u>C07D 405 /-</u></b>
2021281884	2021276582	2021259219	2021265998	2021242475 2021247791	2021269872
<b><u>B31B 110 /-</u></b>	<b><u>B62J 45 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 57 /-</u></b>	<b><u>C07D 413 /-</u></b>
2021267922	2021312334	2021267559	2021240817 2021262229	2021262412 2021265031 2021265032 2021266044	2021259580 2021260029 2021263541 2021269872 2021273125
<b><u>B31B 50 /-</u></b>	<b><u>B62J 50 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C02F 103 /-</u></b>		
2021267922	2021312334	2020446353 2020446636 2021240488	2021240817	<b><u>C07D 209 /-</u></b>	<b><u>C07D 417 /-</u></b>
<b><u>B32B 15 /-</u></b>	<b><u>B62K 25 /-</u></b>	<b><u>B65G 17 /-</u></b>	<b><u>C04B 103 /-</u></b>	2021259583 2021269872 2021276656	2021261524 2021263541 2021269872
2021250670 2021258695	2021312334	2019348050	2021260069		
<b><u>B32B 21 /-</u></b>	<b><u>B62K 3 /-</u></b>	<b><u>B65G 25 /-</u></b>	<b><u>C04B 111 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 419 /-</u></b>
2021250670	2021312334	2019348050	2021260069 2021267679	2021263383	2021269872
<b><u>B32B 25 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65G 39 /-</u></b>	<b><u>C04B 14 /-</u></b>	<b><u>C07D 221 /-</u></b>	<b><u>C07D 471 /-</u></b>
2021258695	2021258905	2021267559	2020439474	2021293976	2021241458 2021259580 2021259583 2021262569 2021263383
<b><u>B32B 27 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65G 41 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>C07D 231 /-</u></b>	
2021250670 2021258695	2021281590	2021267559	2020439474 2021269833	2021263541	<b><u>C07D 233 /-</u></b>
<b><u>B32B 29 /-</u></b>	<b><u>B63B 39 /-</u></b>	<b><u>B65G 43 /-</u></b>	<b><u>C04B 22 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 473 /-</u></b>
2021250670	2021258905	2020446636 2021267559	2021260069	2021273125 2021296165	2021241458
<b><u>B32B 3 /-</u></b>	<b><u>B63B 77 /-</u></b>	<b><u>B65G 45 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07D 239 /-</u></b>	<b><u>C07D 487 /-</u></b>
2021250670	2021281590	2019348050	2021260069	2021265114 2021301444	2021241458 2021259580 2021265826 2021281643
<b><u>B32B 5 /-</u></b>	<b><u>B63C 9 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07D 243 /-</u></b>	<b><u>C07D 491 /-</u></b>
2021250670	2021260168	2021271478	2021260069 2021267679	2021262281	2021241458 2021259580 2021269872 2021293976
<b><u>B32B 5 /-</u></b>	<b><u>B64D 39 /-</u></b>	<b><u>B65G 61 /-</u></b>	<b><u>C07C 15 /-</u></b>	<b><u>C07D 251 /-</u></b>	<b><u>C07D 491 /-</u></b>
2021250670	2021241550	2021247874	2021242475 2021247791 2021262412 2021265031 2021265032 2021266044	2021265114	2021241458 2021259580 2021269872 2021293976
<b><u>B33Y 10 /-</u></b>	<b><u>B64F 1 /-</u></b>	<b><u>B65G 65 /-</u></b>	<b><u>C07C 219 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 495 /-</u></b>
2021247046	2021238499 2021242795	2021267559	2021262730	2021261524	2021241458
<b><u>B33Y 30 /-</u></b>	<b><u>B64G 1 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C07C 231 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07D 498 /-</u></b>
2021247046	2021279256	2021267559	2021262730	2021265849	2021241458 2021259580 2021265826
<b><u>B33Y 80 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B67D 7 /-</u></b>	<b><u>C07C 233 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 513 /-</u></b>
2021243961 2021247046	2021267922	2021257253	2021237985	2021241458 2021259580 2021262281 2021262569 2021266392 2021269872 2021273125 2021276912	2021241458 2021259580 2021265826
<b><u>B60B 33 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>C01B 25 /-</u></b>	<b><u>C07C 233 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07F 7 /-</u></b>
2021269057	2021241812	2021266106	2021237985	2021259580 2021262569 2021266392 2021269872 2021273125 2021276912	2021248803
<b><u>B60K 6 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 275 /-</u></b>		<b><u>C07F 9 /-</u></b>
2021276582	2021271302	2021242475 2021246368 2021247791 2021247874 2021247882 2021265075	2021264016	2021259580 2021262569 2021266392 2021269872	2021276656
<b><u>B60L 50 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07C 29 /-</u></b>		<b><u>C07H 1 /-</u></b>
2021276582	2021267922	2021257353 2021264028	2021266106		2021306628
<b><u>B60W 10 /-</u></b>	<b><u>B65D 81 /-</u></b>		<b><u>C07C 31 /-</u></b>		
2021276582	2021260750 2021267922		2021266106		
<b><u>B60W 20 /-</u></b>					
2021276582					

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

<b><u>C07H 21 /-</u></b>	<b><u>C08F 222 /-</u></b>	2021256845	<b><u>C12R 1 /-</u></b>	<b><u>D21F 11 /-</u></b>	<b><u>E21D 20 /-</u></b>
2021258193	2021244466	2021258193	2021242110	2021246484	2021258480
2021260099	<b><u>C08G 18 /-</u></b>	2021258334	<b><u>C14C 3 /-</u></b>	<b><u>D21F 9 /-</u></b>	2021267679
2021260581	2021267679	2021258916	2021265114	2021246484	<b><u>E21D 21 /-</u></b>
2021260934	<b><u>C08G 63 /-</u></b>	2021259872	<b><u>C21B 13 /-</u></b>	<b><u>D21H 17 /-</u></b>	2021271108
2021306628	2021415772	2021260099	2021272824	2021282926	<b><u>F03D 13 /-</u></b>
<b><u>C07K 1 /-</u></b>	<b><u>C08G 8 /-</u></b>	2021260581	<b><u>C21B 3 /-</u></b>	<b><u>D21H 19 /-</u></b>	2021281590
2021244846	2021257353	2021260750	2021275362	2021271302	<b><u>F04B 39 /-</u></b>
<b><u>C07K 14 /-</u></b>	<b><u>C08L 67 /-</u></b>	2021260934	<b><u>C22B 3 /-</u></b>	<b><u>D21H 21 /-</u></b>	2021260292
2020351560	2021279275	2021262835	2020443206	2021271302	<b><u>F04C 29 /-</u></b>
2021244555	<b><u>C09C 1 /-</u></b>	2021263680	2021264028	<b><u>D21H 27 /-</u></b>	2021260292
2021251845	2021324980	2021264872	<b><u>C22B 7 /-</u></b>	2021271302	<b><u>F04D 29 /-</u></b>
2021258916	<b><u>C09D 5 /-</u></b>	2021266432	2021264028	<b><u>E02F 9 /-</u></b>	2021280408
2021260960	2021260494	2021266432	<b><u>C23C 2 /-</u></b>	2021258822	<b><u>F04D 7 /-</u></b>
2021262766	2021324980	2021268333	2021263057	<b><u>E03F 5 /-</u></b>	2021280408
2021263337	<b><u>C09J 101 /-</u></b>	2021285201	<b><u>C23F 11 /-</u></b>	2021262229	<b><u>F15B 11 /-</u></b>
2021263760	2021282926	<b><u>C12N 5 /-</u></b>	2021324980	<b><u>E04H 4 /-</u></b>	2021258813
2021268333	<b><u>C09K 17 /-</u></b>	2021258194	<b><u>C25B 1 /-</u></b>	2021240817	<b><u>F15B 13 /-</u></b>
2021268355	2021267679	2021261147	2021264028	<b><u>E05B 1 /-</u></b>	2021258813
2021270526	<b><u>C10L 1 /-</u></b>	2021262766	<b><u>C25B 11 /-</u></b>	2020454858	2021373599
2021278157	2021266106	2021264094	2021264028	<b><u>E05B 17 /-</u></b>	<b><u>F16B 31 /-</u></b>
2021285201	<b><u>C11B 1 /-</u></b>	2021266432	<b><u>C25C 3 /-</u></b>	2020454685	2021271108
2021287536	2021245403	2021268333	2021275450	<b><u>E05B 47 /-</u></b>	<b><u>F16G 11 /-</u></b>
<b><u>C07K 16 /-</u></b>	<b><u>C11D 1 /-</u></b>	2021285201	<b><u>C25C 7 /-</u></b>	2020454858	2021279293
2020351560	2021262730	<b><u>C12N 7 /-</u></b>	2021275450	<b><u>E21B 10 /-</u></b>	<b><u>F16G 3 /-</u></b>
2021244200	<b><u>C11D 3 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>C40B 30 /-</u></b>	2021274048	2021279293
2021244846	2021262730	<b><u>C12P 9 /-</u></b>	2021246531	<b><u>E21B 23 /-</u></b>	2021284400
2021253820	<b><u>C12M 1 /-</u></b>	2021245409	<b><u>D04B 1 /-</u></b>	2020455765	<b><u>F16K 17 /-</u></b>
2021253821	2021259184	2021246531	2021268115	<b><u>E21B 34 /-</u></b>	2021373599
2021260815	2021259872	2021259872	<b><u>D04H 1 /-</u></b>	2020455765	<b><u>F16K 31 /-</u></b>
2021261386	<b><u>C12M 3 /-</u></b>	2021260815	2021245915	<b><u>E21B 4 /-</u></b>	2021373599
2021262794	2021268007	2021268634	2021246484	2021274048	<b><u>F16L 1 /-</u></b>
2021263448	<b><u>C12N 1 /-</u></b>	2021270883	2021282926	<b><u>E21B 41 /-</u></b>	2022225469
2021264094	2021245403	2021275499	<b><u>D04H 3 /-</u></b>	2021266106	<b><u>F16L 3 /-</u></b>
2021264421	<b><u>C12N 15 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>D06M 13 /-</u></b>	<b><u>E21B 43 /-</u></b>	2022225469
2021267402	2020351560	<b><u>C12P 7 /-</u></b>	2021282926	2020455765	<b><u>F16L 33 /-</u></b>
2021267943	2021243743	<b><u>C12Q 1 /-</u></b>	<b><u>D21F 1 /-</u></b>	<b><u>E21C 41 /-</u></b>	2022225469
2021268355	2021244555	2021240470	2021246484	2021267559	
2021268943	2021268007	2021246531	2021282926		
2021269130	<b><u>C12N 1 /-</u></b>	2021255918	<b><u>D04H 3 /-</u></b>		
2021269176	2021242110	2021258334	2021282926		
2021271318	2021245403	2021259184	<b><u>D06M 13 /-</u></b>		
2021273467	<b><u>C12N 15 /-</u></b>	2021260581	2021282926		
2021287122	2020351560	2021263680	<b><u>D21F 1 /-</u></b>		
2021287536	2021243743	2021268634	2021246484		
2021288916	2021244555	2021270883			
2021295549	2021246531	2021271981			
<b><u>C07K 19 /-</u></b>	2021268007	2021280311			
2020351560	<b><u>C12M 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>			
2021266432	2021268007	2021240470			
2022201911	<b><u>C12N 1 /-</u></b>	2021246531			
<b><u>C07K 5 /-</u></b>	2021242110	2021255918			
2021265849	2021245403	2021258334			
<b><u>C07K 7 /-</u></b>	<b><u>C12N 15 /-</u></b>	2021259184			
2022201911	2020351560	2021260581			
<b><u>C08F 212 /-</u></b>	2021243743	2021263680			
2021244466	2021244555	2021268634			
	2021246531	2021270883			
	2021251845	2021271981			
		2021280311			

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

<b><u>F16L 37 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H04B 5 /-</u></b>
2021241550	2021258577	2020483730 2021242795	2021241126	2021265595	2021241610
<b><u>F16L 5 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>H04L 1 /-</u></b>
2022225469	2021312334	2021265750	2021247167	2021277191	2020454830
<b><u>F17C 11 /-</u></b>	<b><u>G01F 1 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H04L 12 /-</u></b>
2021246368	2021257253	2021265750	2021241126 2021253594 2021258577	2021265241 2021269051	2020437452 2021275574 2021300178
<b><u>F17C 13 /-</u></b>	<b><u>G01F 15 /-</u></b>	<b><u>G05B 17 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H01G 11 /-</u></b>	<b><u>H04L 45 /-</u></b>
2021246368	2021257253	2021280953	2021265107	2021257353	2021275574
<b><u>F23C 3 /-</u></b>	<b><u>G01F 22 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04L 5 /-</u></b>
2021263529	2021257253	2021252237	2021238499 2021242795 2021265350	2021291163	2020454830 2021255047
<b><u>F23D 11 /-</u></b>	<b><u>G01F 23 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G07C 5 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04L 61 /-</u></b>
2021363005	2021257253	2021247182 2021251658 2021266891	2021247091	2021242475 2021247791	2020437452
<b><u>F23M 9 /-</u></b>	<b><u>G01F 25 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H02G 15 /-</u></b>	<b><u>H04L 67 /-</u></b>
2021363005	2021257253	2020454830 2021266917	2021258577 2021266917	2022225469	2021277191
<b><u>F24D 10 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G09B 17 /-</u></b>	<b><u>H02G 3 /-</u></b>	<b><u>H04L 9 /-</u></b>
2021278273	2021246531	2021277191	2021266674	2022225469	2021216571
<b><u>F24D 19 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G09B 19 /-</u></b>	<b><u>H02K 1 /-</u></b>	<b><u>H04M 3 /-</u></b>
2021278273	2021237985	2021244365 2021251658 2021265597 2021291150	2021266674	2021272454	2021275168
<b><u>F24F 1 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G09B 7 /-</u></b>	<b><u>H02K 16 /-</u></b>	<b><u>H04N 19 /-</u></b>
2020440785	2021306628	2020454830 2021242795 2021265107 2021269008	2021266674	2021272454	2021241294 2021243894
<b><u>F24F 11 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>H02K 19 /-</u></b>	<b><u>H04Q 3 /-</u></b>
2021248176	2021237985 2021244464 2021258334 2021258911 2021260929 2021261282 2021264421 2021265261 2021267387 2021268333 2021268634 2021269176 2021276336 2021277232 2021278819	2021247182 2021266891	2021266674	2021272454	2021275168
<b><u>F24F 13 /-</u></b>		<b><u>G06K 9 /-</u></b>	<b><u>G09G 5 /-</u></b>	<b><u>H02K 21 /-</u></b>	<b><u>H04Q 9 /-</u></b>
2020440785		2021238499 2021242795 2021262613 2021265107 2021265241 2021265350 2021279033	2021265750	2021272454	2021248176
<b><u>F25D 3 /-</u></b>		<b><u>G10K 11 /-</u></b>	<b><u>G09B 19 /-</u></b>	<b><u>H02K 5 /-</u></b>	<b><u>H04R 1 /-</u></b>
2021260750		2021259164	2021266674	2020453087	2021241610 2021259164
<b><u>F27D 17 /-</u></b>		<b><u>G10L 15 /-</u></b>	<b><u>G16B 35 /-</u></b>	<b><u>H02K 9 /-</u></b>	<b><u>H04W 4 /-</u></b>
2021272824		2021266674	2021265832	2020453087	2021241610 2021247741
<b><u>F28F 13 /-</u></b>	<b><u>G01N 37 /-</u></b>	<b><u>G16B 40 /-</u></b>	<b><u>G16B 40 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04W 72 /-</u></b>
2021248616	2021259184	2021265832	2021265832	2021258210	2020454830 2021247741 2021255047
<b><u>F28F 3 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H02N 2 /-</u></b>	<b><u>H04W 88 /-</u></b>
2021248616	2021264332	2021354030	2021299509	2021248616	2021241610
<b><u>F41A 15 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06Q 10 /-</u></b>		<b><u>H04B 10 /-</u></b>	<b><u>H05H 1 /-</u></b>
2021273109	2021264332	2021247091 2021247874 2021252237 2021253594		2021264332	2021261100
<b><u>F41A 25 /-</u></b>	<b><u>G01S 7 /-</u></b>				
2021269207					
<b><u>F41A 35 /-</u></b>					
2021273109					

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

H05K 5/-

2022225469

Applications Accepted

Name Index

**1200 Pharma LLC see California Institute of Technology**  
**(21)** 2019310595

**(71)** Ab Initio Technology LLC  
**(11)** AU-B-2021201363  
**(21)** 2021201363 **(22)** 02.03.2021  
**(54)** FORMAT-SPECIFIC DATA PROCESSING OPERATIONS  
**(51)** Int. Cl.  
**G06F 9/44** ( 2018.01 )  
**G06F 9/445** ( 2018.01 )  
**G06F 11/36** ( 2006.01 )  
**(43)** 18.03.2021  
**(44)** 24.11.2022  
**(62)** 2017274407  
**(72)** Isman, Marshall A.; Joyce, John  
**(74)** RnB IP Pty Ltd

**(71)** ABS Materials, Inc.  
**(11)** AU-B-2017299679  
**(21)** 2017299679 **(22)** 20.07.2017  
**(54)** Treatment and regeneration system and method for extracting organic solutes from-water  
**(51)** Int. Cl.  
**C02F 1/28** ( 2006.01 )  
**B01J 20/34** ( 2006.01 )  
**C02F 101/32** ( 2006.01 )  
**(87)** WO2018/017795  
**(31)** 62/364,411 **(32)** 20.07.16 **(33)** US  
**(43)** 25.01.2018  
**(44)** 24.11.2022  
**(72)** Ortiz, Patricio A.; Johnson, Glenn C.; Edmiston, Paul L.; Jolly, Stephen  
**(74)** Maxwells Patent & Trade Mark Attorneys Pty Ltd

**(71)** Accenture Global Solutions Limited  
**(11)** AU-B-2021212025  
**(21)** 2021212025 **(22)** 04.08.2021  
**(54)** INTELLIGENT QUESTION ANSWERING ON TABULAR CONTENT  
**(51)** Int. Cl.  
**G06F 16/242** ( 2019.01 )  
**G06F 16/248** ( 2019.01 )  
**G06F 40/157** ( 2020.01 )  
**G06F 40/205** ( 2020.01 )  
**G06F 40/56** ( 2020.01 )  
**G06N 5/04** ( 2006.01 )  
**G06Q 10/10** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
**(31)** 16/989,495 **(32)** 10.08.20 **(33)** US  
**(43)** 24.02.2022  
**(44)** 24.11.2022  
**(72)** JOY, Eldhose; JAYARAMAN, Sundar Prasad; JAWAGAL, Harsha; RADHESHAM SUPEKAR, Vishal  
**(74)** Murray Trento & Associates Pty Ltd

**(71)** Acergy France SAS  
**(11)** AU-B-2017267504  
**(21)** 2017267504 **(22)** 18.05.2017  
**(54)** Subsea buoyancy systems  
**(51)** Int. Cl.  
**F16L 1/16** ( 2006.01 )  
**F16L 1/24** ( 2006.01 )  
**(87)** WO2017/199100  
**(31)** 1608930.2 **(32)** 20.05.16 **(33)** GB  
 1704134.4 15.03.17 GB  
 1622372.9 29.12.16 GB  
 1610161.0 10.06.16 GB  
**(43)** 23.11.2017  
**(44)** 24.11.2022  
**(72)** Loentgen, Vincent; Seguin, Blaise; Landwehr, Marcel  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Acer Incorporated  
**(11)** AU-B-2021254591  
**(21)** 2021254591 **(22)** 20.10.2021  
**(54)** DEVICE OF HANDLING A HARQ RETRANSMISSION  
**(51)** Int. Cl.  
**H04L 1/18** ( 2006.01 )  
**(31)** 17/503,379 **(32)** 18.10.21 **(33)** US  
 63/094,912 22.10.20 US  
**(43)** 12.05.2022  
**(44)** 24.11.2022  
**(72)** LEE, Chien-Min; LO, Li-Chung; CHEN, Jen-Hsien  
**(74)** Griffith Hack

**(71)** AC Immune SA  
**(11)** AU-B-2021203340  
**(21)** 2021203340 **(22)** 24.05.2021  
**(54)** 1, 3, 4, 5-Tetrahydro-2H-Pyrido[4,3-B]Indole Derivatives For The Treatment, Alleviation Or Prevention Of Disorders Associated With Tau Aggregates Like Alzheimer's Disease  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(43)** 24.06.2021  
**(44)** 24.11.2022  
**(62)** 2019205087  
**(72)** NAMPALLY, Sreenivasachary; GABELLIERI, Emanuele; MOLETTE, Jérôme  
**(74)** WRAYS PTY LTD

**(71)** Actuate Therapeutics Inc.  
**(11)** AU-B-2018313259  
**(21)** 2018313259 **(22)** 10.08.2018  
**(54)** solid forms of 3-(5-Fluorobenzofuran-3-yl)-4-(5-methyl-5H-[1,3]dioxolo[4,5-f]indol-7-yl)pyrrole-2,5-dione  
**(51)** Int. Cl.  
**C07D 498/04** ( 2006.01 )  
**A61K 31/403** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/032958  
**(31)** 62/544,277 **(32)** 11.08.17 **(33)** US

**(43)** 14.02.2019  
**(44)** 24.11.2022  
**(72)** ZHANG, Yamin  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Acuitive Technologies, Inc.  
**(11)** AU-B-2017355663  
**(21)** 2017355663 **(22)** 07.11.2017  
**(54)** In-situ curing biodegradable anchor with reinforcement  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/58** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**A61C 8/00** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61F 2/02** ( 2006.01 )  
**A61F 2/08** ( 2006.01 )  
**(87)** WO2018/085807  
**(31)** 62/418,535 **(32)** 07.11.16 **(33)** US  
**(43)** 11.05.2018  
**(44)** 24.11.2022  
**(72)** Khowaylo, Alex; McCarthy, Michael P.; Tran, Minh-Tuan Richard; Ferreira, Rui J.  
**(74)** Spruson & Ferguson

**(71)** AGCO Corporation  
**(11)** AU-B-2017264887  
**(21)** 2017264887 **(22)** 20.04.2017  
**(54)** Electromagnetic boom breakaway  
**(51)** Int. Cl.  
**A01M 7/00** ( 2006.01 )  
**(87)** WO2017/195016  
**(31)** 62/334,008 **(32)** 10.05.16 **(33)** US  
**(43)** 16.11.2017  
**(44)** 24.11.2022  
**(72)** Snyder, Todd B.  
**(74)** Griffith Hack

**(71)** AGIT GLOBAL IP HOLDINGS, LLC  
**(11)** AU-B-2018226459  
**(21)** 2018226459 **(22)** 06.09.2018  
**(54)** SURFBOARD STRUCTURE WITH FIN ASSEMBLY  
**(51)** Int. Cl.  
**B63B 32/66** ( 2020.01 )  
**(31)** 106130572 **(32)** 07.09.17 **(33)** TW  
**(43)** 21.03.2019  
**(44)** 24.11.2022  
**(72)** YEH, Tzong In  
**(74)** AJ PARK

**(71)** Ahmed, W.  
**(11)** AU-B-2021221700  
**(21)** 2021221700 **(22)** 25.08.2021  
**(54)** BODY FLUID MANAGEMENT INSERTS AND GARMENTS  
**(51)** Int. Cl.  
**A61F 13/15** ( 2006.01 )  
**A41B 9/00** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A41B 9/04** ( 2006.01 )  
**A41B 9/06** ( 2006.01 )  
**A41C 3/00** ( 2006.01 )  
**A41C 3/12** ( 2006.01 )  
**A61F 13/496** ( 2006.01 )  
**A61F 13/53** ( 2006.01 )  
**A61F 13/42** ( 2006.01 )

(43) 24.11.2022  
(44) 24.11.2022  
(72) Ahmed, Wesam Fawzi  
(74) Halfords IP

---

(71) Alfasan Nederland B.V.  
(11) AU-B-2021236272  
(21) 2021236272 (22) 09.03.2021  
(54) Multi-dosage tablet array  
(51) Int. Cl.  
**A61J 7/00** ( 2006.01 )

(87) WO2021/180736  
(31) 20162131.5 (32) 10.03.20 (33) EP  
(43) 16.09.2021  
(44) 24.11.2022  
(72) HELSPER, Freek; TESINK, Anthonie Sebastiaan  
(74) LAMINAR IP PTY LTD

---

(71) algoriddim GmbH  
(11) AU-B-2020432954  
(21) 2020432954 (22) 17.03.2020  
(54) Method and device for decomposing, recombining and playing audio data  
(51) Int. Cl.

**G11B 20/10** ( 2006.01 )  
**G06F 3/16** ( 2006.01 )  
**G10L 21/028** ( 2013.01 )  
**G10L 25/30** ( 2013.01 )  
**G11B 27/10** ( 2006.01 )  
**H04N 21/439** ( 2011.01 )  
**H04R 3/12** ( 2006.01 )  
**H04R 29/00** ( 2006.01 )  
**G06F 3/0484** ( 2013.01 )  
**G06N 3/04** ( 2006.01 )  
**G10H 1/36** ( 2006.01 )  
**G10L 25/18** ( 2013.01 )  
**H04H 60/04** ( 2008.01 )  
**H04R 5/04** ( 2006.01 )

(87) WO2021/175456  
(31) PCT/ EP2020/056124 (32) 06.03.20 (33) EP  
(43) 10.09.2021  
(44) 24.11.2022  
(72) MORSY, Kariem; TESSMANN, Federico; TESCHNER, Christoph  
(74) FPA Patent Attorneys Pty Ltd

---

(71) Allegiance Corporation  
(11) AU-B-2018383760  
(21) 2018383760 (22) 12.12.2018  
(54) Vulcanization composition for reducing allergenic potential and elastomeric articles formed therewith  
(51) Int. Cl.

**B29C 35/02** ( 2006.01 )  
**C08K 3/06** ( 2006.01 )  
**C08K 5/38** ( 2006.01 )  
**C08L 21/00** ( 2006.01 )

(87) WO2019/118570  
(31) 16/216,640 (32) 11.12.18 (33) US  
62/598,048 13.12.17 US

(43) 20.06.2019  
(44) 24.11.2022  
(72) CHEN, Seong Fong; WONG, Wei Cheong  
(74) Griffith Hack

---

(71) Allergan, Inc.  
(11) AU-B-2020270500  
(21) 2020270500 (22) 18.11.2020  
(54) Suspensions of cyclosporin A Form 2  
(51) Int. Cl.

**A61K 9/00** ( 2006.01 )

(43) 17.12.2020  
(44) 24.11.2022  
(62) 2019203051  
(72) Gore, Anuradha V.; Mohanty, Prem Swaroop; Farnes, E. Quinn  
(74) Davies Collison Cave Pty Ltd

---

(71) Allshelter Holdings Pty Ltd  
(11) AU-B-2021203539  
(21) 2021203539 (22) 31.05.2021  
(54) Collapsible Structural Support for Storage Module  
(51) Int. Cl.

**E04B 1/19** ( 2006.01 )  
**E04B 1/32** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**E04H 1/00** ( 2006.01 )  
**E04H 1/12** ( 2006.01 )

(43) 24.11.2022  
(44) 24.11.2022  
(72) REDDEL, Tim  
(74) Wallington-Dummer

---

(71) Alnylam Pharmaceuticals, Inc.  
(11) AU-B-2020207874  
(21) 2020207874 (22) 24.07.2020  
(54) TMPRSS6 iRNA compositions and methods of use thereof  
(51) Int. Cl.

**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**C12N 9/64** ( 2006.01 )

(43) 13.08.2020  
(44) 24.11.2022  
(62) 2014268529  
(72) BUTLER, James; BETTENCOURT, Brian; RAJEEV, Kallanthottathil G.; MAIER, Martin; CHARISSE, Klaus  
(74) Griffith Hack

---

(71) AMO Development, LLC  
(11) AU-B-2016409485  
(21) 2016409485 (22) 03.06.2016  
(54) Free floating patient interface for laser surgery system  
(51) Int. Cl.

**A61F 9/008** ( 2006.01 )

(87) WO2017/209772  
(43) 07.12.2017  
(44) 24.11.2022  
(72) Gooding, Phillip H.; Schuele, Georg  
(74) FPA Patent Attorneys Pty Ltd

---

(71) Antabio SAS  
(11) AU-B-2018304907  
(21) 2018304907 (22) 20.07.2018  
(54) Chemical compounds  
(51) Int. Cl.

**C07D 417/12** ( 2006.01 )  
**A61K 31/426** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 277/30** ( 2006.01 )

(87) WO2019/016393  
(31) 17305973.4 (32) 21.07.17 (33) EP  
18290003.5 08.01.18 EP  
18150903.5 09.01.18 EP

(43) 24.01.2019  
(44) 24.11.2022  
(72) DAVIES, David Thomas; LEIRIS, Simon; SPRYNSKI, Nicolas; EVERETT, Martin; ZALACAIN, Magdalena  
(74) Davies Collison Cave Pty Ltd

---

(71) Apparatus LLC  
(11) AU-B-2021218023  
(21) 2021218023 (22) 17.08.2021  
(54) Modular Floor Covering System  
(51) Int. Cl.

**A47G 27/02** ( 2006.01 )  
**A41F 1/00** ( 2006.01 )  
**A44B 99/00** ( 2010.01 )  
**A47G 27/04** ( 2006.01 )

(31) 17/241,180 (32) 27.04.21 (33) US  
63/142,025 27.01.21 US

(43) 11.08.2022  
(44) 24.11.2022  
(72) HENDIFAR, Gabriel  
(74) WRAYS PTY LTD

---

(71) Apple Inc.  
(11) AU-B-2019346631  
(21) 2019346631 (22) 27.09.2019  
(54) Ranging between mobile devices  
(51) Int. Cl.

**G06F 3/0482** ( 2013.01 )  
**H04W 4/80** ( 2018.01 )  
**H04W 4/02** ( 2018.01 )  
**H04W 12/06** ( 2009.01 )

(87) WO2020/069311  
(31) 62/738,915 (32) 28.09.18 (33) US  
(43) 02.04.2020  
(44) 24.11.2022  
(72) LEDVINA, Brent M.; KROCHMAL, Marc J.; BRUMLEY, Robert W.; HARIHARAN, Sriram  
(74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
(11) AU-B-2020264367  
(21) 2020264367 (22) 06.11.2020  
(54) Contextual voice commands  
(51) Int. Cl.

**G10L 15/26** ( 2006.01 )  
**G10L 15/22** ( 2006.01 )

(43) 03.12.2020  
(44) 24.11.2022  
(62) 2018250484  
(72) VAN OS, Marcel; NOVICK, Gregory; HERZ, Scott  
(74) FPA Patent Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

---

(71) Apple Inc.  
 (11) AU-B-2020352919  
 (21) 2020352919 (22) 21.09.2020  
 (54) Physiological monitoring system for measuring oxygen saturation  
 (51) Int. Cl.  
*A61B 5/1455* (2006.01)  
*A61B 5/00* (2006.01)  
 (87) WO2021/061576  
 (31) 62/907,445 (32) 27.09.19 (33) US  
 17/018,850 11.09.20 US  
 (43) 01.04.2021  
 (44) 24.11.2022  
 (72) VENUGOPAL, Vivek; BLOCK, Ueyn L.; LAND, Brian R.; MANNHEIMER, Paul D.; CERUSSI, Albert E.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2021200894  
 (21) 2021200894 (22) 11.02.2021  
 (54) Multi-device charging user interface  
 (51) Int. Cl.  
*H02J 7/00* (2006.01)  
*G06F 1/26* (2006.01)  
*H02J 50/40* (2016.01)  
*H02J 50/80* (2016.01)  
 (43) 04.03.2021  
 (44) 24.11.2022  
 (62) 2018279782  
 (72) BEHZADI, Arian; CHAN, Joseph Y.; DEVINE, Lynne; FOSS, Christopher Patrick; MARI, Pedro; PERSSON, Per Haakan Linus; VERWEIJ, Hugo; WANG, Corey Keiko  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2021202350  
 (21) 2021202350 (22) 19.04.2021  
 (54) Maintaining context information between user interactions with a voice assistant  
 (51) Int. Cl.  
*G06Q 10/00* (2012.01)  
 (43) 13.05.2021  
 (44) 24.11.2022  
 (62) 2019283968  
 (72) CHEYER, Adam John; GUZZONI, Didier Rene; GRUBER, Thomas Robert; BRIGHAM, Christopher Dean; KITTLAUS, Dag  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2021204255  
 (21) 2021204255 (22) 23.06.2021  
 (54) Adaptive transfer function for video encoding and decoding  
 (51) Int. Cl.  
*H04N 19/124* (2014.01)  
*H04N 19/154* (2014.01)  
*H04N 19/17* (2014.01)  
*H04N 19/98* (2014.01)  
 (43) 22.07.2021

---

(44) 24.11.2022  
 (62) 2020201023  
 (72) TOURAPIS, Alexis; SINGER, David  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2021204661  
 (21) 2021204661 (22) 02.07.2021  
 (54) Sample adaptive offset control  
 (51) Int. Cl.  
*H04N 19/186* (2014.01)  
*H04N 19/44* (2014.01)  
*H04N 19/463* (2014.01)  
*H04N 19/70* (2014.01)  
*H04N 19/82* (2014.01)  
*H04N 19/86* (2014.01)

---

(43) 29.07.2021  
 (44) 24.11.2022  
 (62) 2020201584  
 (72) TOURAPIS, Alexandros  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Apple Inc.  
 (11) AU-B-2021250944  
 (21) 2021250944 (22) 15.10.2021  
 (54) Image data for enhanced user interactions  
 (51) Int. Cl.  
*G06F 17/00* (2019.01)  
 (43) 11.11.2021  
 (44) 24.11.2022  
 (62) 2020201721  
 (72) BEREZA, Marek; GIRLING, Lukas Robert Tom; MALIA, Joseph A.; BERNSTEIN, Jeffrey Traer; LINDMEIER, William D.; HAUENSTEIN, Mark; BERENSON, Adi; HOFFNUNG, Amir; MISSIG, Julian  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Arbitron Inc.  
 (11) AU-B-2021200467  
 (21) 2021200467 (22) 25.01.2021  
 (54) Gathering research data  
 (51) Int. Cl.  
*G06F 9/44* (2018.01)  
 (43) 25.02.2021  
 (44) 24.11.2022  
 (62) 2019201945  
 (72) FLANAGAN III, Eugene L.; FROST, Carol J.; FITZGERALD, Joan G.  
 (74) Spruson & Ferguson

---

**Aryscale Inc see Technology In Aryscale, LLC**  
 (21) 2019342135

---

**Aron-Dine, S. see New South Innovations Pty Limited**  
 (21) 2017216254

---

**Array BioPharma Inc. see Mirati Therapeutics, Inc.**  
 (21) 2018369759

---

(71) Aruze Gaming America, Inc.  
 (11) AU-B-2021204552  
 (21) 2021204552 (22) 30.06.2021  
 (54) Hybrid casino dice game  
 (51) Int. Cl.  
*A63F 3/00* (2006.01)  
*A63F 9/04* (2006.01)  
*G07F 17/32* (2006.01)  
 (43) 29.07.2021  
 (44) 24.11.2022  
 (62) 2018260722  
 (72) Persson, Eric; Enokido, Kenji; Munakata, Hiroki; Huang, Aaron; Nakamura, Motoya; Hamao, Kenji  
 (74) Spruson & Ferguson

---

(71) Avery Dennison Corporation  
 (11) AU-B-2021200827  
 (21) 2021200827 (22) 10.02.2021  
 (54) ADHESIVE ACRYLATE-OLEFIN COPOLYMERS, METHODS FOR PRODUCING SAME AND COMPOSITIONS UTILIZING SAME  
 (51) Int. Cl.  
*B65C 9/20* (2006.01)  
*G09F 3/00* (2006.01)  
*G09F 3/02* (2006.01)  
*G09F 3/10* (2006.01)  
 (43) 04.03.2021  
 (44) 24.11.2022  
 (62) 2020200013  
 (72) BLACKWELL, Christopher J.; AKELEY, James P.; WOLFE, Kenneth J.; RACKOVAN, Mitchell J.; KARBACKA, Karen L.; MCCARTNEY, Tamara L.; DESAI, Ajay S.; POROSKY, Sara E.  
 (74) Griffith Hack

---

(71) BalloonX S .r.l.  
 (11) AU-B-2017371475  
 (21) 2017371475 (22) 07.12.2017  
 (54) A method of performing a procedure on an animal involving stunning and/or killing said animal  
 (51) Int. Cl.  
*A22B 3/00* (2006.01)  
 (87) WO2018/106115  
 (31) 2017948 (32) 07.12.16 (33) NL  
 (43) 14.06.2018  
 (44) 24.11.2022  
 (72) Kiezebrink, Harm  
 (74) Michael Buck IP

---

(71) BASF SE  
 (11) AU-B-2018219660  
 (21) 2018219660 (22) 09.02.2018  
 (54) Acrylate-based monomers for use as reactive diluents in printing formulations  
 (51) Int. Cl.  
*C09D 11/101* (2014.01)  
*B41M 7/00* (2006.01)  
*C09D 4/00* (2006.01)  
*C09D 11/30* (2014.01)  
 (87) WO2018/146258  
 (31) 17155564.2 (32) 10.02.17 (33) EP  
 (43) 16.08.2018

Applications Accepted - Name Index cont'd

- (44) 24.11.2022  
 (72) Fleckenstein, Christoph; Baro, Juergen; Beck, Erich; Kaller, Martin; Misske, Andrea; Fleischhaker, Friederike  
 (74) Griffith Hack
- 
- (71) Basilea Pharmaceutica International AG  
 (11) AU-B-2016341399  
 (21) 2016341399 (22) 24.10.2016  
 (54) Use of EB1 as a biomarker of drug response  
 (51) Int. Cl.  
*G01N 33/574* ( 2006.01 )  
 (87) WO2017/068182  
 (31) 15191127.8 (32) 22.10.15 (33) EP  
 (43) 27.04.2017  
 (44) 24.11.2022  
 (72) Braguer, Diane; Berges, Raphael; Honoré, Stéphane; Lane, Heidi; Bachmann, Felix  
 (74) Spruson & Ferguson
- 
- Bassman, L. see New South Innovations Pty Limited**  
 (21) 2017216254
- 
- (71) Becton, Dickinson and Company  
 (11) AU-B-2021269333  
 (21) 2021269333 (22) 16.11.2021  
 (54) Method and apparatus for wetting internal fluid path surfaces of a fluid port to increase ultrasonic signal transmission  
 (51) Int. Cl.  
*A61M 5/14* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )  
*A61M 5/168* ( 2006.01 )  
*A61M 5/172* ( 2006.01 )  
 (43) 09.12.2021  
 (44) 24.11.2022  
 (62) 2017286812  
 (72) VERMA, Kaushal; FORD, Brandi; DEKALB, Shawn Wayne; ZHU, Hong  
 (74) FB Rice Pty Ltd
- 
- (71) Becton, Dickinson and Company  
 (11) AU-B-2022200552  
 (21) 2022200552 (22) 28.01.2022  
 (54) Universal single-use cap for male and female connectors  
 (51) Int. Cl.  
*A61M 39/20* ( 2006.01 )  
*A61M 39/10* ( 2006.01 )  
*A61M 39/16* ( 2006.01 )  
 (43) 03.03.2022  
 (44) 24.11.2022  
 (62) 2021203591  
 (72) EREKOVANSKI, Nicholas; JIANG, Chang; MARICI, Paul  
 (74) Dark IP
- 
- (71) Beijing Baidu Netcom Science and Technology Co., Ltd.  
 (11) AU-B-2021201798  
 (21) 2021201798 (22) 23.03.2021

- (54) High-fidelity superconducting circuit structure, superconducting quantum chip, and superconducting quantum computer  
 (51) Int. Cl.  
*G06N 10/00* ( 2019.01 )  
*H01L 39/22* ( 2006.01 )  
*H03K 3/38* ( 2006.01 )  
*H03K 19/195* ( 2006.01 )  
 (31) 202010682384.5 (32) 15.07.20 (33) CN  
 (43) 03.02.2022  
 (44) 24.11.2022  
 (72) Jin, Lijing; Duan, Runyao  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Beijing Sanyuan Foods Co., Ltd.  
 (11) AU-B-2020469798  
 (21) 2020469798 (22) 28.09.2020  
 (54) Yoghurt for regulating intestinal tract, and preparation method therefor and use thereof  
 (51) Int. Cl.  
*A23C 9/13* ( 2006.01 )  
*A23C 9/123* ( 2006.01 )  
*A23C 9/127* ( 2006.01 )  
 (87) WO2022/061883  
 (43) 31.03.2022  
 (44) 24.11.2022  
 (72) CHEN, Lijun; LIU, Yanpin; LI, Jiantao; ZHAO, Junying; LIU, Bin; LIU, Lu; QIAO, Weicang; ZHOU, Weiming  
 (74) Spruson & Ferguson
- 
- (71) Beijing Tide Pharmaceutical Co., Ltd.  
 (11) AU-B-2018361276  
 (21) 2018361276 (22) 31.10.2018  
 (54) P2X3 and/or P2X2/3 receptor antagonist, pharmaceutical composition comprising same, and use thereof  
 (51) Int. Cl.  
*C07D 401/12* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*C07D 239/48* ( 2006.01 )  
*C07D 401/06* ( 2006.01 )  
 (87) WO2019/085916  
 (31) PCT/ CN2017/108884  
 (43) 09.05.2019  
 (44) 24.11.2022  
 (72) ZHAO, Yanping; WANG, Hongjun; LI, Gong; LI, Xiang; JIANG, Yuanyuan; LIU, Kai; WANG, Yeming; ZHOU, Liying; LIU, Yanan; SHAO, Ning; XIAO, Fengping  
 (74) FB Rice Pty Ltd
- 
- (71) Beyond Architectural Pty Ltd  
 (11) AU-B-2020284271  
 (21) 2020284271 (22) 27.05.2020  
 (54) Hinge  
 (51) Int. Cl.  
*E05F 3/20* ( 2006.01 )  
*E05D 5/02* ( 2006.01 )  
*E05D 7/086* ( 2006.01 )  
*E05F 1/06* ( 2006.01 )  
*E05F 1/12* ( 2006.01 )  
 (87) WO2020/237303  
 (31) 2019901811 (32) 27.05.19 (33) AU  
 2020900548 26.02.20 AU

- (43) 03.12.2020  
 (44) 24.11.2022  
 (72) LAWS, Adam  
 (74) MEYER WEST IP PTY LTD
- 
- (71) Biogen MA Inc.  
 (11) AU-B-2020244395  
 (21) 2020244395 (22) 28.09.2020  
 (54) Pharmaceutical compositions containing dimethyl fumarate  
 (51) Int. Cl.  
*A61K 31/225* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (43) 29.10.2020  
 (44) 24.11.2022  
 (62) 2018260937  
 (72) GOLDMAN, David; DAWSON, Katherine; NIRULA, Ajay  
 (74) FB Rice Pty Ltd
- 
- (71) Bionime Corporation; Bionime USA Corporation  
 (11) AU-B-2020294357  
 (21) 2020294357 (22) 31.07.2020  
 (54) Physiological signal monitoring device  
 (51) Int. Cl.  
*A61B 5/1473* ( 2006.01 )  
 (87) WO2021/024131  
 (31) 62/882,140 (32) 02.08.19 (33) US  
 109100959 10.01.20 TW  
 (43) 18.02.2021  
 (44) 24.11.2022  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; LEE, Chen-Hao  
 (74) Phillips Ormonde Fitzpatrick
- 
- Bionime USA Corporation see Bionime Corporation**  
 (21) 2020294357
- 
- Biopeptides Corp. see QIAGEN Sciences LLC**  
 (21) 2016328277
- 
- (71) BIORA THERAPEUTICS, INC.  
 (11) AU-B-2017322324  
 (21) 2017322324 (22) 08.09.2017  
 (54) Electromechanical ingestible device for delivery of a dispensable substance  
 (51) Int. Cl.  
*A61B 1/04* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (87) WO2018/049133  
 (31) 62/480,187 (32) 31.03.17 (33) US  
 62/478,753 30.03.17 US  
 62/545,129 14.08.17 US  
 62/540,873 03.08.17 US  
 62/478,955 30.03.17 US  
 62/385,553 09.09.16 US  
 (43) 15.03.2018  
 (44) 24.11.2022  
 (72) Jones, Mitchell Lawrence; Wahl, Christopher Loren; Wey, Gene Alan; Philippien, Aaron Olafur Laurence; Drlik, Mark Sasha; Jones, Ryan Elliott; Muller,



Applications Accepted - Name Index cont'd

Nathan John; Garland, Andrew Carlos; Niknia, Iman  
(74) Davies Collison Cave Pty Ltd

(71) Bluebeam, Inc.  
(11) AU-B-2021221871  
(21) 2021221871 (22) 26.08.2021  
(54) Method of computerized presentation of a legend of object symbols on a document  
(51) Int. Cl.  
G06T 11/60 ( 2006.01 )  
G06Q 10/10 ( 2012.01 )  
G06Q 50/10 ( 2012.01 )  
(43) 23.09.2021  
(44) 24.11.2022  
(62) 2016343938  
(72) Kutilek, Jack; Chenault, Elliot  
(74) Davies Collison Cave Pty Ltd

(71) BlueGreen Water Technologies Ltd.  
(11) AU-B-2020218157  
(21) 2020218157 (22) 30.01.2020  
(54) Compositions for controlling phytoplankton contamination  
(51) Int. Cl.  
C02F 1/50 ( 2006.01 )  
A01N 25/12 ( 2006.01 )  
A01N 25/14 ( 2006.01 )  
A01N 25/26 ( 2006.01 )  
(87) WO2020/161696  
(31) 264657 (32) 05.02.19 (33) IL  
(43) 13.08.2020  
(44) 24.11.2022  
(72) HAREL, Moshe; BEREZIN, Oleg Yu.  
(74) Collison & Co

(71) BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.  
(11) AU-B-2019474452  
(21) 2019474452 (22) 15.11.2019  
(54) Array substrate and display device  
(51) Int. Cl.  
H01L 27/32 ( 2006.01 )  
(87) WO2021/092875  
(43) 20.05.2021  
(44) 24.11.2022  
(72) HUANG, Yao; HUANG, Weiyun; LONG, Yue; ZENG, Chao; LI, Meng  
(74) Griffith Hack

(71) Bolder Industries  
(11) AU-B-2019359896  
(21) 2019359896 (22) 19.10.2019  
(54) System and method for pelletizing carbon black reclaimed from waste tires  
(51) Int. Cl.  
C08K 3/04 ( 2006.01 )  
C08L 7/00 ( 2006.01 )  
C08L 23/16 ( 2006.01 )  
(87) WO2020/082050  
(31) 62/748,230 (32) 19.10.18 (33) US  
62/778,208 11.12.18 US  
(43) 23.04.2020

(44) 24.11.2022  
(72) WIBBELER, William Anthony; MURPHY, Nathaniel Cole  
(74) Spruson & Ferguson

(71) Bosch Power Tools (China) Co., Ltd  
(11) AU-B-2019367015  
(21) 2019367015 (22) 26.09.2019  
(54) Flat drill  
(51) Int. Cl.  
B23B 51/00 ( 2006.01 )  
B27G 15/00 ( 2006.01 )  
(87) WO2020/082976  
(31) 201821747576.4 (32) 26.10.18 (33) CN  
(43) 30.04.2020  
(44) 24.11.2022  
(72) LIN, Jie; LI, Chenying; REN, Jun  
(74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation  
(11) AU-B-2020256033  
(21) 2020256033 (22) 17.03.2020  
(54) Neural sensing in an implantable stimulator device during the provision of active stimulation  
(51) Int. Cl.  
A61N 1/36 ( 2006.01 )  
A61B 5/24 ( 2021.01 )  
A61B 5/00 ( 2006.01 )  
(87) WO2020/205235  
(31) 62/825,982 (32) 29.03.19 (33) US  
(43) 08.10.2020  
(44) 24.11.2022  
(72) WAGENBACH, David M.; GURURAJ, Kiran K.  
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
(11) AU-B-2020306056  
(21) 2020306056 (22) 25.06.2020  
(54) Detection of an endoscope to a fluid management system  
(51) Int. Cl.  
A61B 1/015 ( 2006.01 )  
A61B 1/12 ( 2006.01 )  
A61B 5/03 ( 2006.01 )  
A61M 25/00 ( 2006.01 )  
(87) WO2020/264084  
(31) 62/867,557 (32) 27.06.19 (33) US  
(43) 30.12.2020  
(44) 24.11.2022  
(72) SHAH, Vivek; PEREIRA, Peter J.; RAUNIYAR, Niraj Prasad  
(74) Spruson & Ferguson

(71) Bremer, T.  
(11) AU-B-2017313907  
(21) 2017313907 (22) 18.08.2017  
(54) Delivery of urea to cells of the macula and retina using liposome constructs  
(51) Int. Cl.  
A61K 31/00 ( 2006.01 )  
A61K 9/127 ( 2006.01 )  
(87) WO2018/035476  
(31) 62/376,862 (32) 18.08.16 (33) US  
(43) 22.02.2018

(44) 24.11.2022  
(72) Bremer, Troy  
(74) FB Rice Pty Ltd

(71) Bridgestone Corporation  
(11) AU-B-2019273970  
(21) 2019273970 (22) 15.04.2019  
(54) Tire state management system and tire state management program  
(51) Int. Cl.  
G06Q 10/00 ( 2012.01 )  
B60C 19/00 ( 2006.01 )  
G06Q 10/04 ( 2012.01 )  
G06T 7/00 ( 2017.01 )  
G08B 31/00 ( 2006.01 )  
(87) WO2019/225212  
(31) 2018-100696 (32) 25.05.18 (33) JP  
(43) 28.11.2019  
(44) 24.11.2022  
(72) FUJIKAKE, Kanae; KANEDA, Hideyuki; MORI, Teppei; DAIFUKU, Masafumi; TSUCHIYA, Kei  
(74) Griffith Hack

(71) Bruin Biometrics, LLC  
(11) AU-B-2021202263  
(21) 2021202263 (22) 14.04.2021  
(54) Bisymmetric comparison of sub-epidermal moisture values  
(51) Int. Cl.  
A61B 5/00 ( 2006.01 )  
A61B 5/053 ( 2021.01 )  
(43) 06.05.2021  
(44) 24.11.2022  
(62) 2020201790  
(72) BURNS, Martin F.; BARRINGTON, Sara; ROSS, Graham O.  
(74) Spruson & Ferguson

(71) Butlr Technologies Inc.  
(11) AU-B-2021231676  
(21) 2021231676 (22) 19.02.2021  
(54) Monitoring human location, trajectory and behavior using thermal data  
(51) Int. Cl.  
G08B 13/19 ( 2006.01 )  
(87) WO2021/178145  
(31) 62/986,442 (32) 06.03.20 (33) US  
17/178,784 18.02.21 US  
(43) 10.09.2021  
(44) 24.11.2022  
(72) DENG, Honghao; ZHANG, Ziran; ZHANG, Yan; ZENG, Jiani  
(74) Michael Buck IP

(71) Buzon Pedestal International  
(11) AU-B-2017272248  
(21) 2017272248 (22) 07.12.2017  
(54) Spacer parts carrying element  
(51) Int. Cl.  
E04F 15/024 ( 2006.01 )  
(31) BE2016/0183 (32) 15.12.16 (33) BE  
(43) 05.07.2018  
(44) 24.11.2022  
(72) Buzon, Laurent; Buzon, Claude; Felten, Patrick  
(74) Griffith Hack

Applications Accepted - Name Index cont'd

---

(71) California Institute of Technology; The Regents of the University of California; 1200 Pharma LLC  
 (11) AU-B-2019310595  
 (21) 2019310595 (22) 26.07.2019  
 (54) CDK inhibitors and uses thereof  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61K 31/5386* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*C07D 491/056* ( 2006.01 )  
 (87) WO2020/023917  
 (31) 62/711,192 (32) 27.07.18 (33) US  
 (43) 30.01.2020  
 (44) 24.11.2022  
 (72) O'BOYLE, Brendan M.; HILF, Justin A.; VIRGIL, Scott C.; SUN, Alexander W.; STOLTZ, Brian M.; CONKLIN, Dylan; MCDERMOTT, Martina; O'BRIEN, Neil A.; PALAZZOLO, Michael J.; SLAMON, Dennis; BARTBERGER, Michael D.  
 (74) Pearce IP Pty Ltd

---

(71) Cambridge Enterprise Limited  
 (11) AU-B-2019289206  
 (21) 2019289206 (22) 21.06.2019  
 (54) A photon multiplying film  
 (51) Int. Cl.  
*H01L 51/44* ( 2006.01 )  
 (87) WO2019/243839  
 (31) 1810291.3 (32) 22.06.18 (33) GB  
 (43) 26.12.2019  
 (44) 24.11.2022  
 (72) RAO, Akshay; DAVIS, Nathaniel; AL-LARDICE, Jesse; RIDER, Chris; DOWLAND, Simon; WINKEL, Jurjen Frederik  
 (74) Spruson & Ferguson

---

(71) CAP Diagnostics, LLC, dba Pathnostics  
 (11) AU-B-2018254514  
 (21) 2018254514 (22) 19.04.2018  
 (54) Assay for the comprehensive identification of antibiotic sensitivity  
 (51) Int. Cl.  
*C12Q 1/18* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
*C12Q 1/00* ( 2006.01 )  
*C12Q 1/02* ( 2006.01 )  
*G01N 21/00* ( 2006.01 )  
 (87) WO2018/195343  
 (31) 62/487,395 (32) 19.04.17 (33) US  
 (43) 25.10.2018  
 (44) 24.11.2022  
 (72) Baunoch, David A.; Penaranda, Miguel F.R.; Opel, Michael L.; Badir, Maher  
 (74) AJ PARK

---

(71) Cardinal Commerce Corporation  
 (11) AU-B-2022200190  
 (21) 2022200190 (22) 13.01.2022  
 (54) System and method for tokenization  
 (51) Int. Cl.  
*G06Q 20/02* ( 2012.01 )

*G06Q 20/38* ( 2012.01 )  
 (43) 10.02.2022  
 (44) 24.11.2022  
 (62) 2016295391  
 (72) KERESMAN III, Michael A.; SHERWIN, Francis M.; BALASUBRAMANIAN, Chandra; BENDER, Gary; KATZIN, Ed; CARLSON, Mark  
 (74) FB Rice Pty Ltd

---

(71) CASIO COMPUTER CO., LTD.  
 (11) AU-B-2017279801  
 (21) 2017279801 (22) 22.12.2017  
 (54) Figure plotting device, figure plotting method, and recording medium  
 (51) Int. Cl.  
*G06T 15/10* ( 2011.01 )  
 (31) 2016-250412 (32) 26.12.16 (33) JP  
 (43) 12.07.2018  
 (44) 24.11.2022  
 (72) OKUMA, Kentaro; TANAKA, Hirokazu  
 (74) Griffith Hack

---

(71) Cella Therapeutics, LLC  
 (11) AU-B-2019288296  
 (21) 2019288296 (22) 18.06.2019  
 (54) Sustained-release drug delivery systems comprising an intraocular pressure lowering agent, a CNP compound, an NPR-B compound, a Tie-2 agonist, or neurotrophic agent for use for treating glaucoma or ocular hypertension  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/713* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/22* ( 2006.01 )  
 (87) WO2019/246130  
 (31) 62/747,060 (32) 17.10.18 (33) US  
 62/687,172 19.06.18 US  
 62/726,029 31.08.18 US  
 (43) 26.12.2019  
 (44) 24.11.2022  
 (72) SCHIFFMAN, Rhett M.; SCHEIBLER, Lukas  
 (74) FB Rice Pty Ltd

---

(71) Central South University  
 (11) AU-B-2020317917  
 (21) 2020317917 (22) 22.07.2020  
 (54) Method for calculating length of time taken for train to pass through tunnel, system, and storage medium  
 (51) Int. Cl.  
*G06K 9/62* ( 2006.01 )  
 (87) WO2021/013192  
 (31) 201910670306.0 (32) 24.07.19 (33) CN  
 (43) 28.01.2021  
 (44) 24.11.2022  
 (72) LIU, Hui; LI, Yanfei; WU, Haiping; ZHANG, Lei  
 (74) Spruson & Ferguson

---

Centre Hospitalier Regional Universitaire de Lille see INSERM (Institut National de la Santé et de la Recherche Médicale)

(21) 2018304910

---

Centre National de la Recherche Scientifique see INSERM (Institut National de la Santé et de la Recherche Médicale)  
 (21) 2018304910

---

CHANG, C.P. see KAO, H.S.  
 (21) 2022200564

---

(71) ChemoCentryx, Inc.  
 (11) AU-B-2018388655  
 (21) 2018388655 (22) 20.12.2018  
 (54) Diaryl substituted 6,5-fused ring compounds as C5aR inhibitors  
 (51) Int. Cl.  
*C07D 231/56* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (87) WO2019/126424  
 (31) 62/609,834 (32) 22.12.17 (33) US  
 (43) 27.06.2019  
 (44) 24.11.2022  
 (72) FAN, Pingchen; LANGE, Christopher W.; MALATHONG, Viengkham; MALLI, Venkat Reddy; PUNNA, Sreenivas; TANAKA, Hiroko; ZENG, Yibin; ZHANG, Penglie  
 (74) Spruson & Ferguson

---

Chengdu BOE Optoelectronics Technology Co., Ltd. see BOE Technology Group Co., Ltd.  
 (21) 2019474452

---

(71) Chevron U.S.A. Inc.  
 (11) AU-B-2017343749  
 (21) 2017343749 (22) 12.10.2017  
 (54) System and method for seismic facies identification using machine learning  
 (51) Int. Cl.  
*G01V 1/30* ( 2006.01 )  
 (87) WO2018/071632  
 (31) 62/408,188 (32) 14.10.16 (33) US  
 (43) 19.04.2018  
 (44) 24.11.2022  
 (72) Osyrov, Konstantin; Wilkinson, David; Bandura, Laura L.; Halpert, Adam Dean  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) China University of Mining and Technology  
 (11) AU-B-2020275806  
 (21) 2020275806 (22) 30.04.2020  
 (54) Mining-induced stress assessment method based on microseismic damage reconstruction  
 (51) Int. Cl.  
*G01V 1/28* ( 2006.01 )  
*G01L 1/25* ( 2006.01 )  
*G01V 1/30* ( 2006.01 )  
 (87) WO2020/228546  
 (31) 201910404955.6 (32) 16.05.19 (33) CN  
 (43) 19.11.2020

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) CAI, Wu; DOU, Linming; CAO, Anye; GONG, Siyuan; YUAN, Shasha  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

---

(71) Cipla Limited  
 (11) AU-B-2020260764  
 (21) 2020260764 (22) 24.04.2020  
 (54) Methods and systems for simulating deposition of inhaled drug on lungs  
 (51) Int. Cl.  
*G09B 23/30* ( 2006.01 )  
 (87) WO2020/217259  
 (31) 201921016322 (32) 24.04.19 (33) IN  
 (43) 29.10.2020  
 (44) 24.11.2022  
 (72) KULKARNI, Nandan; MALHOTRA, Geena  
 (74) FB Rice Pty Ltd

---

(71) Citrix Systems, Inc.  
 (11) AU-B-2019371364  
 (21) 2019371364 (22) 14.10.2019  
 (54) Securely sharing files with user devices based on location  
 (51) Int. Cl.  
*G06Q 10/10* ( 2012.01 )  
*G06Q 50/00* ( 2012.01 )  
 (87) WO2020/091980  
 (31) 16/174,499 (32) 30.10.18 (33) US  
 (43) 07.05.2020  
 (44) 24.11.2022  
 (72) DHANABALAN, Praveen Raja; PANT, Saurabh  
 (74) FB Rice Pty Ltd

---

(71) CJ Cheiljedang Corporation  
 (11) AU-B-2019435161  
 (21) 2019435161 (22) 02.08.2019  
 (54) Novel allulose-derived compound  
 (51) Int. Cl.  
*C07H 3/04* ( 2006.01 )  
*A23L 27/30* ( 2016.01 )  
 (87) WO2020/189859  
 (31) 10-2019-0032093 (32) 21.03.19 (33) KR  
 (43) 24.09.2020  
 (44) 24.11.2022  
 (72) KIM, Min Hoe; LEE, Young Mi; KANG, In Sung; KIM, Seong Bo; KIM, Taek Beom; BYUN, Sung Bae; CHOI, Eun Jung; CHOI, Jong Min  
 (74) WRAYS PTY LTD

---

(71) CloudBlue LLC  
 (11) AU-B-2018252007  
 (21) 2018252007 (22) 13.04.2018  
 (54) Technologies for creating and distributing integration connectors in a cloud service brokerage system  
 (51) Int. Cl.  
*G06F 8/60* ( 2018.01 )  
*G06F 8/70* ( 2018.01 )  
*G06F 9/46* ( 2006.01 )  
 (87) WO2018/191680  
 (31) 62/485,665 (32) 14.04.17 (33) US  
 (43) 18.10.2018

(44) 24.11.2022  
 (72) Grebenshikov, Vladimir; Kuzkin, Maxim; Khaerov, Aleksandr  
 (74) RnB IP Pty Ltd

---

(71) Clumio, Inc.  
 (11) AU-B-2020267132  
 (21) 2020267132 (22) 24.04.2020  
 (54) Restore from a cloud-based data protection service  
 (51) Int. Cl.  
*G06F 11/14* ( 2006.01 )  
 (87) WO2020/223117  
 (31) 62/840,569 (32) 30.04.19 (33) US  
 (43) 05.11.2020  
 (44) 24.11.2022  
 (72) CHANG, Lawrence Jaemyung; JUNG, Woon Ho; KUMAR, Poojan; MAT-SUDDI, Monoreet; PALEKAR, Amber; PANG, Hung Hing Anthony; PATIL, Kaustubh Sambhaji; SHARMA, Rishabh; STEWART, John  
 (74) RnB IP Pty Ltd

---

(71) Coalfields Engineering Pty Ltd  
 (11) AU-B-2017351739  
 (21) 2017351739 (22) 27.10.2017  
 (54) A press wheel for a seeding machine  
 (51) Int. Cl.  
*A01C 5/06* ( 2006.01 )  
 (87) WO2018/076069  
 (31) 2016904420 (32) 28.10.16 (33) AU  
 (43) 03.05.2018  
 (44) 24.11.2022  
 (72) Glenn, Geoffrey; Glenn, Michael  
 (74) Integrated IP

---

(71) Coates Hire Operations Pty Ltd  
 (11) AU-B-2020402350  
 (21) 2020402350 (22) 10.12.2020  
 (54) A shoring prop and connectors  
 (51) Int. Cl.  
*E04G 25/02* ( 2006.01 )  
*E04G 1/17* ( 2006.01 )  
*E04G 1/20* ( 2006.01 )  
*E04G 5/16* ( 2006.01 )  
*E04G 21/26* ( 2006.01 )  
*E04G 23/04* ( 2006.01 )  
 (87) WO2021/113918  
 (31) 2019904678 (32) 10.12.19 (33) AU  
 (43) 17.06.2021  
 (44) 24.11.2022  
 (72) RAINA, Sudhir; HEIDARPOUR, Amin; NAJAFABADI, Esmaeil Pournamazian  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

---

(71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2018333285  
 (21) 2018333285 (22) 17.09.2018  
 (54) RNA molecules  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (87) WO2019/051563  
 (31) 2018902840 (32) 03.08.18 (33) AU  
 2017903773 15.09.17 AU

2018902896 08.08.18 AU  
 (43) 21.03.2019  
 (44) 24.11.2022  
 (72) SMITH, Neil Andrew; WANG, Ming-Bo; DORAN, Timothy James; TIZARD, Mark; ALLU, Annapurna Devi; GREAVES, Ian Kevin; GAO, Lingling; ANDERSON, Jonathan Paul  
 (74) FB Rice Pty Ltd

---

(71) ConocoPhillips Company  
 (11) AU-B-2018307608  
 (21) 2018307608 (22) 23.07.2018  
 (54) In-situ surfactant retention evaluation using single well chemical tracer tests  
 (51) Int. Cl.  
*C09K 8/584* ( 2006.01 )  
*C09K 8/588* ( 2006.01 )  
*E21B 43/16* ( 2006.01 )  
 (87) WO2019/023100  
 (31) 62/537,091 (32) 26.07.17 (33) US  
 (43) 31.01.2019  
 (44) 24.11.2022  
 (72) LI, Gaoming; NEEDHAM, Riley B.; SOLAIRAJ, Sriram  
 (74) RnB IP Pty Ltd

---

(71) Constellation Pharmaceuticals, Inc.  
 (11) AU-B-2019255310  
 (21) 2019255310 (22) 17.04.2019  
 (54) Modulators of methyl modifying enzymes, compositions and uses thereof  
 (51) Int. Cl.  
*C07D 405/14* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )  
 (87) WO2019/204490  
 (31) 62/659,408 (32) 18.04.18 (33) US  
 (43) 24.10.2019  
 (44) 24.11.2022  
 (72) CÔTÉ, Alexandre; GEHLING, Victor S.; KHANNA, Avinash; MOINE, Ludivine; STUCKEY, Jacob I.  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Cook Medical Technologies LLC; Muffin Incorporated Dba Cook Advanced Technologies  
 (11) AU-B-2020216912  
 (21) 2020216912 (22) 28.01.2020  
 (54) Cell tissue processing apparatus, systems, methods, and products  
 (51) Int. Cl.  
*C12M 3/00* ( 2006.01 )  
 (87) WO2020/159899  
 (31) 62/797,409 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
 (44) 24.11.2022  
 (72) FEARNOT, Neal; ROBBINS, Sarah; BUHRMESTER, Marc; KRIEGER, Joshua; CONVERSE, Gabriel  
 (74) Madderns Pty Ltd

---

(71) CQMS Pty Ltd  
 (11) AU-B-2016414417  
 (21) 2016414417 (22) 15.07.2016

Applications Accepted - Name Index cont'd

(54) A wear member monitoring system  
 (51) Int. Cl.  
*E02F 9/24* ( 2006.01 )  
*E02F 3/26* ( 2006.01 )  
 (87) WO2018/009955  
 (43) 18.01.2018  
 (44) 24.11.2022  
 (72) Leslie, Bruce Alexander; Hillier, Nicholas Simon  
 (74) James & Wells Intellectual Property

(71) CRRC Qishuyan Institute Co., Ltd.  
 (11) AU-B-2018455574  
 (21) 2018455574 (22) 28.12.2018  
 (54) Drum gear  
 (51) Int. Cl.  
*F16D 3/02* ( 2006.01 )

(87) WO2020/133264  
 (43) 02.07.2020  
 (44) 24.11.2022  
 (72) ZHANG, Xunlin; ZHAO, Yongqiang; WU, Guoqing; WU, Chengpan  
 (74) James & Wells Intellectual Property

(71) Crystal Lagoons (Curacao) B.V.  
 (11) AU-B-2021200282  
 (21) 2021200282 (22) 18.01.2021  
 (54) A publicly accessible urban beach entertainment complex including a surf feature with a centerpiece man-made tropical-style lagoon and method for providing efficient utilization of limited use land

(51) Int. Cl.  
*B63B 35/44* ( 2006.01 )  
*E02B 3/06* ( 2006.01 )  
*E02B 17/00* ( 2006.01 )  
*E04H 3/00* ( 2006.01 )  
*E04H 14/00* ( 2006.01 )

(43) 18.03.2021  
 (44) 24.11.2022  
 (62) 2018405540  
 (72) Fischmann Torres, Fernando Benjamin  
 (74) Davies Collison Cave Pty Ltd

(71) CSPC Zhongqi Pharmaceutical Technology(Shijiazhuang) Co., Ltd.

(11) AU-B-2018334788  
 (21) 2018334788 (22) 06.09.2018  
 (54) Thienodiazepine derivatives and application thereof

(51) Int. Cl.  
*C07D 495/14* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C07D 243/06* ( 2006.01 )

(87) WO2019/056950  
 (31) 201710867197.2 (32) 22.09.17 (33) CN  
 (43) 28.03.2019  
 (44) 24.11.2022  
 (72) SHEN, Chunli; WU, Chengde; LIU, Yong; GONG, Zhen; LI, Jian; CHEN, Shuhui  
 (74) Churchill Attorneys

(71) Daikin Industries, Ltd.  
 (11) AU-B-2021229135  
 (21) 2021229135 (22) 06.09.2021  
 (54) Heat exchanger and refrigeration apparatus  
 (51) Int. Cl.  
*F28D 1/053* ( 2006.01 )  
*F24F 1/00* ( 2019.01 )  
*F25B 39/00* ( 2006.01 )  
*F28F 9/26* ( 2006.01 )

(43) 30.09.2021  
 (44) 24.11.2022  
 (62) 2018245192  
 (72) Matsumoto, Yoshiyuki; Yoshioka, Shun; Agou, Shouta  
 (74) Spruson & Ferguson

(71) Deere & Company  
 (11) AU-B-2016273921  
 (21) 2016273921 (22) 15.12.2016  
 (54) Machine operation enhancement  
 (51) Int. Cl.  
*G06Q 50/02* ( 2012.01 )

(31) 14/995,948 (32) 14.01.16 (33) US  
 (43) 03.08.2017  
 (44) 24.11.2022  
 (72) Garton, Michael S.  
 (74) Davies Collison Cave Pty Ltd

(71) Dematic Corp.  
 (11) AU-B-2017307377  
 (21) 2017307377 (22) 28.07.2017  
 (54) Diverter for sorter and method of diverting

(51) Int. Cl.  
*B65G 47/46* ( 2006.01 )  
*B07C 5/36* ( 2006.01 )  
*B65G 23/23* ( 2006.01 )  
*B65G 47/68* ( 2006.01 )  
*B65G 47/84* ( 2006.01 )

(87) WO2018/025146  
 (31) 62/371,379 (32) 05.08.16 (33) US  
 (43) 08.02.2018  
 (44) 24.11.2022  
 (72) Devries, Jeffrey; Stanish, Martin; Triesenberg, Thomas; Carlson, Randall  
 (74) Griffith Hack

(71) Dialight Corporation  
 (11) AU-B-2018339445  
 (21) 2018339445 (22) 25.09.2018  
 (54) Diffuser with uplight  
 (51) Int. Cl.  
*F21V 7/10* ( 2006.01 )  
*F21V 17/04* ( 2006.01 )

(87) WO2019/067417  
 (31) 15/715,406 (32) 26.09.17 (33) US  
 (43) 04.04.2019  
 (44) 24.11.2022  
 (72) ZHANG, Yinan; ACACIA, Sam; SHASTRY, Chakrakodi Vishnu  
 (74) Spruson & Ferguson

(71) Dicerna Pharmaceuticals, Inc.  
 (11) AU-B-2017232496  
 (21) 2017232496 (22) 15.03.2017

(54) Compositions and methods for the treatment of a beta-catenin-associated disease or disorder  
 (51) Int. Cl.  
*A61K 31/7088* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61K 31/713* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

(87) WO2017/160983  
 (31) 62/365,164 (32) 21.07.16 (33) US  
 62/309,449 16.03.16 US  
 62/318,529 05.04.16 US  
 (43) 21.09.2017  
 (44) 24.11.2022  
 (72) Abrams, Marc; Ganesh, Shanthi  
 (74) WRAYS PTY LTD

(71) Digital Asset (Switzerland) GmbH  
 (11) AU-B-2017257446  
 (21) 2017257446 (22) 28.04.2017  
 (54) Digital asset modeling  
 (51) Int. Cl.

*G06Q 20/00* ( 2006.01 )  
*G06F 17/00* ( 2006.01 )  
 (87) WO2017/187394  
 (31) 15/181,144 (32) 13.06.16 (33) US  
 62/329,888 29.04.16 US

(43) 02.11.2017  
 (44) 24.11.2022  
 (72) Peikert, Vincent; Veprek, Ratko; Sjodin, Johan; Litsios, James; Bernauer, Alexander; Pilav, Darko; Krom, Robin; Meier, Simon; Kfir, Shaul  
 (74) FB Rice Pty Ltd

(71) Digital Asset (Switzerland) GmbH  
 (11) AU-B-2017296038  
 (21) 2017296038 (22) 14.07.2017  
 (54) Digital asset architecture  
 (51) Int. Cl.

*G06F 17/00* ( 2006.01 )  
*G06F 21/00* ( 2006.01 )  
*G06F 21/60* ( 2013.01 )  
*G06F 21/62* ( 2013.01 )  
 (87) WO2018/013934  
 (31) 62/368,686 (32) 29.07.16 (33) US  
 PCT/ 14.07.16 US  
 US2016/042322 15/210,668 14.07.16 US

(43) 18.01.2018  
 (44) 24.11.2022  
 (72) Kfir, Shaul; Litsios, James; Meier, Simon; Arlaus, Lance; Bernauer, Alexander; Blummer, Tamas; Saraniecki, Eric; Cuperman, Miron  
 (74) FB Rice Pty Ltd

(71) Dolby International AB  
 (11) AU-B-2021200241  
 (21) 2021200241 (22) 15.01.2021  
 (54) Method for encoding and method for decoding a LUT and corresponding devices  
 (51) Int. Cl.

*H04N 19/50* ( 2014.01 )  
*H04N 19/186* ( 2014.01 )  
*H04N 19/30* ( 2014.01 )  
*H04N 19/463* ( 2014.01 )  
 (43) 18.03.2021

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (62) 2018247264  
 (72) Bordes, Philippe; Andrivon, Pierre;  
 Jolly, Emmanuel  
 (74) Chrysiliou IP

(71) Dow Global Technologies LLC; Rohm  
 and Haas Company  
 (11) AU-B-2017269272  
 (21) 2017269272 (22) 23.05.2017  
 (54) Mandrel and support assembly  
 (51) Int. Cl.  
**B29C 57/04** ( 2006.01 )  
 (87) WO2017/205327  
 (31) 62/341,900 (32) 26.05.16 (33) US  
 (43) 30.11.2017  
 (44) 24.11.2022  
 (72) Wenzel, Jeffrey D.; Petr, Michael T.;  
 Mirgon, Mark; Tudor, Jay M.; Crabtree,  
 Sam L.; Feng, Jie  
 (74) Phillips Ormonde Fitzpatrick

(71) Dow Global Technologies LLC; Rohm  
 and Haas Company  
 (11) AU-B-2018245984  
 (21) 2018245984 (22) 19.03.2018  
 (54) Dispersant system for automatic dish  
 washing formulations  
 (51) Int. Cl.  
**C11D 1/72** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
 (87) WO2018/183010  
 (31) 17290049.0 (32) 30.03.17 (33) EP  
 (43) 04.10.2018  
 (44) 24.11.2022  
 (72) Ferrieux, Severine; Wasserman, Eric P.;  
 Creamer, Marianne P.; Dausgs, Edward  
 D.; Klamo, Sara B.; Mercando, Paul  
 (74) Phillips Ormonde Fitzpatrick

(71) Dow Global Technologies LLC; Rohm  
 and Haas Company  
 (11) AU-B-2018245985  
 (21) 2018245985 (22) 19.03.2018  
 (54) Automatic dishwashing compositions  
 with dispersant blend  
 (51) Int. Cl.  
**C11D 1/722** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
 (87) WO2018/183011  
 (31) 17290050.8 (32) 30.03.17 (33) EP  
 (43) 04.10.2018  
 (44) 24.11.2022  
 (72) Klamo, Sara B.; Dausgs, Edward D.;  
 Backer, Scott; Ferrieux, Severine; Mer-  
 cando, Paul; Wasserman, Eric P.  
 (74) Phillips Ormonde Fitzpatrick

(71) DSM IP Assets B.V.  
 (11) AU-B-2017300033  
 (21) 2017300033 (22) 21.07.2017  
 (54) Process for making high-strength poly-  
 lactic acid filament  
 (51) Int. Cl.  
**D01D 5/06** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**D01D 5/12** ( 2006.01 )

**D01F 6/62** ( 2006.01 )  
 (87) WO2018/015528  
 (31) 16180629.4 (32) 21.07.16 (33) EP  
 (43) 25.01.2018  
 (44) 24.11.2022  
 (72) Van Der Werff, Harm; Corakci, Bengisu;  
 Stepanyan, Roman  
 (74) Phillips Ormonde Fitzpatrick

(71) DSM IP Assets B.V.  
 (11) AU-B-2017385508  
 (21) 2017385508 (22) 21.12.2017  
 (54) Multilayer composite material and  
 method for manufacturing  
 (51) Int. Cl.  
**B32B 5/02** ( 2006.01 )  
**B32B 3/30** ( 2006.01 )  
**B32B 5/12** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**B32B 9/02** ( 2006.01 )  
**B32B 9/04** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )

(87) WO2018/122120  
 (31) 62/439,996 (32) 29.12.16 (33) US  
 17152803.7 24.01.17 EP  
 (43) 05.07.2018  
 (44) 24.11.2022  
 (72) Hatcher, Wesley Edward; Adams,  
 Christopher Michael  
 (74) Phillips Ormonde Fitzpatrick

(71) DynElectro ApS  
 (11) AU-B-2020251188  
 (21) 2020251188 (22) 03.04.2020  
 (54) Electrolysis system with controlled  
 thermal profile  
 (51) Int. Cl.  
**C25B 1/00** ( 2006.01 )  
**C25B 1/04** ( 2006.01 )  
**C25B 15/02** ( 2006.01 )  
**H01M 8/00** ( 2016.01 )

(87) WO2020/201485  
 (31) 19167612.1 (32) 05.04.19 (33) EP  
 (43) 08.10.2020  
 (44) 24.11.2022  
 (72) JENSEN, Søren Højgaard; GRAVES,  
 Christopher Ronald; MOGENSEN, Mo-  
 gens Bjerg  
 (74) FPA Patent Attorneys Pty Ltd

(71) E.P.O.S IASIS Research and Develop-  
 ment Limited  
 (11) AU-B-2017422200  
 (21) 2017422200 (22) 05.07.2017  
 (54) Multifunctional conjugates  
 (51) Int. Cl.  
**C07D 311/76** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )

(87) WO2019/007447  
 (43) 10.01.2019  
 (44) 24.11.2022  
 (72) Odysseos, Andreani; Evdokiou, An-  
 dreas; Keramidias, Anastasios  
 (74) FPA Patent Attorneys Pty Ltd

(71) Eastern Virginia Medical School  
 (11) AU-B-2017223595

(21) 2017223595 (22) 23.02.2017  
 (54) An improved formulation of long-acting  
 levonorgestrel butanoate injectable de-  
 pot suspension  
 (51) Int. Cl.  
**A61K 9/14** ( 2006.01 )  
 (87) WO2017/147274  
 (31) 62/299,257 (32) 24.02.16 (33) US  
 (43) 31.08.2017  
 (44) 24.11.2022  
 (72) McCormick, Timothy J.; Doncel,  
 Gustavo F.; Clark, Meredith Roberts;  
 Schwartz, Jill  
 (74) Davies Collison Cave Pty Ltd

(71) Ecc Tec Msj Incorporated  
 (11) AU-B-2020369432  
 (21) 2020369432 (22) 08.06.2020  
 (54) Exhaust system and features thereof  
 (51) Int. Cl.  
**B01D 53/86** ( 2006.01 )  
**B01D 53/94** ( 2006.01 )  
**B01J 35/02** ( 2006.01 )  
**B01J 35/04** ( 2006.01 )  
**F01N 3/021** ( 2006.01 )  
**F01N 3/10** ( 2006.01 )  
**F01N 3/20** ( 2006.01 )

(87) WO2021/080651  
 (31) 16/664,172 (32) 25.10.19 (33) US  
 PCT/ 26.11.19 US  
 US2019/063387  
 16/625,074 20.12.19 US  
 (43) 29.04.2021  
 (44) 24.11.2022  
 (72) AKYILDIZ, Saban  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) Ecolab USA Inc.  
 (11) AU-B-2017302240  
 (21) 2017302240 (22) 26.01.2017  
 (54) Corrosion inhibiting polymer composi-  
 tions, mixtures, and methods of using  
 the same  
 (51) Int. Cl.  
**C23F 11/08** ( 2006.01 )  
**C02F 5/10** ( 2006.01 )  
**C02F 5/12** ( 2006.01 )  
**C23F 11/173** ( 2006.01 )

(87) WO2018/022139  
 (31) 62/368,255 (32) 29.07.16 (33) US  
 (43) 01.02.2018  
 (44) 24.11.2022  
 (72) Gill, Jasbir; Banerjee, Santanu;  
 Chudomel, John  
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation  
 (11) AU-B-2017378495  
 (21) 2017378495 (22) 15.12.2017  
 (54) Deployment systems, tools, and meth-  
 ods for delivering an anchoring device  
 for a prosthetic valve  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (87) WO2018/112429  
 (31) 62/435,563 (32) 16.12.16 (33) US  
 (43) 21.06.2018

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) Patel, Darshin S.; Manash, Boaz; Tran, Tri D.; Witzman, Ofir; Rozen, Yoav; Siegel, Alexander J.; Taylor, David M.  
 (74) Spruson & Ferguson

(71) Elaflex Hiby GmbH & Co. KG  
 (11) AU-B-2020267822  
 (21) 2020267822 (22) 04.05.2020  
 (54) Breakaway coupling with an anti-rotation safeguard  
 (51) Int. Cl.  
*F16L 37/088* ( 2006.01 )  
*F16L 37/40* ( 2006.01 )  
*F16L 55/10* ( 2006.01 )  
 (87) WO2020/225192  
 (31) 19172437.6 (32) 03.05.19 (33) EP  
 (43) 12.11.2020  
 (44) 24.11.2022  
 (72) MEYER, Ulrich  
 (74) Griffith Hack

(71) ELC Management LLC  
 (11) AU-B-2019440196  
 (21) 2019440196 (22) 12.04.2019  
 (54) Reconfigurable container-closure system  
 (51) Int. Cl.  
*B65D 51/28* ( 2006.01 )  
*B65D 81/32* ( 2006.01 )  
 (87) WO2020/206571  
 (43) 15.10.2020  
 (44) 24.11.2022  
 (72) CHEN, Yun; QUE, Chuzhen  
 (74) Phillips Ormonde Fitzpatrick

(71) Elloveo, Inc.  
 (11) AU-B-2019357720  
 (21) 2019357720 (22) 10.10.2019  
 (54) Fast, efficient real-time electro-magnetic systems simulator that dynamically accepts user input  
 (51) Int. Cl.  
*G09B 23/18* ( 2006.01 )  
 (87) WO2020/077147  
 (31) 16/159,660 (32) 13.10.18 (33) US  
 (43) 16.04.2020  
 (44) 24.11.2022  
 (72) COLLERAN, David M.; FERNANDEZ, Carlos Manuel Godino  
 (74) FPA Patent Attorneys Pty Ltd

(71) enVveno Medical Corporation  
 (11) AU-B-2017361085  
 (21) 2017361085 (22) 15.11.2017  
 (54) Implantable vein frame  
 (51) Int. Cl.  
*A61F 2/86* ( 2013.01 )  
*A61F 2/04* ( 2013.01 )  
*A61F 2/06* ( 2013.01 )  
*A61F 2/24* ( 2006.01 )  
*A61F 2/82* ( 2013.01 )  
 (87) WO2018/093867  
 (31) 15/812,070 (32) 14.11.17 (33) US  
 62/422,519 15.11.16 US  
 (43) 24.05.2018

(44) 24.11.2022  
 (72) Montoya, Susan I.; Glickman, Marc; Zhivilo, Yury  
 (74) Griffith Hack

(71) Epax Norway AS  
 (11) AU-B-2020277148  
 (21) 2020277148 (22) 25.11.2020  
 (54) Very long chain polyunsaturated fatty acids from natural oils  
 (51) Int. Cl.  
*C11B 3/06* ( 2006.01 )  
*A61K 31/202* ( 2006.01 )  
*C11B 3/12* ( 2006.01 )  
*C11C 1/04* ( 2006.01 )  
 (43) 07.01.2021  
 (44) 24.11.2022  
 (62) 2016262315  
 (72) Breivik, Harald; Svensen, Harald  
 (74) Davies Collison Cave Pty Ltd

(71) Epiroc Rock Drills Aktiebolag  
 (11) AU-B-2020250307  
 (21) 2020250307 (22) 09.10.2020  
 (54) Mining or construction vehicle  
 (51) Int. Cl.  
*E21B 7/02* ( 2006.01 )  
 (43) 05.11.2020  
 (44) 24.11.2022  
 (62) 2018328653  
 (72) SJÖHOLM, Oskar; ANDERSSON, Fredrik A.; KUMLIN, Per-Anders; ALMQVIST, Marcus  
 (74) Griffith Hack

(71) Equinix, Inc.  
 (11) AU-B-2020437137  
 (21) 2020437137 (22) 31.12.2020  
 (54) Application workload routing and interworking for network defined edge routing  
 (51) Int. Cl.  
*H04L 45/30* ( 2022.01 )  
 (87) WO2021/188184  
 (31) 62/991,451 (32) 18.03.20 (33) US  
 16/949,063 12.10.20 US  
 (43) 23.09.2021  
 (44) 24.11.2022  
 (72) BERZIN, Oleg; HUEY, Robert  
 (74) FPA Patent Attorneys Pty Ltd

(71) Erwin Junker Grinding Technology A.S.  
 (11) AU-B-2018213906  
 (21) 2018213906 (22) 24.01.2018  
 (54) Internal combustion engine comprising a fuel injection nozzle with an additional supply of a combustion-promoting medium into the combustion chamber  
 (51) Int. Cl.  
*F02M 43/04* ( 2006.01 )  
*F02D 19/06* ( 2006.01 )  
*F02M 23/00* ( 2006.01 )  
*F02M 67/02* ( 2006.01 )  
 (87) WO2018/138126  
 (31) 10 2017 201 275.7 (32) 26.01.17 (33) DE  
 (43) 02.08.2018

(44) 24.11.2022  
 (72) Junker, Erwin  
 (74) Spruson & Ferguson

(71) Etablissements Collard  
 (11) AU-B-2017423589  
 (21) 2017423589 (22) 25.09.2017  
 (54) Air leaf stripping system and agricultural machine equipped with such system  
 (51) Int. Cl.  
*A01G 17/02* ( 2006.01 )  
 (87) WO2019/015787  
 (31) 17 56 961 (32) 21.07.17 (33) FR  
 (43) 24.01.2019  
 (44) 24.11.2022  
 (72) COLLARD, Yannick; COLLARD, Corinne  
 (74) Griffith Hack

(71) Ethicon, Inc.  
 (11) AU-B-2017386953  
 (21) 2017386953 (22) 30.11.2017  
 (54) Silicone foam compositions rapidly cross-linkable at ambient temperatures and methods of making and using same  
 (51) Int. Cl.  
*C08J 9/00* ( 2006.01 )  
*A61F 2/12* ( 2006.01 )  
*C08K 5/56* ( 2006.01 )  
*C08L 83/05* ( 2006.01 )  
*C08L 83/07* ( 2006.01 )  
*C08G 77/12* ( 2006.01 )  
*C08G 77/20* ( 2006.01 )  
*C08J 9/30* ( 2006.01 )  
*C08J 9/32* ( 2006.01 )  
 (87) WO2018/125507  
 (31) 15/395,773 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (44) 24.11.2022  
 (72) Ou, Duan Li; Kriksunov, Leo B.  
 (74) Spruson & Ferguson

(71) Evogene Ltd.  
 (11) AU-B-2016381496  
 (21) 2016381496 (22) 22.12.2016  
 (54) Plant traits conferred by isolated polynucleotides and polypeptides  
 (51) Int. Cl.  
*A01H 5/00* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/29* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2017/115353  
 (31) 62/271,523 (32) 28.12.15 (33) US  
 62/355,451 28.06.16 US  
 (43) 06.07.2017  
 (44) 24.11.2022  
 (72) Brog, Yaacov Micha; Galon Wolfenson, Yael; Goren, Shlomo Zev; Hilman, Dror; Karchi, Hagai; Lieberman-Lazarovich, Michal; Rimon Knopf, Ronit; Van-Oss Pinhasi, Ruth  
 (74) Spruson & Ferguson

(71) Expro North Sea Limited  
 (11) AU-B-2018316648

Applications Accepted - Name Index cont'd

(21) 2018316648 (22) 08.08.2018  
 (54) Valve seat and valve  
 (51) Int. Cl.  
*F16K 1/42* ( 2006.01 )  
*E21B 29/04* ( 2006.01 )  
*E21B 34/04* ( 2006.01 )  
 (87) WO2019/034848  
 (31) 1713253.1 (32) 18.08.17 (33) GB  
 (43) 21.02.2019  
 (44) 24.11.2022  
 (72) MANETT, Kris  
 (74) Spruson & Ferguson

(71) F. Hoffmann-La Roche AG  
 (11) AU-B-2016333511  
 (21) 2016333511 (22) 30.09.2016  
 (54) Humanized anti-human CD19 antibodies and methods of use  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
 (87) WO2017/055541  
 (31) 15187820.4 (32) 01.10.15 (33) EP  
 (43) 06.04.2017  
 (44) 24.11.2022  
 (72) Georges, Guy; Moessner, Ekkehard; Lariviere, Laurent; Haas, Alexander; Kettenberger, Hubert; Ferrara Koller, Claudia; Schlothauer, Tilman; Molhoj, Michael  
 (74) Spruson & Ferguson

(71) FAST IP, LLC  
 (11) AU-B-2017254675  
 (21) 2017254675 (22) 21.04.2017  
 (54) Rapid-entry footwear with rebounding fit system  
 (51) Int. Cl.  
*A43B 3/24* ( 2006.01 )  
*A43B 3/26* ( 2006.01 )  
*A43B 11/00* ( 2006.01 )  
*A43B 13/18* ( 2006.01 )  
*A43B 21/24* ( 2006.01 )  
*A43B 21/26* ( 2006.01 )  
*A43C 11/00* ( 2006.01 )  
 (87) WO2017/184943  
 (31) 62/368,497 (32) 29.07.16 (33) US  
 62/326,650 22.04.16 US  
 (43) 26.10.2017  
 (44) 24.11.2022  
 (72) Pratt, Michael James; Hermann, Steven; Lytle, Seth; Tsen, James Kuangcheng  
 (74) Adams Pluck

(71) Fast Retailing Co., Ltd.  
 (11) AU-B-2020302471  
 (21) 2020302471 (22) 10.06.2020  
 (54) Blanket  
 (51) Int. Cl.  
*A41B 13/06* ( 2006.01 )  
 (87) WO2020/261989  
 (31) 2019-121861 (32) 28.06.19 (33) JP  
 (43) 30.12.2020  
 (44) 24.11.2022  
 (72) HOSHI, Akira; TAKAHASHI, Megumi; CHANG, Youna; KAWANO, Maki  
 (74) FPA Patent Attorneys Pty Ltd

(71) FiberLean Technologies Limited  
 (11) AU-B-2021200487  
 (21) 2021200487 (22) 27.01.2021  
 (54) Compositions and methods for providing increased strength in ceiling, flooring, and building products  
 (51) Int. Cl.  
*C04B 24/38* ( 2006.01 )  
*C04B 26/02* ( 2006.01 )  
*C04B 26/28* ( 2006.01 )  
 (43) 25.02.2021  
 (44) 24.11.2022  
 (62) 2017247688  
 (72) Ireland, Sean; Phipps, Jonathan Stuart; Skuse, David; Jin, Yun  
 (74) Spruson & Ferguson

(71) Firebrick Pharma Limited  
 (11) AU-B-2021203846  
 (21) 2021203846 (22) 10.06.2021  
 (54) VIRUCIDAL FORMULATIONS CONTAINING POVIDONE-IODINE  
 (51) Int. Cl.  
*A01N 59/12* ( 2006.01 )  
*A01P 1/00* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
*A61K 31/79* ( 2006.01 )  
*A61K 33/18* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61P 31/04* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
 (43) 02.09.2021  
 (44) 24.11.2022  
 (72) Molloy, Peter; Tucker, Simon; Goodall, Stephen  
 (74) Davies Collison Cave Pty Ltd

(71) Fisher & Paykel Appliances Limited  
 (11) AU-B-2020233644  
 (21) 2020233644 (22) 15.09.2020  
 (54) Wash System for Washing Appliance  
 (51) Int. Cl.  
*A47L 15/02* ( 2006.01 )  
*A47L 15/18* ( 2006.01 )  
*D06F 39/04* ( 2006.01 )  
*D06F 39/08* ( 2006.01 )  
*D06F 39/10* ( 2006.01 )  
 (43) 08.10.2020  
 (44) 24.11.2022  
 (62) 2016218544  
 (72) Mason, Wayne Andrew; Christiaans, Paul; Lawrence, Robert Effingham  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-B-2020244529  
 (21) 2020244529 (22) 01.10.2020  
 (54) SYSTEM FOR HUMIDIFICATION OF MEDICAL GASES  
 (51) Int. Cl.  
*A61M 13/00* ( 2006.01 )  
*A61M 16/10* ( 2006.01 )  
*A61M 16/16* ( 2006.01 )  
 (43) 29.10.2020

(44) 24.11.2022  
 (62) 2016214008  
 (72) Boyes, Richard John; Fischer, Christian; Strevens, Joseph Patrick Walter; Stoks, Elmo Benson; Mallinson, Jayananda  
 (74) AJ PARK

(71) Fisher and Paykel Healthcare Limited  
 (11) AU-B-2020281127  
 (21) 2020281127 (22) 04.12.2020  
 (54) Metal-organic framework materials in gases delivery systems  
 (51) Int. Cl.  
*B01J 49/00* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
 (43) 21.01.2021  
 (44) 24.11.2022  
 (62) 2015288367  
 (72) Dor-Zidon, Shahar  
 (74) AJ PARK

(71) Fort Robotics, Inc.  
 (11) AU-B-2021225875  
 (21) 2021225875 (22) 23.02.2021  
 (54) Systems and methods for safety-enabled control  
 (51) Int. Cl.  
*G05B 9/00* ( 2006.01 )  
*G05B 19/048* ( 2006.01 )  
*G05B 19/406* ( 2006.01 )  
 (87) WO2021/173570  
 (31) 62/982,615 (32) 27.02.20 (33) US  
 (43) 02.09.2021  
 (44) 24.11.2022  
 (72) BIVANS, Nathan; DIMACHKIE, Walid  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) FTR Labs Pty Ltd  
 (11) AU-B-2021215231  
 (21) 2021215231 (22) 12.08.2021  
 (54) Method and system for automatically arising a sound recording  
 (51) Int. Cl.  
*G10L 17/02* ( 2013.01 )  
*G10L 17/04* ( 2013.01 )  
*G10L 17/06* ( 2013.01 )  
 (43) 02.09.2021  
 (44) 24.11.2022  
 (62) 2017294791  
 (72) Ghaemmaghami, Houman; Kalantari, Shahram; Dean, David; Sridharan, Sridha  
 (74) HopgoodGanim

(71) Fujitsu General Limited  
 (11) AU-B-2017251728  
 (21) 2017251728 (22) 24.10.2017  
 (54) Rotary compressor  
 (51) Int. Cl.  
*F04C 18/356* ( 2006.01 )  
*F04C 29/00* ( 2006.01 )  
*F04C 29/12* ( 2006.01 )  
 (31) 2016-221534 (32) 14.11.16 (33) JP  
 (43) 31.05.2018

Applications Accepted - Name Index cont'd

- (44) 24.11.2022  
 (72) Yahaba, Shingo; Inoue, Akira; Ueda, Kenshi; Izumi, Yasuyuki  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Fujitsu Limited  
 (11) AU-B-2018432789  
 (21) 2018432789 (22) 19.07.2018  
 (54) Learning method, translation method, learning program, translation program, and information processing apparatus  
 (51) Int. Cl.  
*G06F 40/30* ( 2020.01 )  
 (87) WO2020/017006  
 (43) 23.01.2020  
 (44) 24.11.2022  
 (72) KATAOKA, Masahiro; MATOBA, Yuki; INOUE, Sakae  
 (74) Spruson & Ferguson
- 
- (71) GCP Applied Technologies Inc.  
 (11) AU-B-2018285658  
 (21) 2018285658 (22) 12.06.2018  
 (54) Method for manufacturing concrete articles and structures  
 (51) Int. Cl.  
*C04B 28/04* ( 2006.01 )  
 (87) WO2018/229074  
 (31) 17175822.0 (32) 13.06.17 (33) EP  
 (43) 20.12.2018  
 (44) 24.11.2022  
 (72) Vincent, Dany; Rieder, Klaus-Alexander; Klaus, Stephen P.; Thomas, Damian  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Geberit International AG  
 (11) AU-B-2018215123  
 (21) 2018215123 (22) 11.01.2018  
 (54) Deflecting bend  
 (51) Int. Cl.  
*E03C 1/122* ( 2006.01 )  
*E03C 1/12* ( 2006.01 )  
*F15D 1/02* ( 2006.01 )  
 (87) WO2018/141525  
 (31) 17154661.7 (32) 03.02.17 (33) EP  
 (43) 09.08.2018  
 (44) 24.11.2022  
 (72) Weiss, Rolf; Meier, Tobias  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Gen-Probe Incorporated  
 (11) AU-B-2017214675  
 (21) 2017214675 (22) 03.02.2017  
 (54) Dried amplification compositions  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
 (87) WO2017/136782  
 (31) 62/291,770 (32) 05.02.16 (33) US  
 (43) 10.08.2017  
 (44) 24.11.2022  
 (72) Mauch, Steven; Dickson, Robert Stephen; Jost, Matthias; Filipowsky, Mark; Martin, Donald; Nodelman, Vladislav; Crowell, Cheryl Lynn  
 (74) FB Rice Pty Ltd
- 

- (71) Gen-Probe Incorporated  
 (11) AU-B-2018369872  
 (21) 2018369872 (22) 15.11.2018  
 (54) Compositions and methods for detecting C1orf43 nucleic acid  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
 (87) WO2019/099629  
 (31) 62/588,130 (32) 17.11.17 (33) US  
 (43) 23.05.2019  
 (44) 24.11.2022  
 (72) MIIICK, Siobhán M.; DARBY, Paul M.; JACKSON, Jo Ann; GETMAN, Damon K.  
 (74) FB Rice Pty Ltd
- 
- (71) Ghodrati, M.  
 (11) AU-B-2019356578  
 (21) 2019356578 (22) 10.10.2019  
 (54) Automatic toilet cleaner device  
 (51) Int. Cl.  
*E03D 9/02* ( 2006.01 )  
*E03D 9/03* ( 2006.01 )  
 (87) WO2020/073133  
 (31) 62/766,266 (32) 11.10.18 (33) US  
 62/917,592 18.12.18 US  
 (43) 16.04.2020  
 (44) 24.11.2022  
 (72) GHODRATI, Mahdi  
 (74) James & Wells Intellectual Property
- 
- (71) Gilead Sciences, Inc.  
 (11) AU-B-2020233714  
 (21) 2020233714 (22) 17.09.2020  
 (54) Methods for treating Arenaviridae and Coronaviridae virus infections  
 (51) Int. Cl.  
*A61K 31/53* ( 2006.01 )  
*A61K 31/664* ( 2006.01 )  
*A61K 31/675* ( 2006.01 )  
*A61K 31/683* ( 2006.01 )  
*A61K 31/685* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
 (43) 08.10.2020  
 (44) 24.11.2022  
 (62) 2016323604  
 (72) Clarke, Michael O'Neil Hanrahan; Feng, Joy Yang; Jordan, Robert; Mackman, Richard L.; Ray, Adrian S.; Siegel, Dustin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Gilead Sciences, Inc.  
 (11) AU-B-2021206907  
 (21) 2021206907 (22) 23.07.2021  
 (54) Solid forms of an HIV capsid inhibitor  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/4439* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 31/18* ( 2006.01 )  
 (43) 19.08.2021  
 (44) 24.11.2022  
 (62) 2018317833  
 (72) SHI, Bing  
 (74) Davies Collison Cave Pty Ltd
- 

- Goglio (Tianjin) Packaging Co., Ltd. see Goglio S.p.A.**  
 (21) 2016397652
- 
- (71) Goglio S.p.A.; Goglio (Tianjin) Packaging Co., Ltd.  
 (11) AU-B-2016397652  
 (21) 2016397652 (22) 15.12.2016  
 (54) Aseptic bag quick connection device  
 (51) Int. Cl.  
*B65D 75/58* ( 2006.01 )  
*B65D 77/06* ( 2006.01 )  
 (87) WO2017/157494  
 (31) 201620194302.1 (32) 14.03.16 (33) CN  
 (43) 21.09.2017  
 (44) 24.11.2022  
 (72) Carling, Grant  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Google LLC  
 (11) AU-B-2021215213  
 (21) 2021215213 (22) 12.08.2021  
 (54) PLANE WAVE DUAL BASIS FOR QUANTUM SIMULATION  
 (51) Int. Cl.  
*G06F 17/14* ( 2006.01 )  
*G06F 17/00* ( 2019.01 )  
*G06F 30/20* ( 2020.01 )  
 (43) 02.09.2021  
 (44) 24.11.2022  
 (62) 2018270115  
 (72) Babbush, Ryan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Google LLC  
 (11) AU-B-2021218016  
 (21) 2021218016 (22) 16.08.2021  
 (54) FREQUENCY PATTERN FOR REDUCING PARASITIC INTERACTIONS IN A QUBIT GRID  
 (51) Int. Cl.  
*G06N 99/00* ( 2019.01 )  
 (43) 09.09.2021  
 (44) 24.11.2022  
 (62) 2017426939  
 (72) Martinis, John; Barends, Rami; Fowler, Austin Greg  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Gruma S.A.B. de C.V.  
 (11) AU-B-2017362257  
 (21) 2017362257 (22) 15.11.2017  
 (54) Comestible product sheeter and sheeter roller, and method of using the same  
 (51) Int. Cl.  
*A21C 11/00* ( 2006.01 )  
*A21C 11/10* ( 2006.01 )  
 (87) WO2018/093888  
 (31) 15/351,944 (32) 15.11.16 (33) US  
 (43) 24.05.2018  
 (44) 24.11.2022  
 (72) Rubio Lamas, Felipe; Garcia Solis, Arturo; Lobeira Massu, Rodrigo  
 (74) Pipers Intellectual Property



Applications Accepted - Name Index cont'd

---

(71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.

(11) AU-B-2018430324  
 (21) 2018430324 (22) 27.06.2018  
 (54) Method for transmitting signal, network apparatus, and terminal apparatus  
 (51) Int. Cl.  
*H04W 52/02* ( 2009.01 )  
 (87) WO2020/000269  
 (43) 02.01.2020  
 (44) 24.11.2022  
 (72) XU, Weijie  
 (74) Davies Collison Cave Pty Ltd

---

(71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.

(11) AU-B-2019241028  
 (21) 2019241028 (22) 02.02.2019  
 (54) Method for monitoring PDCCH, terminal device, and network device  
 (51) Int. Cl.  
*H04W 52/02* ( 2009.01 )  
 (87) WO2019/184603  
 (31) PCT/ (32) 28.03.18 (33) CN  
 CN2018/080936  
 (43) 03.10.2019  
 (44) 24.11.2022  
 (72) SHEN, Jia; SHI, Zhihua  
 (74) Davies Collison Cave Pty Ltd

---

(71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.

(11) AU-B-2019425547  
 (21) 2019425547 (22) 28.01.2019  
 (54) Wireless communication method, terminal device and network device  
 (51) Int. Cl.  
*H04W 48/16* ( 2009.01 )  
 (87) WO2020/154870  
 (43) 06.08.2020  
 (44) 24.11.2022  
 (72) WANG, Shukun  
 (74) Davies Collison Cave Pty Ltd

---

(71) GuaVolution Limited

(11) AU-B-2018440558  
 (21) 2018440558 (22) 07.09.2018  
 (54) A distribution control device and distribution equipment  
 (51) Int. Cl.  
*A47J 31/46* ( 2006.01 )  
 (87) WO2020/047826  
 (43) 12.03.2020  
 (44) 24.11.2022  
 (72) LAU, Yuk Hang  
 (74) LAMINAR IP PTY LTD

---

Gundersen Lutheran Medical Foundation, Inc. see QIAGEN Sciences LLC  
 (21) 2016328277

---

(71) Häfele Berlin GmbH & Co KG

(11) AU-B-2020227874  
 (21) 2020227874 (22) 03.02.2020

(54) Expansion connector

(51) Int. Cl.  
*F16B 13/08* ( 2006.01 )  
 (87) WO2020/173664  
 (31) 20 2019 101 077.0 (32) 25.02.19 (33) DE  
 (43) 03.09.2020  
 (44) 24.11.2022  
 (72) MERZ, Ulrich  
 (74) Spruson & Ferguson

---

(71) Haier Smart Home Co., Ltd.

(11) AU-B-2020227335  
 (21) 2020227335 (22) 19.02.2020  
 (54) Refrigerator having air blower located upstream of transverse side of evaporator  
 (51) Int. Cl.  
*F25D 19/00* ( 2006.01 )  
*F25D 17/08* ( 2006.01 )  
 (87) WO2020/173356  
 (31) 201910142773.6 (32) 26.02.19 (33) CN  
 (43) 03.09.2020  
 (44) 24.11.2022  
 (72) MIAO, Jianlin; NIE, Shengyuan; LI, Wei; XU, Tong  
 (74) Spruson & Ferguson

---

(71) Halliburton Energy Services, Inc.

(11) AU-B-2019453229  
 (21) 2019453229 (22) 01.07.2019  
 (54) Colorimetric detection of amine-based shale inhibitors  
 (51) Int. Cl.  
*G01N 21/31* ( 2006.01 )  
*G01N 33/28* ( 2006.01 )  
 (87) WO2021/002836  
 (43) 07.01.2021  
 (44) 24.11.2022  
 (72) MAY, Preston Andrew; DEVILLE, Jay Paul  
 (74) Spruson & Ferguson

---

(71) Harbison Walker International, Inc.

(11) AU-B-2020334866  
 (21) 2020334866 (22) 12.08.2020  
 (54) Diffusion article  
 (51) Int. Cl.  
*B22D 1/00* ( 2006.01 )  
*B22D 11/117* ( 2006.01 )  
*F27D 3/16* ( 2006.01 )  
 (87) WO2021/034559  
 (31) 16/544,020 (32) 19.08.19 (33) US  
 (43) 25.02.2021  
 (44) 24.11.2022  
 (72) SMITH, Mark  
 (74) Armour IP Pty Ltd

---

(71) Harper Biotech LLC D/B/A Simbuka Energy, LLC

(11) AU-B-2019395286  
 (21) 2019395286 (22) 16.12.2019  
 (54) Method for co-production of hyper-efficient electric power and a methane sidestream from high CO2 natural gas sources  
 (51) Int. Cl.

*B01D 53/00* ( 2006.01 )

(87) WO2020/124080  
 (31) 62/780,228 (32) 15.12.18 (33) US  
 (43) 18.06.2020  
 (44) 24.11.2022  
 (72) HARPER, Charles L.  
 (74) Eagar & Associates Pty Ltd

---

(71) Haventec Pty Ltd

(11) AU-B-2017250000  
 (21) 2017250000 (22) 13.04.2017  
 (54) System of security using blockchain protocol  
 (51) Int. Cl.  
*G06Q 20/40* ( 2012.01 )  
 (87) WO2017/177260  
 (31) 2016901453 (32) 13.04.16 (33) AU  
 (43) 19.10.2017  
 (44) 24.11.2022  
 (72) Richardson, Ric B.  
 (74) Wallington-Dummer

---

(71) hearX IP (Pty) Ltd.

(11) AU-B-2021261641  
 (21) 2021261641 (22) 29.01.2021  
 (54) Method and system for predicting or detecting conductive hearing loss risk in a person  
 (51) Int. Cl.  
*A61B 5/12* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G16H 50/30* ( 2018.01 )  
*G16H 50/70* ( 2018.01 )  
*H04R 29/00* ( 2006.01 )  
 (87) WO2021/214556  
 (31) 63/012,316 (32) 20.04.20 (33) US  
 (43) 28.10.2021  
 (44) 24.11.2022  
 (72) SWANEPOEL, Daniël Christiaan De Wet  
 (74) Davies Collison Cave Pty Ltd

---

(71) HEKA Graphit.technology GmbH

(11) AU-B-2018207179  
 (21) 2018207179 (22) 15.01.2018  
 (54) Construction material mixture for shielding against electromagnetic radiation  
 (51) Int. Cl.  
*C04B 26/06* ( 2006.01 )  
*C04B 20/10* ( 2006.01 )  
*C04B 26/12* ( 2006.01 )  
*C04B 28/02* ( 2006.01 )  
*C04B 28/14* ( 2006.01 )  
*C04B 28/26* ( 2006.01 )  
*H01B 1/04* ( 2006.01 )  
*C04B 11/94* ( 2006.01 )  
 (87) WO2018/130699  
 (31) 10 2017 000 236.3 (32) 14.01.17 (33) DE  
 (43) 19.07.2018  
 (44) 24.11.2022  
 (72) Düwel, Jens  
 (74) Spruson & Ferguson

---

(71) Helrom GmbH

(11) AU-B-2019363715  
 (21) 2019363715 (22) 24.10.2019

Applications Accepted - Name Index cont'd

(54) Railway wagon for transportation of semitrailers and the like  
 (51) Int. Cl.  
*B61D 3/18* ( 2006.01 )  
*B61D 47/00* ( 2006.01 )  
*B66C 23/80* ( 2006.01 )  
 (87) WO2020/084081  
 (31) 18202352.3 (32) 24.10.18 (33) EP  
 (43) 30.04.2020  
 (44) 24.11.2022  
 (72) LINDE, Peter  
 (74) BOSH IP Pty Ltd

(71) Hemanext Inc.  
 (11) AU-B-2017281514  
 (21) 2017281514 (22) 22.06.2017  
 (54) Methods for managing adverse events in patient populations requiring transfusion  
 (51) Int. Cl.  
*A61M 1/36* ( 2006.01 )  
*A61K 35/14* ( 2006.01 )  
*A61M 1/38* ( 2006.01 )  
*A61P 7/08* ( 2006.01 )  
 (87) WO2017/223377  
 (31) 62/354,041 (32) 23.06.16 (33) US  
 (43) 28.12.2017  
 (44) 24.11.2022  
 (72) D'Alessandro, Angelo; Cordero, Rafael; Dunham, Andrew; Keegan, Philip; Yoshida, Tatsuro  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Henry Young & Sons Proprietary Limited  
 (11) AU-B-2019235615  
 (21) 2019235615 (22) 13.03.2019  
 (54) Cavitation free rotary mechanical device with improved output  
 (51) Int. Cl.  
*F04D 29/06* ( 2006.01 )  
*B63H 1/18* ( 2006.01 )  
*F03B 11/04* ( 2006.01 )  
*F04D 29/68* ( 2006.01 )  
 (87) WO2019/173873  
 (31) 2018900861 (32) 15.03.18 (33) AU  
 (43) 19.09.2019  
 (44) 24.11.2022  
 (72) YOUNG, Henry S.C.  
 (74) Murray Trento & Associates Pty Ltd

(71) Hewlett-Packard Development Company, L.P.  
 (11) AU-B-2019428064  
 (21) 2019428064 (22) 06.02.2019  
 (54) Integrated circuits including memory cells  
 (51) Int. Cl.  
*B41J 2/045* ( 2006.01 )  
*B41J 2/14* ( 2006.01 )  
 (87) WO2020/162893  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) LINN, Scott A.; GARDNER, James Michael; CUMBIE, Michael W.  
 (74) FB Rice Pty Ltd

(71) Hewlett-Packard Development Company, L.P.  
 (11) AU-B-2019428300  
 (21) 2019428300 (22) 06.02.2019  
 (54) Die for a printhead  
 (51) Int. Cl.  
*B41J 2/045* ( 2006.01 )  
 (87) WO2020/162914  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) GARDNER, James Michael; LINN, Scott A.  
 (74) FB Rice Pty Ltd

(71) Hewlett-Packard Development Company, L.P.  
 (11) AU-B-2019428624  
 (21) 2019428624 (22) 06.02.2019  
 (54) Die for a printhead  
 (51) Int. Cl.  
*B41J 2/14* ( 2006.01 )  
 (87) WO2020/162912  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) GARDNER, James Michael; FULLER, Anthony M.; CUMBIE, Michael W.  
 (74) FB Rice Pty Ltd

(71) Hodges & Drake Design Limited  
 (11) AU-B-2017364306  
 (21) 2017364306 (22) 20.11.2017  
 (54) Bottle opening and additive dispensing apparatus  
 (51) Int. Cl.  
*B67B 7/16* ( 2006.01 )  
*A23L 2/52* ( 2006.01 )  
 (87) WO2018/096323  
 (31) 1704785.3 (32) 27.03.17 (33) GB  
 1619695.8 22.11.16 GB  
 (43) 31.05.2018  
 (44) 24.11.2022  
 (72) Longman, Daniel; Shea-Simonds, Duncan; Hodges, Kevin  
 (74) Phoenix Intellectual Property

(71) Hollister Incorporated  
 (11) AU-B-2017359661  
 (21) 2017359661 (22) 15.11.2017  
 (54) Convex ostomy barrier  
 (51) Int. Cl.  
*A61F 5/451* ( 2006.01 )  
 (87) WO2018/093815  
 (31) 62/422,232 (32) 15.11.16 (33) US  
 (43) 24.05.2018  
 (44) 24.11.2022  
 (72) Czaplewski, Gregory J.; Scalise, Anthony; Tran, Tuan; Visconti, Peter L.; Nielsen, Kenneth; Lugenbill, Jon Z.; March, Daniel A.  
 (74) Phillips Ormonde Fitzpatrick

(71) Howmet Aerospace Inc.  
 (11) AU-B-2019428302  
 (21) 2019428302 (22) 07.02.2019  
 (54) Blind fastener and method of installation thereof  
 (51) Int. Cl.

*F16B 7/14* ( 2006.01 )  
 (87) WO2020/162936  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) WILCOX, Robert B.; SMITH, James Thomas; PIERCE, Troy Don  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) HS Products Limited  
 (11) AU-B-2017218566  
 (21) 2017218566 (22) 09.02.2017  
 (54) Resilient unit and method of manufacture  
 (51) Int. Cl.  
*A47C 27/06* ( 2006.01 )  
 (87) WO2017/137754  
 (31) 1602378.0 (32) 10.02.16 (33) GB  
 (43) 17.08.2017  
 (44) 24.11.2022  
 (72) Spinks, Simon; Clare, David; Gallagher, Michael  
 (74) FB Rice Pty Ltd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2019320321  
 (21) 2019320321 (22) 12.08.2019  
 (54) Apparatus and method for performing deblocking  
 (51) Int. Cl.  
*H04N 19/86* ( 2014.01 )  
 (87) WO2020/030192  
 (31) 62/717,029 (32) 10.08.18 (33) US  
 62/723,453 27.08.18 US  
 (43) 13.02.2020  
 (44) 24.11.2022  
 (72) KOTRA, Anand Meher; CHEN, Jianle; ESENLIK, Semih; WANG, Biao; GAO, Han; ZHAO, Zhijie  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2019348603  
 (21) 2019348603 (22) 14.06.2019  
 (54) DATA PROCESSING METHOD AND DATA PROCESSING DEVICE  
 (51) Int. Cl.  
*H04W 12/06* ( 2009.01 )  
 (87) WO2020/062937  
 (31) 201811160657.9 (32) 30.09.18 (33) CN  
 (43) 02.04.2020  
 (44) 24.11.2022  
 (72) QIAO, Yunfei; YU, Rongdao; DU, Yinggang; WANG, Guangjian  
 (74) Halfords IP

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2019419653  
 (21) 2019419653 (22) 27.12.2019  
 (54) TRANSMISSION MODE SELECTION METHOD AND DEVICE  
 (51) Int. Cl.  
*H04L 1/00* ( 2006.01 )  
 (87) WO2020/140844  
 (31) 201910005020.0 (32) 03.01.19 (33) CN  
 (43) 09.07.2020

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) XU, Bin; CAO, Zhenzhen; LI, Bingzhao  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2020223140  
 (21) 2020223140 (22) 11.02.2020  
 (54) Information processing method and apparatus  
 (51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
 (87) WO2020/164472  
 (31) 201910117701.6 (32) 15.02.19 (33) CN  
 (43) 20.08.2020  
 (44) 24.11.2022  
 (72) WANG, Rui; SHI, Xiaoli; DAI, Mingzeng; ZENG, Qinghai  
 (74) Phillips Ormonde Fitzpatrick

(71) Hummingbird Diagnostics GmbH  
 (11) AU-B-2017233436  
 (21) 2017233436 (22) 28.02.2017  
 (54) Purification of RNA fractions using a hydrophilic polymeric material  
 (51) Int. Cl.  
*G01N 1/34* ( 2006.01 )  
*G01N 1/40* ( 2006.01 )  
 (87) WO2017/157650  
 (31) 16161077.9 (32) 18.03.16 (33) EP  
 (43) 21.09.2017  
 (44) 24.11.2022  
 (72) Laufer, Thomas; Beier, Markus; Kahraman, Mustafa; Keller, Andreas  
 (74) Spruson & Ferguson

(71) Hwang, Y.; Tsen, P.  
 (11) AU-B-2019441003  
 (21) 2019441003 (22) 18.04.2019  
 (54) Air-compression energy-storage and power-supply system having air purification capability through using solar energy  
 (51) Int. Cl.  
*H02S 40/22* ( 2014.01 )  
*H02J 15/00* ( 2006.01 )  
*H02S 40/12* ( 2014.01 )  
 (87) WO2020/211027  
 (43) 22.10.2020  
 (44) 24.11.2022  
 (72) HWANG, Yuan Cherng; TSEN, Ping-Kun  
 (74) ALDRICH PROJECTS PTY LTD

(71) IdeaPond LLC  
 (11) AU-B-2021269567  
 (21) 2021269567 (22) 08.05.2021  
 (54) Broad view headlamp  
 (51) Int. Cl.  
*F21L 4/02* ( 2006.01 )  
*F21L 2/00* ( 2006.01 )  
*F21L 14/00* ( 2006.01 )  
*F21V 21/30* ( 2006.01 )  
 (87) WO2021/231235  
 (31) 63/022,487 (32) 09.05.20 (33) US  
 (43) 18.11.2021

(44) 24.11.2022  
 (72) BERTKEN, Dennis  
 (74) Belyea IP

IFA International Fluid Association see Sangermano, P.  
 (21) 2017319402

(71) ImCyse SA  
 (11) AU-B-2016328582  
 (21) 2016328582 (22) 23.09.2016  
 (54) Improved methods and compounds for eliminating immune responses to therapeutic agents  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61K 35/12* ( 2006.01 )  
*C12N 9/02* ( 2006.01 )  
 (87) WO2017/050966  
 (31) 15186845.2 (32) 25.09.15 (33) EP  
 (43) 30.03.2017  
 (44) 24.11.2022  
 (72) Saint-Remy, Jean-Marie; Vander Elst, Luc; Carlier, Vincent  
 (74) Spruson & Ferguson

(71) Indefatigable Holdings Pty Ltd  
 (11) AU-B-2020341253  
 (21) 2020341253 (22) 04.09.2020  
 (54) Mesh restraint  
 (51) Int. Cl.  
*E04H 17/04* ( 2006.01 )  
*E04H 17/06* ( 2006.01 )  
*E04H 17/10* ( 2006.01 )  
*E04H 17/20* ( 2006.01 )  
 (87) WO2021/042157  
 (31) 2019903281 (32) 05.09.19 (33) AU  
 2020900482 20.02.20 AU  
 (43) 11.03.2021  
 (44) 24.11.2022  
 (72) BARTLET, Brad  
 (74) Mann IP

(71) Innolith Technology AG  
 (11) AU-B-2020319679  
 (21) 2020319679 (22) 30.07.2020  
 (54) Rechargeable battery cell  
 (51) Int. Cl.  
*H01M 10/0563* ( 2010.01 )  
*H01M 4/38* ( 2006.01 )  
*H01M 10/052* ( 2010.01 )  
*H01M 10/0568* ( 2010.01 )  
*H01M 4/505* ( 2010.01 )  
*H01M 4/525* ( 2010.01 )  
*H01M 4/58* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 4/74* ( 2006.01 )  
*H01M 4/80* ( 2006.01 )  
*H01M 10/054* ( 2010.01 )  
*H01M 10/0567* ( 2010.01 )  
 (87) WO2021/019047  
 (31) 19189435.1 (32) 31.07.19 (33) EP  
 (43) 04.02.2021  
 (44) 24.11.2022  
 (72) ZINCK, Laurent; WOLLFARTH, Claudia; BIOLLAZ, Heide  
 (74) WRAYS PTY LTD

(71) Innolith Technology AG  
 (11) AU-B-2020321601  
 (21) 2020321601 (22) 30.07.2020  
 (54) Rechargeable battery cell  
 (51) Int. Cl.  
*H01M 10/0563* ( 2010.01 )  
*H01M 4/525* ( 2010.01 )  
*H01M 10/0525* ( 2010.01 )  
*H01M 10/0568* ( 2010.01 )  
*H01M 4/505* ( 2010.01 )  
*H01M 4/587* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 4/74* ( 2006.01 )  
*H01M 4/80* ( 2006.01 )  
*H01M 10/054* ( 2010.01 )  
*H01M 10/0567* ( 2010.01 )  
 (87) WO2021/019042  
 (31) 19189435.1 (32) 31.07.19 (33) EP  
 (43) 04.02.2021  
 (44) 24.11.2022  
 (72) ZINCK, Laurent; PSZOLLA, Christian; BORCK, Markus  
 (74) WRAYS PTY LTD

(71) Innolith Technology AG  
 (11) AU-B-2020321601  
 (21) 2020321601 (22) 30.07.2020  
 (54) Rechargeable battery cell  
 (51) Int. Cl.  
*H01M 10/0563* ( 2010.01 )  
*H01M 4/525* ( 2010.01 )  
*H01M 10/0525* ( 2010.01 )  
*H01M 10/0568* ( 2010.01 )  
*H01M 4/505* ( 2010.01 )  
*H01M 4/587* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 4/74* ( 2006.01 )  
*H01M 4/80* ( 2006.01 )  
*H01M 10/054* ( 2010.01 )  
*H01M 10/0567* ( 2010.01 )  
 (87) WO2021/019042  
 (31) 19189435.1 (32) 31.07.19 (33) EP  
 (43) 04.02.2021  
 (44) 24.11.2022  
 (72) ZINCK, Laurent; PSZOLLA, Christian; BORCK, Markus  
 (74) WRAYS PTY LTD

(71) Innolith Technology AG  
 (11) AU-B-2020322166  
 (21) 2020322166 (22) 30.07.2020  
 (54) Rechargeable battery cell  
 (51) Int. Cl.  
*H01M 10/0563* ( 2010.01 )  
*H01M 4/36* ( 2006.01 )  
*H01M 4/38* ( 2006.01 )  
*H01M 4/485* ( 2010.01 )  
*H01M 4/587* ( 2010.01 )  
*H01M 10/0525* ( 2010.01 )  
*H01M 10/0568* ( 2010.01 )  
*H01M 4/48* ( 2010.01 )  
*H01M 4/505* ( 2010.01 )  
*H01M 4/525* ( 2010.01 )  
*H01M 4/58* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 4/74* ( 2006.01 )  
*H01M 4/80* ( 2006.01 )  
*H01M 10/054* ( 2010.01 )  
*H01M 10/0567* ( 2010.01 )  
 (87) WO2021/019043  
 (31) 19189435.1 (32) 31.07.19 (33) EP  
 (43) 04.02.2021  
 (44) 24.11.2022  
 (72) ZINCK, Laurent; RAPP, Manfred; URBANSKI, Anna  
 (74) WRAYS PTY LTD

(71) Innolith Technology AG  
 (11) AU-B-2020323712  
 (21) 2020323712 (22) 30.07.2020  
 (54) Rechargeable battery cell  
 (51) Int. Cl.  
*H01M 10/0563* ( 2010.01 )  
*H01M 4/58* ( 2010.01 )  
*H01M 10/0525* ( 2010.01 )  
*H01M 10/0568* ( 2010.01 )  
*H01M 4/587* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 4/74* ( 2006.01 )  
*H01M 4/80* ( 2006.01 )  
*H01M 10/054* ( 2010.01 )

Applications Accepted - Name Index cont'd

*H01M 10/0567* ( 2010.01 )  
**(87)** WO2021/019041  
**(31)** 19189435.1 **(32)** 31.07.19 **(33)** EP  
**(43)** 04.02.2021  
**(44)** 24.11.2022  
**(72)** ZINCK, Laurent; PSZOLLA, Christian;  
 BORCK, Markus  
**(74)** WRAYS PTY LTD

**Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania**  
**(21)** 2020203908

**(71)** INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Régional Universitaire de Lille; Université de Lille; Centre National de la Recherche Scientifique; Université de Lorraine; Institut Pasteur de Lille  
**(11)** AU-B-2018304910  
**(21)** 2018304910 **(22)** 20.07.2018  
**(54)** Pyropheophorbide conjugate and use thereof in the treatment of cancer and as a fluorescent marker  
**(51)** Int. Cl.  
*C07D 475/04* ( 2006.01 )  
*A61K 31/409* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
*C07D 487/22* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
**(87)** WO2019/016397  
**(31)** 1756924 **(32)** 21.07.17 **(33)** FR  
**(43)** 24.01.2019  
**(44)** 24.11.2022  
**(72)** AZAIS, Henri; COLLINET, Pierre; DELHEM-FELLAHI, Nadira; MORALES, Olivier; MORDON, Serge; FROCHOT, Céline; VANDERESSE, Régis; STALLIVIERI, Aurélie  
**(74)** Spruson & Ferguson

**Institut Pasteur de Lille see INSERM (Institut National de la Santé et de la Recherche Médicale)**  
**(21)** 2018304910

**(71)** Integral Systems Pty Ltd  
**(11)** AU-B-2021245097  
**(21)** 2021245097 **(22)** 05.10.2021  
**(54)** Interface for Communication and Viewing of Medical Imaging  
**(51)** Int. Cl.  
*G16H 30/20* ( 2018.01 )  
*G06F 3/0486* ( 2013.01 )  
*G06T 9/00* ( 2006.01 )  
*G16H 10/00* ( 2018.01 )  
*G16H 15/00* ( 2018.01 )  
**(43)** 28.10.2021  
**(44)** 24.11.2022  
**(62)** 2019338927  
**(72)** EBRAHIMI, Houman; HONG, Kenny Zhihong; NICKLIN, Steven Paul  
**(74)** Caska Intellectual Property Pty Ltd

**(71)** Interlock USA, Inc.  
**(11)** AU-B-2017221813  
**(21)** 2017221813 **(22)** 31.08.2017  
**(54)** CASEMENT WINDOW LOCK BAR  
**(51)** Int. Cl.  
*E05C 9/18* ( 2006.01 )  
*E05C 9/22* ( 2006.01 )  
**(31)** 62/381,764 **(32)** 31.08.16 **(33)** US  
 62/414,026 28.10.16 US  
 15/686,819 25.08.17 US  
**(43)** 15.03.2018  
**(44)** 24.11.2022  
**(72)** Minter, Peter; Jones, Mark  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2019377216  
**(21)** 2019377216 **(22)** 05.11.2019  
**(54)** Sort and merge instruction for a general-purpose processor  
**(51)** Int. Cl.  
*G06F 9/30* ( 2018.01 )  
**(87)** WO2020/094600  
**(31)** 16/181,923 **(32)** 06.11.18 **(33)** US  
**(43)** 14.05.2020  
**(44)** 24.11.2022  
**(72)** GIAMEI, Bruce Conrad; RECKTENWALD, Martin; SCHMIDT, Donald William; SLEGEL, Timothy; PURANIK, Aditya Nitin; FARRELL, Mark; JACOBI, Christian; BRADBURY, Jonathan; ZOELLIN, Christian Gerhard  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2020234675  
**(21)** 2020234675 **(22)** 27.02.2020  
**(54)** Binding secure keys of secure guests to a hardware security module  
**(51)** Int. Cl.  
*G06F 21/44* ( 2013.01 )  
*G06F 21/64* ( 2013.01 )  
*G06F 21/71* ( 2013.01 )  
*G06F 21/86* ( 2013.01 )  
**(87)** WO2020/182483  
**(31)** 16/296,411 **(32)** 08.03.19 **(33)** US  
**(43)** 17.09.2020  
**(44)** 24.11.2022  
**(72)** BUENDGEN, Reinhard; VISEGRADY, Tamas; FRANZKI, Ingo  
**(74)** Spruson & Ferguson

**(71)** International Business Machines Corporation  
**(11)** AU-B-2020237597  
**(21)** 2020237597 **(22)** 28.02.2020  
**(54)** Secure interface control high-level instruction interception for interruption enablement  
**(51)** Int. Cl.  
*G06F 21/12* ( 2013.01 )  
*G06F 9/455* ( 2018.01 )  
*G06F 21/51* ( 2013.01 )  
*G06F 21/53* ( 2013.01 )  
*G06F 21/57* ( 2013.01 )  
*G06F 21/62* ( 2013.01 )

*G06F 21/74* ( 2013.01 )  
**(87)** WO2020/182498  
**(31)** 16/296,452 **(32)** 08.03.19 **(33)** US  
**(43)** 17.09.2020  
**(44)** 24.11.2022  
**(72)** BORNTRAEGER, Christian; IM-BRENDA, Claudio; BUSABA, Fadi; BRADBURY, Jonathan; HELLER, Lisa  
**(74)** Spruson & Ferguson

**(71)** Interscope, Inc.  
**(11)** AU-B-2019380506  
**(21)** 2019380506 **(22)** 13.11.2019  
**(54)** Systems and methods of endoscopic instruments with articulating end  
**(51)** Int. Cl.  
*A61B 1/008* ( 2006.01 )  
*A61B 1/005* ( 2006.01 )  
**(87)** WO2020/102436  
**(31)** 62/760,344 **(32)** 13.11.18 **(33)** US  
**(43)** 22.05.2020  
**(44)** 24.11.2022  
**(72)** RYAN Jr., Jeffery B.; LIBBY, Corey; EVANS, Stephan; CASEY, Nathan  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Inventio AG  
**(11)** AU-B-2019344561  
**(21)** 2019344561 **(22)** 17.09.2019  
**(54)** Lift car, lift installation, method for operating a lift installation and door drive  
**(51)** Int. Cl.  
*B66B 13/14* ( 2006.01 )  
**(87)** WO2020/058261  
**(31)** 18195960.2 **(32)** 21.09.18 **(33)** EP  
**(43)** 26.03.2020  
**(44)** 24.11.2022  
**(72)** VOGEL, Fabian; ZIMMERMANN, Raphael  
**(74)** Griffith Hack

**(71)** Inventys Thermal Technologies Inc.  
**(11)** AU-B-2017244040  
**(21)** 2017244040 **(22)** 30.03.2017  
**(54)** Combustion system incorporating temperature swing adsorptive gas separation  
**(51)** Int. Cl.  
*F23J 15/00* ( 2006.01 )  
*F01K 17/06* ( 2006.01 )  
*F22B 31/08* ( 2006.01 )  
**(87)** WO2017/165972  
**(31)** 62/316,410 **(32)** 31.03.16 **(33)** US  
**(43)** 05.10.2017  
**(44)** 24.11.2022  
**(72)** Boulet, Andre; Khiavi, Soheil  
**(74)** Madderns Pty Ltd

**(71)** Janssen Pharmaceutica NV  
**(11)** AU-B-2018379456  
**(21)** 2018379456 **(22)** 06.12.2018  
**(54)** Novel spirobicyclic analogues  
**(51)** Int. Cl.  
*C07H 19/14* ( 2006.01 )  
*A61K 31/505* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

Applications Accepted - Name Index cont'd

**C07D 307/94** ( 2006.01 )  
**C07D 317/44** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2019/110734  
**(31)** 62/596,441 (32) 08.12.17 (33) US  
 18163867.7 26.03.18 EP  
**(43)** 13.06.2019  
**(44)** 24.11.2022  
**(72)** VERHOEVEN, Jonas; VERNIEST,  
 Guido Alfons F.; THURING, Johannes  
 Wilhelmus John F.; WU, Tongfei;  
 PANDE, Vineet; MEERPOEL, Lieven;  
 BREHMER, Dirk; SUN, Weimei; DEN-  
 MARK, Scott E.  
**(74)** Spruson & Ferguson

**(71)** JFE Steel Corporation  
**(11)** AU-B-2020261846  
**(21)** 2020261846 (22) 20.04.2020  
**(54)** Method for producing low-sulfur coal  
**(51)** Int. Cl.  
**C10B 57/08** ( 2006.01 )  
**C10L 9/06** ( 2006.01 )  
**(87)** WO2020/218243  
**(31)** 2019-082733 (32) 24.04.19 (33) JP  
 2019-083176 24.04.19 JP  
**(43)** 29.10.2020  
**(44)** 24.11.2022  
**(72)** MURAI, Ryota; SUMI, Ikuhiro; SUG-  
 AWARA, Katsuyasu; KATO, Takahiro  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Jiangsu Hengrui Medicine Co., Ltd.  
**(11)** AU-B-2018305633  
**(21)** 2018305633 (22) 27.07.2018  
**(54)** Method for preparing pyrimidone het-  
 eroaryl derivative and intermediate of  
 pyrimidone heteroaryl derivative  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/020102  
**(31)** 201710631867.0 (32) 28.07.17 (33) CN  
**(43)** 31.01.2019  
**(44)** 24.11.2022  
**(72)** JIA, Junlei; LIU, Bing; GAO, Xiaohui  
**(74)** Davies Collison Cave Pty Ltd

**Jiangsu Yangnong Chemical Co., Ltd. see  
 Shenyang Sinochem Agrochemicals R&D  
 Co., Ltd.**  
**(21)** 2019397903

**(71)** Kabushiki Kaisha Toshiba; Toshiba En-  
 ergy Systems & Solutions Corporation  
**(11)** AU-B-2020216226  
**(21)** 2020216226 (22) 31.01.2020  
**(54)** Storage battery management device  
 and method  
**(51)** Int. Cl.  
**H01M 10/48** ( 2006.01 )  
**G01R 31/371** ( 2019.01 )  
**G01R 31/374** ( 2019.01 )  
**G01R 31/3842** ( 2019.01 )

**H02J 7/00** ( 2006.01 )  
**(87)** WO2020/158932  
**(31)** 2019-017474 (32) 01.02.19 (33) JP  
**(43)** 06.08.2020  
**(44)** 24.11.2022  
**(72)** IDE, Makoto; TOHARA, Masahiro;  
 MIZUTANI, Mami; TOYOSAKI, Tomo-  
 hiro; TANNO, Tsutomu  
**(74)** Davies Collison Cave Pty Ltd

**(71)** KABUSHIKI KAISHA TOYOTA  
 JIDOSHOKKI  
**(11)** AU-B-2021200546  
**(21)** 2021200546 (22) 28.01.2021  
**(54)** Controller for controlling compression  
 self-ignition internal combustion engine  
**(51)** Int. Cl.  
**F02D 41/40** ( 2006.01 )  
**F02D 35/00** ( 2006.01 )  
**F02D 35/02** ( 2006.01 )  
**F02D 41/26** ( 2006.01 )  
**F02D 41/28** ( 2006.01 )  
**F02D 41/34** ( 2006.01 )  
**(31)** 2020-012280 (32) 29.01.20 (33) JP  
**(43)** 12.08.2021  
**(44)** 24.11.2022  
**(72)** WASISAKA, Yoshifumi; HORITA, Yoshi-  
 hiro; SAKURAI, Sho; NAKANO, Kohei;  
 KAWACHI, Takashi; NOZAKI, Yusuke;  
 FUYUTO, Takayuki  
**(74)** Griffith Hack

**(71)** Kala Pharmaceuticals, Inc  
**(11)** AU-B-2020233692  
**(21)** 2020233692 (22) 16.09.2020  
**(54)** UREA DERIVATIVES AND USES  
 THEREOF  
**(51)** Int. Cl.  
**C07D 231/56** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(43)** 08.10.2020  
**(44)** 24.11.2022  
**(62)** 2017219063  
**(72)** KIM, Jinsoo; NGUYEN, Minh N.; EN-  
 LOW, Elisabeth; ONG, Winston Z.;  
 NOWAK, Pawel W.; FEUTRILL, John T.  
**(74)** K&L Gates

**(71)** KAO, H.S.; CHANG, C.P.  
**(11)** AU-B-2022200564  
**(21)** 2022200564 (22) 28.01.2022  
**(54)** ENDOSCOPE ASSEMBLY HAVING A  
 SURGICAL INSTRUMENT AND EN-  
 DOSCOPE SYSTEM HAVING THE  
 SAME  
**(51)** Int. Cl.  
**A61B 1/018** ( 2006.01 )  
**A61B 1/055** ( 2006.01 )  
**A61B 1/07** ( 2006.01 )  
**A61B 1/313** ( 2006.01 )  
**(31)** 110136442 (32) 30.09.21 (33) TW  
 110201347 03.02.21 TW  
**(43)** 18.08.2022  
**(44)** 24.11.2022  
**(72)** KAO, Hong So; CHANG, Chin Piao  
**(74)** AJ PARK

**Kaye, L. see New South Innovations Pty  
 Limited**  
**(21)** 2017216254

**(71)** Kemira Oyj  
**(11)** AU-B-2021203368  
**(21)** 2021203368 (22) 25.05.2021  
**(54)** Inverse emulsion compositions  
**(51)** Int. Cl.  
**C08F 20/56** ( 2006.01 )  
**C08F 2/24** ( 2006.01 )  
**C08F 220/56** ( 2006.01 )  
**C09K 8/26** ( 2006.01 )  
**(43)** 01.07.2021  
**(44)** 24.11.2022  
**(62)** 2016366174  
**(72)** Jackson, Logan; Lynch, Thomas J.;  
 Robinson, Ronald; Fournier, Frances;  
 Yang, Hong; Aujla, Sukhjit; Kim, Do  
 Hoon; Alexis, Dennis Arun  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Kimberly-Clark Worldwide, Inc.  
**(11)** AU-B-2016421849  
**(21)** 2016421849 (22) 30.08.2016  
**(54)** Product identification system  
**(51)** Int. Cl.  
**A47K 10/34** ( 2006.01 )  
**A47K 10/36** ( 2006.01 )  
**(87)** WO2018/044276  
**(43)** 08.03.2018  
**(44)** 24.11.2022  
**(72)** Williams Jr., Frederick J.; Ghazi, Babak  
 R.  
**(74)** Spruson & Ferguson

**(71)** Kimberly-Clark Worldwide, Inc.  
**(11)** AU-B-2016428214  
**(21)** 2016428214 (22) 31.10.2016  
**(54)** Self-supporting absorbent article sys-  
 tem  
**(51)** Int. Cl.  
**A61F 13/56** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**A61F 13/472** ( 2006.01 )  
**A61F 13/58** ( 2006.01 )  
**(87)** WO2018/080531  
**(43)** 03.05.2018  
**(44)** 24.11.2022  
**(72)** Sa, Inyoung; Lee, HyeJin; Tan,  
 CaiShan; Park, HyoungKun; Hollings-  
 worth, Nathaniel T.; Roh, SeongDae  
**(74)** Spruson & Ferguson

**(71)** Kite Pharma, Inc.  
**(11)** AU-B-2019276592  
**(21)** 2019276592 (22) 03.06.2019  
**(54)** Chimeric antigen receptor T cell ther-  
 apy  
**(51)** Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(87)** WO2019/232510  
**(31)** 62/774,157 (32) 30.11.18 (33) US  
 62/679,755 01.06.18 US  
**(43)** 05.12.2019

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) BOT, Adrian I.; GO, William Y.; JI-ANG, Yizhou; ROSSI, John M.; XUE, Xiaodong  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) KONE CORPORATION  
 (11) AU-B-2017279728  
 (21) 2017279728 (22) 21.12.2017  
 (54) A METHOD FOR AVOIDING UNWANTED SAFETY GEAR TRIPPING IN A SAFETY STOPPING SYSTEM OF AN ELEVATOR SYSTEM, A SAFETY STOPPING SYSTEM, AND AN ELEVATOR SYSTEM  
 (51) Int. Cl.  
 B66B 5/18 ( 2006.01 )  
 B66B 5/04 ( 2006.01 )  
 B66B 5/24 ( 2006.01 )  
 (31) 16207231.8 (32) 29.12.16 (33) EP  
 (43) 19.07.2018  
 (44) 24.11.2022  
 (72) Virta, Veli-Matti; Vlasov, Timo; Salmi, Markus; Saloranta, Jarkko  
 (74) Collison & Co

---

(71) Konecranes Global Corporation  
 (11) AU-B-2017281300  
 (21) 2017281300 (22) 21.06.2017  
 (54) System for transporting containers, particularly iso containers, using heavy goods vehicles  
 (51) Int. Cl.  
 B65G 63/00 ( 2006.01 )  
 G05D 1/02 ( 2006.01 )  
 (87) WO2017/220629  
 (31) 10 2016 111 450.2 (32) 22.06.16 (33) DE  
 (43) 28.12.2017  
 (44) 24.11.2022  
 (72) Wieschemann, Armin; Schulz, Heiko  
 (74) Spruson & Ferguson

---

(71) Koninklijke Douwe Egberts B.V.  
 (11) AU-B-2017307957  
 (21) 2017307957 (22) 03.08.2017  
 (54) System for preparing a quantity of beverage suitable for consumption  
 (51) Int. Cl.  
 A47J 31/36 ( 2006.01 )  
 A47J 31/06 ( 2006.01 )  
 (87) WO2018/026279  
 (31) 2017278 (32) 03.08.16 (33) NL  
 2017277 03.08.16 NL  
 2017281 03.08.16 NL  
 2017280 03.08.16 NL  
 2017283 03.08.16 NL  
 2017282 03.08.16 NL  
 2017285 03.08.16 NL  
 2017284 03.08.16 NL  
 2019216 10.07.17 NL  
 2017286 03.08.16 NL  
 2019218 10.07.17 NL  
 2017279 03.08.16 NL  
 (43) 08.02.2018  
 (44) 24.11.2022  
 (72) Rijskamp, Peter; Ogink, Judith Margreet Hanneke; Beekman, Jarno; De Graaff, Gerbrand Kristiaan  
 (74) Davies Collison Cave Pty Ltd

(71) Kraft Foods Schweiz Holding GmbH  
 (11) AU-B-2019373950  
 (21) 2019373950 (22) 22.10.2019  
 (54) Confectionery shells and methods and apparatus for manufacturing the same  
 (51) Int. Cl.  
 A23G 1/00 ( 2006.01 )  
 A23G 1/54 ( 2006.01 )  
 A23G 3/34 ( 2006.01 )  
 A23G 3/54 ( 2006.01 )  
 (87) WO2020/088992  
 (31) 1817896.2 (32) 01.11.18 (33) GB  
 (43) 07.05.2020  
 (44) 24.11.2022  
 (72) CHILVER, Ian; SEYLLER, Milena; RAPP, Jean-Philippe  
 (74) Griffith Hack

---

(71) Kyoto University  
 (11) AU-B-2018292939  
 (21) 2018292939 (22) 27.06.2018  
 (54) Agent for preventing and/or treating Alzheimer's disease  
 (51) Int. Cl.  
 A61K 31/4985 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 (87) WO2019/004321  
 (31) 2017-126808 (32) 28.06.17 (33) JP  
 (43) 03.01.2019  
 (44) 24.11.2022  
 (72) INOUE, Haruhisa; KONDO, Takayuki  
 (74) Griffith Hack

---

(71) Laitram, L.L.C.  
 (11) AU-B-2017246658  
 (21) 2017246658 (22) 05.04.2017  
 (54) Magnetic conveyor belt module  
 (51) Int. Cl.  
 B65G 15/58 ( 2006.01 )  
 (87) WO2017/176847  
 (31) 62/318,836 (32) 06.04.16 (33) US  
 62/397,590 21.09.16 US  
 (43) 12.10.2017  
 (44) 24.11.2022  
 (72) Zambrano, Krissie K.; Bannerman, Adam E.; De St. Germain, John  
 (74) Spruson & Ferguson

---

(71) Laitram, L.L.C.  
 (11) AU-B-2018208302  
 (21) 2018208302 (22) 05.01.2018  
 (54) Forced-convection, steam-heating of nuts with preheating  
 (51) Int. Cl.  
 A23N 12/08 ( 2006.01 )  
 A23B 7/005 ( 2006.01 )  
 A23L 25/00 ( 2016.01 )  
 (87) WO2018/132307  
 (31) 15/402,889 (32) 10.01.17 (33) US  
 (43) 19.07.2018  
 (44) 24.11.2022  
 (72) Kovacs, Joseph F.; Lapeyre III, James M.; Sclafini, Michael V.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Lan, G.  
 (11) AU-B-2021281698  
 (21) 2021281698 (22) 04.05.2021  
 (54) Systems catching residual energy from an electric coil  
 (51) Int. Cl.  
 H02P 6/00 ( 2016.01 )  
 B60L 15/00 ( 2006.01 )  
 H02J 7/00 ( 2006.01 )  
 H02K 21/00 ( 2006.01 )  
 H02P 3/14 ( 2006.01 )  
 H02P 9/00 ( 2006.01 )  
 (87) WO2021/237272  
 (31) 2020901761 (32) 29.05.20 (33) AU  
 (43) 02.12.2021  
 (44) 24.11.2022  
 (72) LAN, Gordon  
 (74) Gordon Lan

---

(71) Laurastar SA  
 (11) AU-B-2017309384  
 (21) 2017309384 (22) 04.08.2017  
 (54) Ironing coach  
 (51) Int. Cl.  
 D06F 75/00 ( 2006.01 )  
 D06F 79/00 ( 2006.01 )  
 (87) WO2018/029583  
 (31) 16183961.8 (32) 12.08.16 (33) EP  
 (43) 15.02.2018  
 (44) 24.11.2022  
 (72) Monney, Julie  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

---

(71) Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung (IPK)  
 (11) AU-B-2016343204  
 (21) 2016343204 (22) 13.09.2016  
 (54) Generation of haploid plants based on KNL2  
 (51) Int. Cl.  
 C12N 15/82 ( 2006.01 )  
 (87) WO2017/067714  
 (31) 15191078.3 (32) 22.10.15 (33) EP  
 (43) 27.04.2017  
 (44) 24.11.2022  
 (72) Lermontova, Inna  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Levation Pharma Ltd.  
 (11) AU-B-2017211793  
 (21) 2017211793 (22) 26.01.2017  
 (54) Compositions and uses of alpha-adrenergic agents  
 (51) Int. Cl.  
 A61P 27/02 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 31/137 ( 2006.01 )  
 A61K 31/4174 ( 2006.01 )  
 A61P 17/00 ( 2006.01 )  
 A61P 21/00 ( 2006.01 )  
 (87) WO2017/132410  
 (31) 62/287,391 (32) 26.01.16 (33) US  
 (43) 03.08.2017  
 (44) 24.11.2022  
 (72) Litvack, Frank; Hemmati, Houman  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

---

(71) LG Electronics Inc.  
 (11) AU-B-2019283481  
 (21) 2019283481 (22) 04.06.2019  
 (54) Washing machine with conduit for supplying water to nozzles at gasket and manufacturing method of the conduit  
 (51) Int. Cl.  
*D06F 39/08* ( 2006.01 )  
 (87) WO2019/235814  
 (31) 10-2018-0063983 (32) 04.06.18 (33) KR  
 (43) 12.12.2019  
 (44) 24.11.2022  
 (72) LEE, Junghoon; KIM, Jaehyun; WOO, Kyungchul; IM, Myunghun; JUNG, Hwanjin  
 (74) Dentons Patent Attorneys Australasia Limited

---

(71) LG Electronics Inc.  
 (11) AU-B-2019306392  
 (21) 2019306392 (22) 19.07.2019  
 (54) Washing machine  
 (51) Int. Cl.  
*D06F 39/08* ( 2006.01 )  
*F04D 13/06* ( 2006.01 )  
*F04D 15/00* ( 2006.01 )  
 (87) WO2020/017925  
 (31) 10-2018-0083786 (32) 19.07.18 (33) KR  
 (43) 23.01.2020  
 (44) 24.11.2022  
 (72) KIM, Dongcheol; KIM, Youngjong  
 (74) FB Rice Pty Ltd

---

(71) LG Electronics Inc.  
 (11) AU-B-2019352423  
 (21) 2019352423 (22) 01.10.2019  
 (54) Refrigerator  
 (51) Int. Cl.  
*F25D 11/00* ( 2006.01 )  
*F25C 1/18* ( 2006.01 )  
*F25C 1/24* ( 2018.01 )  
*F25C 5/02* ( 2006.01 )  
*F25D 25/02* ( 2006.01 )  
*F25D 29/00* ( 2006.01 )  
 (87) WO2020/071751  
 (31) 10-2018-0117819 (32) 02.10.18 (33) KR  
 10-2018-0117821 02.10.18 KR  
 10-2018-0117822 02.10.18 KR  
 10-2018-0117785 02.10.18 KR  
 10-2018-0142117 16.11.18 KR  
 10-2019-0081693 06.07.19 KR  
 (43) 09.04.2020  
 (44) 24.11.2022  
 (72) LEE, Donghoon; LEE, Wookyong; SON, Sunggyun; LEE, Donghoon; YEOM, Seungseob; BAE, Yongjun; PARK, Chongyoung  
 (74) Dentons Patent Attorneys Australasia Limited

---

(71) LG ELECTRONICS INC.  
 (11) AU-B-2020289847  
 (21) 2020289847 (22) 18.12.2020  
 (54) FAN MOTOR  
 (51) Int. Cl.  
*F04D 29/05* ( 2006.01 )

*F04D 17/06* ( 2006.01 )  
*F04D 29/056* ( 2006.01 )  
 (31) 10-2020-0137694 (32) 22.10.20 (33) KR  
 (43) 12.05.2022  
 (44) 24.11.2022  
 (72) KIM, Sunggi; KIM, Byungjik; HWANG, Eunji; HWANG, Jisu  
 (74) Dentons Patent Attorneys Australasia Limited

---

(71) LG ELECTRONICS INC.  
 (11) AU-B-2021201319  
 (21) 2021201319 (22) 01.03.2021  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.  
*A47L 9/16* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
*A47L 9/32* ( 2006.01 )  
 (43) 18.03.2021  
 (44) 24.11.2022  
 (62) 2019271879  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
 (74) Dentons Patent Attorneys Australasia Limited

---

Lim, A. see New South Innovations Pty Limited  
 (21) 2017216254

---

(71) Linear Shaped Limited  
 (11) AU-B-2017265930  
 (21) 2017265930 (22) 19.05.2017  
 (54) Mounting device for an explosive charge  
 (51) Int. Cl.  
*F42D 3/00* ( 2006.01 )  
 (87) WO2017/199044  
 (31) 1609136.5 (32) 24.05.16 (33) GB  
 1608970.8 20.05.16 GB  
 (43) 23.11.2017  
 (44) 24.11.2022  
 (72) Lumley, Andrew  
 (74) Spruson & Ferguson

---

(71) Lockheed Martin Energy, LLC  
 (11) AU-B-2016430985  
 (21) 2016430985 (22) 06.12.2016  
 (54) Flow batteries having adjustable circulation rate capabilities and methods associated therewith  
 (51) Int. Cl.  
*H01M 10/42* ( 2006.01 )  
*H01M 8/04298* ( 2016.01 )  
*H01M 8/04537* ( 2016.01 )  
*H01M 8/04992* ( 2016.01 )  
 (87) WO2018/101969  
 (31) 15/364.206 (32) 29.11.16 (33) US  
 (43) 07.06.2018  
 (44) 24.11.2022  
 (72) Morris-Cohen, Adam  
 (74) Spruson & Ferguson

---

(71) Lufthansa Technik AG  
 (11) AU-B-2019319007  
 (21) 2019319007 (22) 01.08.2019

(54) Device and assembly for cleaning the core engine of a jet engine  
 (51) Int. Cl.  
*B08B 3/02* ( 2006.01 )  
*B08B 9/00* ( 2006.01 )  
*B64F 5/30* ( 2017.01 )  
*F01D 25/00* ( 2006.01 )  
 (87) WO2020/030514  
 (31) 10 2018 119 092.1 (32) 06.08.18 (33) DE  
 (43) 13.02.2020  
 (44) 24.11.2022  
 (72) DEJA, Dirk; LUTZ, Christian; HACKER, Marc  
 (74) Griffith Hack

---

(71) Lumiradx UK Ltd  
 (11) AU-B-2017287852  
 (21) 2017287852 (22) 30.06.2017  
 (54) Improvements in or relating to Nucleic Acid amplification processes  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*B01L 7/00* ( 2006.01 )  
 (87) WO2018/002649  
 (31) 1611469.6 (32) 30.06.16 (33) GB  
 (43) 04.01.2018  
 (44) 24.11.2022  
 (72) Provins, Jarrod; Shen, Daiwei; Kraynack, Bryan  
 (74) Spruson & Ferguson

---

(71) Magic Leap, Inc.  
 (11) AU-B-2018270948  
 (21) 2018270948 (22) 16.05.2018  
 (54) Systems and methods for mixed reality  
 (51) Int. Cl.  
*G02B 27/10* ( 2006.01 )  
*G02B 5/18* ( 2006.01 )  
*G02B 6/26* ( 2006.01 )  
*G02B 26/08* ( 2006.01 )  
*G02B 27/42* ( 2006.01 )  
*G06T 19/00* ( 2011.01 )  
 (87) WO2018/213388  
 (31) 62/506,841 (32) 16.05.17 (33) US  
 62/509,499 22.05.17 US  
 (43) 22.11.2018  
 (44) 24.11.2022  
 (72) Schowengerdt, Brian T.; Watson, Mathew D.; Tinch, David; Yeoh, Ivan Li Chuen; Macnamara, John Graham; Edwin, Lionel Ernest; Klug, Michael Anthony; Welch, William Hudson  
 (74) Davies Collison Cave Pty Ltd

---

(71) Mallinckrodt Hospital Products IP Limited  
 (11) AU-B-2017218391  
 (21) 2017218391 (22) 30.01.2017  
 (54) Use and monitoring of inhaled nitric oxide with left ventricular assist devices  
 (51) Int. Cl.  
*A61K 33/00* ( 2006.01 )  
*A61B 5/026* ( 2006.01 )  
*A61M 16/12* ( 2006.01 )  
 (87) WO2017/139113  
 (31) 62/294,711 (32) 12.02.16 (33) US  
 (43) 17.08.2017

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) Potenziano, Jim; Greene, Douglas  
 Alan; Flanagan, Craig  
 (74) Phillips Ormonde Fitzpatrick

(71) MANGROVE WATER TECHNOLOGIES LTD  
 (11) AU-B-2022204494  
 (21) 2022204494 (22) 24.06.2022  
 (54) LI RECOVERY PROCESSES AND  
 ONSITE CHEMICAL PRODUCTION  
 FOR LI RECOVERY PROCESSES

(51) Int. Cl.  
*B01D 61/00* ( 2006.01 )  
*C01D 15/00* ( 2006.01 )  
*C01D 15/02* ( 2006.01 )  
*C01D 15/06* ( 2006.01 )  
*C01D 15/08* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )

(43) 14.07.2022  
 (44) 24.11.2022  
 (62) 2021290346  
 (72) DARA, Saad; ZAHIRI, Benjamin  
 (74) Houlihan2 Pty Ltd

(71) Matisa Materiel Industriel S.A.  
 (11) AU-B-2019218475

(21) 2019218475 (22) 31.01.2019  
 (54) Methods for locating points or lines of  
 interest on a railway track, positioning  
 and driving an intervention machine on  
 a railway track

(51) Int. Cl.  
*B61L 23/04* ( 2006.01 )  
*B61L 15/00* ( 2006.01 )

(87) WO2019/154718  
 (31) 1850960 (32) 06.02.18 (33) FR  
 1850961 06.02.18 FR  
 1850962 06.02.18 FR  
 (43) 15.08.2019  
 (44) 24.11.2022  
 (72) STUPAR, Milan; CHINOUNE, Youcef  
 (74) FPA Patent Attorneys Pty Ltd

(71) MedImmune Limited  
 (11) AU-B-2018316532  
 (21) 2018316532 (22) 17.08.2018  
 (54) Pyrrolbenzodiazepine conjugates

(51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/5517* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )  
*C07K 16/30* ( 2006.01 )

(87) WO2019/034764  
 (31) 62/547,303 (32) 18.08.17 (33) US  
 (43) 21.02.2019  
 (44) 24.11.2022  
 (72) DIMASI, Nazzareno; HOWARD,  
 Philip Wilson; MASTERSON, Luke;  
 TIBERGHIE, Arnaud Charles; VI-  
 JAYAKRISHNAN, Balakumar; WHITE,  
 Jason  
 (74) Davies Collison Cave Pty Ltd

(71) Medlogical Innovations Pty Ltd  
 (11) AU-B-2018238192  
 (21) 2018238192 (22) 22.03.2018

(54) Device for interstitial laser therapy  
 (51) Int. Cl.  
*A61B 18/20* ( 2006.01 )  
*A61B 18/22* ( 2006.01 )  
*A61B 18/24* ( 2006.01 )

(87) WO2018/170549  
 (31) 2017901030 (32) 23.03.17 (33) AU  
 (43) 27.09.2018  
 (44) 24.11.2022  
 (72) Varol, Celalettin  
 (74) Davies Collison Cave Pty Ltd

(71) MEDMONT INTERNATIONAL PTY LTD

(11) AU-B-2021204988  
 (21) 2021204988 (22) 12.07.2021  
 (54) OPHTHALMOLOGICAL IMAGING  
 METHOD, DEVICE AND SYSTEM

(51) Int. Cl.  
*A61B 3/107* ( 2006.01 )  
*A61B 3/14* ( 2006.01 )

(43) 05.08.2021  
 (44) 24.11.2022  
 (62) 2020220119  
 (72) LICHTENAUER, Paul; HEAVYSIDE,  
 Robert  
 (74) Oxygene IP

(71) Mercer Stainless Limited; Visy R & D  
 Pty Ltd

(11) AU-B-2017204053  
 (21) 2017204053 (22) 15.06.2017  
 (54) Machine for erecting linerless cartons

(51) Int. Cl.  
*B65D 5/28* ( 2006.01 )  
*B31B 50/00* ( 2017.01 )  
*B65D 5/24* ( 2006.01 )

(31) 2016902321 (32) 15.06.16 (33) AU  
 (43) 18.01.2018  
 (44) 24.11.2022  
 (72) Crackett, Grant Antony; Dagleish, Ad-  
 rian Michael; Merkel, Paul; Markham,  
 Leighton  
 (74) Davies Collison Cave Pty Ltd

(71) MERCK PATENT GMBH

(11) AU-B-2021201532  
 (21) 2021201532 (22) 10.03.2021  
 (54) Pyrimidine derivatives as BTK inhibitors  
 and uses thereof

(51) Int. Cl.  
*C07D 403/12* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )

*C07D 239/48* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 409/12* ( 2006.01 )  
*C07D 413/12* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 471/10* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )

(43) 25.03.2021  
 (44) 24.11.2022  
 (62) 2016290950  
 (72) QIU, Hui; CALDWELL, Richard D.; LIU-  
 BUJALSKI, Lesley  
 (74) Griffith Hack

(71) Midatech Ltd.  
 (11) AU-B-2017242544  
 (21) 2017242544 (22) 29.03.2017  
 (54) Cyclohextrix-panobinostat adduct  
 (51) Int. Cl.  
*A61K 47/69* ( 2017.01 )  
*A61K 47/40* ( 2006.01 )

(87) WO2017/167837  
 (31) 1610440.8 (32) 15.06.16 (33) GB  
 1605406.6 31.03.16 GB  
 (43) 05.10.2017  
 (44) 24.11.2022  
 (72) Coulter, Tom; Damment, Stephen;  
 Pace, Alessandro; Palmer, Daniel  
 (74) WRAYS PTY LTD

(71) MinEx CRC Ltd  
 (11) AU-B-2017393950  
 (21) 2017393950 (22) 30.05.2017  
 (54) Mobile coiled tubing drilling apparatus  
 (51) Int. Cl.  
*E21B 19/22* ( 2006.01 )  
*B65H 49/00* ( 2006.01 )

(87) WO2018/132861  
 (31) 2017900143 (32) 18.01.17 (33) AU  
 (43) 26.07.2018  
 (44) 24.11.2022  
 (72) Søe, Søren Pham; Zwar, Trevor James  
 (74) Phillips Ormonde Fitzpatrick

(71) Mirati Therapeutics, Inc.; Array Bio-  
 Pharma Inc.

(11) AU-B-2018369759  
 (21) 2018369759 (22) 14.11.2018  
 (54) KRas G12C inhibitors

(51) Int. Cl.  
*C07D 401/06* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )

(87) WO2019/099524  
 (31) 62/586,775 (32) 15.11.17 (33) US  
 (43) 23.05.2019  
 (44) 24.11.2022  
 (72) BLAKE, James F.; BURGESS,  
 Laurence E.; CHICARELLI, Mark  
 Joseph; CHRISTENSEN, James  
 Gail; COOK, Adam; FELL, Jay Brad-  
 ford; FISCHER, John P.; MARX, Mat-  
 thew Arnold; MEJIA, Macedonio J.;  
 SAVECHENKOV, Pavel; VIGERS,  
 Guy P.A.; SMITH, Christopher Ronald;  
 RODRIGUEZ, Martha E.  
 (74) Spruson & Ferguson

(71) Mirati Therapeutics, Inc.  
 (11) AU-B-2021266351  
 (21) 2021266351 (22) 12.11.2021  
 (54) PRC2 inhibitors  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

(43) 09.12.2021  
 (44) 24.11.2022  
 (62) 2019214861  
 (72) MARX, Matthew Arnold; LEE, Mat-  
 thew Randolph; BOBINSKI, Thomas  
 P.; BURNS, Aaron Craig; ARORA,



Applications Accepted - Name Index cont'd

- Nidhi; CHRISTENSEN, James Gail;  
KETCHAM, John Michael  
**(74)** Spruson & Ferguson
- 
- (71)** MITSUBISHI ELECTRIC CORPORATION  
**(11)** AU-B-2019437996  
**(21)** 2019437996 **(22)** 28.03.2019  
**(54)** Motor drive device  
**(51)** Int. Cl.  
**H02P 27/06** ( 2006.01 )  
**(87)** WO2020/194755  
**(43)** 01.10.2020  
**(44)** 24.11.2022  
**(72)** KUWABARA, Yasushi; ONISHI, Takamasa  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Mitsubishi Heavy Industries Engineering, Ltd.  
**(11)** AU-B-2019368954  
**(21)** 2019368954 **(22)** 05.09.2019  
**(54)** Gas Purification Apparatus, Ship Including the Same, and Gas Purification Method  
**(51)** Int. Cl.  
**B01D 53/92** ( 2006.01 )  
**B01D 46/24** ( 2006.01 )  
**B01D 53/94** ( 2006.01 )  
**B01J 35/02** ( 2006.01 )  
**B63H 21/32** ( 2006.01 )  
**F01N 3/035** ( 2006.01 )  
**F01N 3/24** ( 2006.01 )  
**(87)** WO2020/084925  
**(31)** 2018-199676 **(32)** 24.10.18 **(33)** JP  
**(43)** 30.04.2020  
**(44)** 24.11.2022  
**(72)** INUI, Masayuki; SUSAKI, Makoto; OTANI, Akihito  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Mitsubishi HiTec Paper Europe GmbH  
**(11)** AU-B-2019221521  
**(21)** 2019221521 **(22)** 13.02.2019  
**(54)** Heat-sealable barrier paper  
**(51)** Int. Cl.  
**D21H 27/10** ( 2006.01 )  
**D21H 19/18** ( 2006.01 )  
**D21H 19/20** ( 2006.01 )  
**D21H 19/62** ( 2006.01 )  
**D21H 19/82** ( 2006.01 )  
**(87)** WO2019/158566  
**(31)** 10 2019 103 343.8 **(32)** 11.02.19 **(33)** DE  
10 2018 113 695.1 08.06.18 DE  
10 2018 103 206.4 13.02.18 DE  
**(43)** 22.08.2019  
**(44)** 24.11.2022  
**(72)** GRUNDL, Lena-Maria; EL-KARAZI, Nadia; BECKER, Dieter; KALESSIOS, Konstantinos; SCHLEGEL, Jochen  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Mitsubishi Tanabe Pharma Corporation  
**(11)** AU-B-2019301336  
**(21)** 2019301336 **(22)** 10.07.2019

- (54)** Prevention or treatment method for peripheral neuropathy or pain accompanying disease in which peripheral neuropathy or astrocyte disorder is recognized  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(87)** WO2020/013238  
**(31)** 62/696,052 **(32)** 10.07.18 **(33)** US  
**(43)** 16.01.2020  
**(44)** 24.11.2022  
**(72)** ISHIDA, Hayato; ISHIDA, Hirokazu; PALUMBO, M. Joseph; SASAKI, Atsushi  
**(74)** Spruson & Ferguson
- 
- (71)** Mitsui Chemicals, Inc.; National University Corporation University of Toyama  
**(11)** AU-B-2018390590  
**(21)** 2018390590 **(22)** 21.06.2018  
**(54)** METHOD FOR DETERMINING BACTERIAL NUMBER IN SPECIMEN  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**C12Q 1/689** ( 2018.01 )  
**(87)** WO2019/123692  
**(31)** 2017-246333 **(32)** 22.12.17 **(33)** JP  
2017-246724 22.12.17 JP  
**(43)** 27.06.2019  
**(44)** 24.11.2022  
**(72)** NIIMI, Hideki; KITAJIMA, Isao; MIYAKOSHI, Akio; HIGASHI, Yoshitsugu  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Motorola Solutions, Inc.  
**(11)** AU-B-2020267579  
**(21)** 2020267579 **(22)** 07.05.2020  
**(54)** Extended range direct mode enhanced channel access in digital mobile radio systems  
**(51)** Int. Cl.  
**H04W 76/45** ( 2018.01 )  
**(87)** WO2020/227561  
**(31)** 62/845,392 **(32)** 09.05.19 **(33)** US  
**(43)** 12.11.2020  
**(44)** 24.11.2022  
**(72)** BOHN, Thomas B.; PTASINSKI, Piotr  
**(74)** Phillips Ormonde Fitzpatrick
- 
- Muffin Incorporated Db a Cook Advanced Technologies see Cook Medical Technologies LLC**  
**(21)** 2020216912
- 
- (71)** Mura Technology Limited  
**(11)** AU-B-2017376821  
**(21)** 2017376821 **(22)** 14.12.2017  
**(54)** Method and apparatus for producing biofuel  
**(51)** Int. Cl.  
**C10B 53/07** ( 2006.01 )  
**B01J 3/00** ( 2006.01 )

- B01J 6/00** ( 2006.01 )  
**C10G 1/10** ( 2006.01 )  
**C10L 1/02** ( 2006.01 )  
**C10L 1/04** ( 2006.01 )  
**(87)** WO2018/107204  
**(31)** 2016905177 **(32)** 14.12.16 **(33)** AU  
**(43)** 21.06.2018  
**(44)** 24.11.2022  
**(72)** Humphreys, Leonard James; Rowlands, William Neil  
**(74)** Spruson & Ferguson
- 
- (71)** Myovant Sciences GmbH; Takeda Pharmaceutical Company Limited  
**(11)** AU-B-2017334035  
**(21)** 2017334035 **(22)** 29.09.2017  
**(54)** Treatment of prostate cancer  
**(51)** Int. Cl.  
**A61K 31/513** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2018/060463  
**(31)** 62/402,150 **(32)** 30.09.16 **(33)** US  
62/402,004 30.09.16 US  
**(43)** 05.04.2018  
**(44)** 24.11.2022  
**(72)** Rajasekhar, Vijaykumar Reddy; Johnson, Brendan Mark; Maclean, David B.; Seely, Lynn; Mudd Jr., Paul N.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Myriota Pty Ltd  
**(11)** AU-B-2020289718  
**(21)** 2020289718 **(22)** 14.12.2020  
**(54)** A MULTIUSER COMMUNICATIONS SYSTEM  
**(51)** Int. Cl.  
**H04B 1/10** ( 2006.01 )  
**H04B 1/7097** ( 2011.01 )  
**(43)** 21.01.2021  
**(44)** 24.11.2022  
**(62)** 2018264123  
**(72)** Grant, Alexander James; Lechner, Gottfried; Pollok, Andre; McKilliam, Robert George; Land, Ingmar Rüdiger; Haley, David Victor Lawrie; Cowley, William George; Davis, Linda Mary; Barbulescu, Sorin Adrian; Buetefuer, John Lawrence; Lavenant, Marc Pierre Denis  
**(74)** Madderns Pty Ltd
- 
- (71)** National University Corporation Nagoya University; Osaka University; Nichia Corporation  
**(11)** AU-B-2018227186  
**(21)** 2018227186 **(22)** 28.02.2018  
**(54)** SEMICONDUCTOR NANOPARTICLES, METHOD OF PRODUCING THE SEMICONDUCTOR NANOPARTICLES, AND LIGHT-EMITTING DEVICE  
**(51)** Int. Cl.  
**C09K 11/62** ( 2006.01 )  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**C01G 15/00** ( 2006.01 )  
**C09K 11/08** ( 2006.01 )  
**H01L 33/50** ( 2010.01 )  
**(87)** WO2018/159699

Applications Accepted - Name Index cont'd

(31) 2018-025251 (32) 15.02.18 (33) JP  
2017-037477 28.02.17 JP  
(43) 07.09.2018  
(44) 24.11.2022  
(72) Torimoto, Tsukasa; Kameyama, Tatsu-  
suya; Kishi, Marino; Miyamae, Chie;  
Kuwabata, Susumu; Uematsu, Taro;  
Oyamatsu, Daisuke; Niki, Kenta  
(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

**National University Corporation University  
of Toyama see Mitsui Chemicals, Inc.**  
(21) 2018390590

(71) Navigo Proteins GmbH  
(11) AU-B-2019409572  
(21) 2019409572 (22) 17.12.2019  
(54) Novel FOLR1 specific binding proteins  
for cancer diagnosis and treatment  
(51) Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
(87) WO2020/127224  
(31) 18213661.4 (32) 18.12.18 (33) EP  
19160572.4 04.03.19 EP  
(43) 25.06.2020  
(44) 24.11.2022  
(72) FIEDLER, Erik; HAUPTS, Ulrich;  
GLOSER, Manja; BOSSE-DOENECKE,  
Eva  
(74) Davies Collison Cave Pty Ltd

(71) Neale, B.  
(11) AU-B-2019264650  
(21) 2019264650 (22) 15.11.2019  
(54) An improved face fix brick tie system  
(51) Int. Cl.  
**E04B 1/41** ( 2006.01 )  
**E04B 2/56** ( 2006.01 )  
(31) 2018904371 (32) 16.11.18 (33) AU  
(43) 04.06.2020  
(44) 24.11.2022  
(72) Neale, Bradley  
(74) Patentec Patent Attorneys

(71) Netflix, Inc.  
(11) AU-B-2020222959  
(21) 2020222959 (22) 11.02.2020  
(54) Techniques for advancing playback of  
interactive media titles in response to  
user selections  
(51) Int. Cl.  
**H04N 21/44** ( 2011.01 )  
**H04N 21/845** ( 2011.01 )  
**H04N 21/8541** ( 2011.01 )  
(87) WO2020/167801  
(31) 16/273,082 (32) 11.02.19 (33) US  
(43) 20.08.2020  
(44) 24.11.2022  
(72) WATSON, Mark  
(74) FPA Patent Attorneys Pty Ltd

(71) Neurolens, Inc.  
(11) AU-B-2018206488  
(21) 2018206488 (22) 04.03.2018

(54) Prismatic contact lens  
(51) Int. Cl.  
**G02C 7/04** ( 2006.01 )  
(87) WO2018/129566  
(31) 15/399,746 (32) 06.01.17 (33) US  
(43) 12.07.2018  
(44) 24.11.2022  
(72) Krall, Jeffrey P.; Plumley, Aric; Zimanyi,  
Gergely T.  
(74) Phillips Ormonde Fitzpatrick

(71) Newsouth Innovations Pty Limited  
(11) AU-B-2017346933  
(21) 2017346933 (22) 17.10.2017  
(54) Recombinant microcystin production  
(51) Int. Cl.  
**C12N 9/12** ( 2006.01 )  
**C07K 7/56** ( 2006.01 )  
**C07K 14/405** ( 2006.01 )  
**C12N 15/70** ( 2006.01 )  
(87) WO2018/071954  
(31) 2016904211 (32) 17.10.16 (33) AU  
(43) 26.04.2018  
(44) 24.11.2022  
(72) Neilan, Brett; Liu, Tianzhe; Mazmouz,  
Rabia; Ongley, Sarah  
(74) Spruson & Ferguson

(71) New South Innovations Pty Limited;  
Kaye, L.; Aron-Dine, S.; Lim, A.; Bass-  
man, L.  
(11) AU-B-2017216254  
(21) 2017216254 (22) 31.01.2017  
(54) Metal alloys  
(51) Int. Cl.  
**C22C 5/04** ( 2006.01 )  
**A44C 27/00** ( 2006.01 )  
**C22C 19/03** ( 2006.01 )  
**C22C 19/07** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )  
(87) WO2017/132725  
(31) 2016900313 (32) 01.02.16 (33) AU  
(43) 10.08.2017  
(44) 24.11.2022  
(72) Kaye, Lucia; Aron-Dine, Shifrah; Lim,  
Allison; Bassman, Lori; Laws, Kevin;  
McKenzie, Warren; Healy, Caitlin  
(74) MINTER ELLISON

**Nichia Corporation see National University  
Corporation Nagoya University**  
(21) 2018227186

(71) Nippon Steel Corporation  
(11) AU-B-2019353400  
(21) 2019353400 (22) 02.10.2019  
(54) Wound core  
(51) Int. Cl.  
**H01F 27/245** ( 2006.01 )  
**H01F 27/24** ( 2006.01 )  
(87) WO2020/071460  
(31) 2018-187341 (32) 02.10.18 (33) JP  
(43) 09.04.2020

(44) 24.11.2022  
(72) MIZUMURA, Takahito; MIZOKAMI,  
Masato; TAKAHASHI, Fumiaki; MOGI,  
Hisashi  
(74) Spruson & Ferguson

(71) Noetic Technologies Inc.  
(11) AU-B-2020209365  
(21) 2020209365 (22) 19.01.2020  
(54) Axial-load-actuated rotary latch release  
mechanisms for casing running tools  
(51) Int. Cl.  
**E21B 19/06** ( 2006.01 )  
**E21B 19/16** ( 2006.01 )  
**E21B 23/00** ( 2006.01 )  
(87) WO2020/146936  
(31) 62/794,619 (32) 19.01.19 (33) US  
(43) 23.07.2020  
(44) 24.11.2022  
(72) SLACK, Maurice William  
(74) Spruson & Ferguson

(71) Nokia Technologies Oy  
(11) AU-B-2018442418  
(21) 2018442418 (22) 21.09.2018  
(54) Random access procedure  
(51) Int. Cl.  
**H04W 74/00** ( 2009.01 )  
(87) WO2020/056770  
(43) 26.03.2020  
(44) 24.11.2022  
(72) TURPINEN, Samuli; WU, Chunli; SE-  
BIRE, Benoist  
(74) Spruson & Ferguson

(71) Northann Building Solutions LLC  
(11) AU-B-2021205306  
(21) 2021205306 (22) 11.01.2021  
(54) Decorative surface covering element,  
surface covering element covering, and  
method of producing such a decorative  
surface covering element  
(51) Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**B32B 3/00** ( 2006.01 )  
**E04F 13/18** ( 2006.01 )  
**E04F 15/02** ( 2006.01 )  
**E04F 15/10** ( 2006.01 )  
(87) WO2021/140492  
(31) 2024631 (32) 09.01.20 (33) NL  
(43) 15.07.2021  
(44) 24.11.2022  
(72) LI, Lin  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD

(71) Northrop Grumman Systems Corpora-  
tion  
(11) AU-B-2021250919  
(21) 2021250919 (22) 14.10.2021  
(54) Magnetic flux source system  
(51) Int. Cl.  
**H01L 27/18** ( 2006.01 )  
**G06N 10/00** ( 2019.01 )  
**H01L 39/22** ( 2006.01 )  
(43) 11.11.2021

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (62) 2019295482  
 (72) FERGUSON, David George; NOVIKOV, Sergey S.; PRZYBYSZ, Anthony Joseph; HINKEY, Robert T.; PESETSKI, Aaron A.; ZICK, Kenneth M.  
 (74) Davies Collison Cave Pty Ltd

(71) Novalon S.A.  
 (11) AU-B-2017260799  
 (21) 2017260799 (22) 04.05.2017  
 (54) Use of sugar-alcohols in tibolone compositions  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 31/57** ( 2006.01 )  
 (87) WO2017/191266  
 (31) 16168390.9 (32) 04.05.16 (33) EP  
 (43) 09.11.2017  
 (44) 24.11.2022  
 (72) Jaspert, Séverine  
 (74) Griffith Hack

Novartis AG see The Trustees of the University of Pennsylvania  
 (21) 2021203547

(71) NTT DOCOMO, INC.  
 (11) AU-B-2017423954  
 (21) 2017423954 (22) 21.07.2017  
 (54) User terminal and wireless communication method  
 (51) Int. Cl.  
**H04L 27/26** ( 2006.01 )  
**H04W 24/10** ( 2009.01 )  
**H04W 52/30** ( 2009.01 )  
**H04W 72/04** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**H04W 72/14** ( 2009.01 )  
 (87) WO2019/016950  
 (43) 24.01.2019  
 (44) 24.11.2022  
 (72) TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; HOU, Xiaolin  
 (74) Spruson & Ferguson

(71) NTT DOCOMO, INC.  
 (11) AU-B-2018402429  
 (21) 2018402429 (22) 12.01.2018  
 (54) USER TERMINAL AND RADIO COMMUNICATION METHOD  
 (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 16/28** ( 2009.01 )  
 (87) WO2019/138528  
 (43) 18.07.2019  
 (44) 24.11.2022  
 (72) TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; LIU, Min; HOU, Xiaolin; NA, Chongning  
 (74) Spruson & Ferguson

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-B-2019416664  
 (21) 2019416664 (22) 26.12.2019

(54) Stator aerodynamic components with nozzles and methods for cleaning a turbomachine  
 (51) Int. Cl.  
**F01D 25/00** ( 2006.01 )  
 (87) WO2020/135931  
 (31) 102018000021067 (32) 27.12.18 (33) IT  
 (43) 02.07.2020  
 (44) 24.11.2022  
 (72) DEVI, Ravindra; MICHELASSI, Vittorio; MERLO, Roberto; PARIK, Devender  
 (74) Phillips Ormonde Fitzpatrick

(71) NuVasive, Inc.  
 (11) AU-B-2021218059  
 (21) 2021218059 (22) 18.08.2021  
 (54) LORDOTIC EXPANDABLE FUSION IMPLANT  
 (51) Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
 (43) 09.09.2021  
 (44) 24.11.2022  
 (62) 2016381191  
 (72) Stein, Chris  
 (74) Phillips Ormonde Fitzpatrick

(71) Omni Biocetical Innovations, Inc.  
 (11) AU-B-2016393867  
 (21) 2016393867 (22) 01.12.2016  
 (54) Compositions of bioactive fulvate fractions and uses thereof  
 (51) Int. Cl.  
**A61K 35/10** ( 2006.01 )  
**A61K 8/96** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2017/146792  
 (31) 62/300,541 (32) 26.02.16 (33) US  
 15/360,279 23.11.16 US  
 (43) 31.08.2017  
 (44) 24.11.2022  
 (72) Black, Gary W.; Christensen, Jane; Taghizadeh, Farhan  
 (74) Spruson & Ferguson

(71) OmniGen Research, L.L.C.  
 (11) AU-B-2018212566  
 (21) 2018212566 (22) 24.01.2018  
 (54) Granulated feed supplement and methods for making and using  
 (51) Int. Cl.  
**A23K 20/00** ( 2016.01 )  
**A23K 20/10** ( 2016.01 )  
**A23K 20/163** ( 2016.01 )  
**A23K 20/28** ( 2016.01 )  
 (87) WO2018/140450  
 (31) 62/449,959 (32) 24.01.17 (33) US  
 (43) 02.08.2018  
 (44) 24.11.2022  
 (72) Costigan, Timothy E.; McLean, Derek J.; Mitchell, Gordon R.; Jacobsen, Erich M.; Walker, Elvin D.; Deskins, Gregory A.; Beairsto, Taylor D.  
 (74) Phillips Ormonde Fitzpatrick

(71) Optical Saver Technologies, S.a.p.i. De C.V.  
 (11) AU-B-2017366165  
 (21) 2017366165 (22) 23.11.2017  
 (54) Optical device augmenting the emission of electro-luminescent light sources with help of a dichroic ZnO nanorod comprising filter  
 (51) Int. Cl.  
**F21K 9/64** ( 2016.01 )  
**F21K 9/60** ( 2016.01 )  
**G02B 1/118** ( 2015.01 )  
**G02B 5/26** ( 2006.01 )  
**G02B 27/10** ( 2006.01 )  
**H01L 33/46** ( 2010.01 )  
 (87) WO2018/097704  
 (31) MX/a/2016/015395 (32) 24.11.16 (33) MX  
 (43) 31.05.2018  
 (44) 24.11.2022  
 (72) Capilla Bermudez, Enrique  
 (74) Griffith Hack

(71) Optis Wireless Technology, LLC  
 (11) AU-B-2021202799  
 (21) 2021202799 (22) 04.05.2021  
 (54) Method and arrangement in a cellular communications system  
 (51) Int. Cl.  
**H04W 52/36** ( 2009.01 )  
**H03G 3/30** ( 2006.01 )  
**H04L 27/26** ( 2006.01 )  
 (43) 03.06.2021  
 (44) 24.11.2022  
 (62) 2019203507  
 (72) KAZMI, Muhammad; QUESETH, Olav; CHEN, Ming; BERGLJUNG, Christian  
 (74) FPA Patent Attorneys Pty Ltd

(71) Optos PLC  
 (11) AU-B-2021232682  
 (21) 2021232682 (22) 14.09.2021  
 (54) Detection of pathologies in ocular images  
 (51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**A61B 3/00** ( 2006.01 )  
**A61B 3/12** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
 (43) 07.10.2021  
 (44) 24.11.2022  
 (62) 2019280075  
 (72) VAN HEMERT, Jano; SWAN, Derek  
 (74) FB Rice Pty Ltd

(71) Osaka Gas Co., Ltd.  
 (11) AU-B-2018236554  
 (21) 2018236554 (22) 15.03.2018  
 (54) Pressure swing adsorption hydrogen manufacturing apparatus  
 (51) Int. Cl.  
**C01B 3/56** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
 (87) WO2018/168985  
 (31) 2017-051668 (32) 16.03.17 (33) JP  
 (43) 20.09.2018  
 (44) 24.11.2022  
 (72) Asonuma, Hidaka; Shimizu, Tsubasa  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

---

**Osaka University see National University Corporation Nagoya University**  
**(21)** 2018227186

---

**(71)** Otsuka Pharmaceutical Co., Ltd.  
**(11)** AU-B-2021205101  
**(21)** 2021205101 **(22)** 16.07.2021  
**(54)** Innovative preparation and crystallization of iosimenol  
**(51)** Int. Cl.  
*C07C 231/12* ( 2006.01 )  
*C07C 231/08* ( 2006.01 )  
*C07C 237/46* ( 2006.01 )  
**(43)** 19.08.2021  
**(44)** 24.11.2022  
**(62)** 2016350219  
**(72)** Malinak, Jiri; Hlavacek, Ivan; Prokop, Jiri; Masuda, Yoshito  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Pacific Biosciences of California, Inc.  
**(11)** AU-B-2018317826  
**(21)** 2018317826 **(22)** 15.08.2018  
**(54)** Scanning apparatus and methods useful for detection of chemical and biological analytes  
**(51)** Int. Cl.  
*B01L 9/00* ( 2006.01 )  
*G01N 21/13* ( 2006.01 )  
*G01N 21/90* ( 2006.01 )  
**(87)** WO2019/035897  
**(31)** 62/545,606 **(32)** 15.08.17 **(33)** US  
**(43)** 21.02.2019  
**(44)** 24.11.2022  
**(72)** ERICKSTAD, Michael John; MCGINLEY, Rebecca; NEMIROSKI, Alex; RAPOPORT, Harry Scott; OLIPHANT, Arnold; BUERMANN, Dale  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** P Alert Limited  
**(11)** AU-B-2017382986  
**(21)** 2017382986 **(22)** 21.12.2017  
**(54)** Device for the detection of conditions indicative of illicit drug production  
**(51)** Int. Cl.  
*G01N 33/00* ( 2006.01 )  
*G01N 1/22* ( 2006.01 )  
*G08B 21/18* ( 2006.01 )  
**(87)** WO2018/117870  
**(31)** 727911 **(32)** 22.12.16 **(33)** NZ  
**(43)** 28.06.2018  
**(44)** 24.11.2022  
**(72)** Beck, Robert David; Hanson, James  
**(74)** James & Wells Intellectual Property

---

**(71)** PASCOE, A.  
**(11)** AU-B-2021266261  
**(21)** 2021266261 **(22)** 10.11.2021  
**(54)** A GEARBOX  
**(51)** Int. Cl.  
*F16H 19/04* ( 2006.01 )  
*F16H 25/20* ( 2006.01 )  
*F16H 57/02* ( 2012.01 )

---

*F16H 25/22* ( 2006.01 )  
**(43)** 24.11.2022  
**(44)** 24.11.2022  
**(72)** PASCOE, Aaron  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** PerkinElmer Health Sciences, Inc.  
**(11)** AU-B-2021209272  
**(21)** 2021209272 **(22)** 29.07.2021  
**(54)** HOLLOW POLYMER FIBER OPTIC SYSTEM FOR SINGLE ANALYTE AND MULTIPLEXED ANALYTE DETECTION  
**(51)** Int. Cl.  
*G01N 21/64* ( 2006.01 )  
*G01N 21/77* ( 2006.01 )  
*G01N 33/53* ( 2006.01 )  
*G01N 33/58* ( 2006.01 )  
**(43)** 19.08.2021  
**(44)** 24.11.2022  
**(62)** 2016361420  
**(72)** Groves, Kevin; Bosse, Roger; Yared, Wael I.; Harvey, Peter A.; Faqir, Ilias; Meltzer, Michael  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Phase Final, Inc.  
**(11)** AU-B-2021201937  
**(21)** 2021201937 **(22)** 29.03.2021  
**(54)** Lighting device with ambient light sensor  
**(51)** Int. Cl.  
*H05B 45/10* ( 2020.01 )  
*F21L 4/00* ( 2006.01 )  
*F21V 23/04* ( 2006.01 )  
**(43)** 29.04.2021  
**(44)** 24.11.2022  
**(62)** 2015301595  
**(72)** Hoang, Vuong  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** Pilant, G.  
**(11)** AU-B-2020273346  
**(21)** 2020273346 **(22)** 20.11.2020  
**(54)** METHODS AND COMPOSITIONS FOR TOPICAL DELIVERY FOR SKIN CARE  
**(51)** Int. Cl.  
*A61K 8/27* ( 2006.01 )  
*A61K 8/19* ( 2006.01 )  
*A61K 8/67* ( 2006.01 )  
*A61K 8/97* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
**(43)** 17.12.2020  
**(44)** 24.11.2022  
**(62)** 2015247418  
**(72)** Pilant, Gregory P.  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Polyplas International Pty Ltd  
**(11)** AU-B-2018271230  
**(21)** 2018271230 **(22)** 26.11.2018  
**(54)** System for Suspending Elongate Service Components  
**(51)** Int. Cl.

---

*H02G 3/00* ( 2006.01 )  
*F16L 3/00* ( 2006.01 )  
*F16L 3/11* ( 2006.01 )  
*F16L 3/12* ( 2006.01 )  
**(31)** 2017904761 **(32)** 24.11.17 **(33)** AU  
**(43)** 13.06.2019  
**(44)** 24.11.2022  
**(72)** Luscombe, Peter  
**(74)** Argon IP Advisory Pty Ltd

---

**(71)** President and Fellows of Harvard College  
**(11)** AU-B-2018224829  
**(21)** 2018224829 **(22)** 26.02.2018  
**(54)** Integrated multi-electrode array and trans-endothelial electrical resistance in organ-on-a-chip microsystems  
**(51)** Int. Cl.  
*B01L 3/00* ( 2006.01 )  
*C12M 3/04* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*G01N 27/40* ( 2006.01 )  
**(87)** WO2018/157073  
**(31)** 62/464,229 **(32)** 27.02.17 **(33)** US  
 62/506,420 15.05.17 US  
**(43)** 30.08.2018  
**(44)** 24.11.2022  
**(72)** Maoz, Ben M.; Herland, Anna; Henry, Olivier F.; Parker, Kevin K.; Ingber, Donald E.  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Promaxo, Inc.  
**(11)** AU-B-2020248421  
**(21)** 2020248421 **(22)** 25.03.2020  
**(54)** Systems and methods for volumetric acquisition in a single-sided MRI system  
**(51)** Int. Cl.  
*A61B 5/055* ( 2006.01 )  
*G01R 33/48* ( 2006.01 )  
**(87)** WO2020/198396  
**(31)** 62/823,511 **(32)** 25.03.19 **(33)** US  
**(43)** 01.10.2020  
**(44)** 24.11.2022  
**(72)** GOMES, Muller  
**(74)** K&L Gates

---

**(71)** Provectus IP Pty Ltd  
**(11)** AU-B-2019368534  
**(21)** 2019368534 **(22)** 22.10.2019  
**(54)** A control system  
**(51)** Int. Cl.  
*A01G 33/00* ( 2006.01 )  
*A01G 9/24* ( 2006.01 )  
*G02F 1/00* ( 2006.01 )  
*H05B 45/10* ( 2020.01 )  
*H05B 45/20* ( 2020.01 )  
*H05B 47/105* ( 2020.01 )  
**(87)** WO2020/082119  
**(31)** 2018903996 **(32)** 22.10.18 **(33)** AU  
**(43)** 30.04.2020  
**(44)** 24.11.2022  
**(72)** SPANTON, Nusque  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

---

Applications Accepted - Name Index cont'd

(71) Provost, B.  
 (11) AU-B-2016410305  
 (21) 2016410305 (22) 28.11.2016  
 (54) Outboard-motor closed-loop cooler system  
 (51) Int. Cl.  
     **B63H 20/24** ( 2006.01 )  
     **B63H 20/28** ( 2006.01 )  
     **F01P 3/20** ( 2006.01 )  
     **F01P 7/16** ( 2006.01 )  
     **F02B 61/04** ( 2006.01 )  
 (87) WO2017/222583  
 (31) 15/188,243 (32) 21.06.16 (33) US  
     15/188,204 21.06.16 US  
 (43) 28.12.2017  
 (44) 24.11.2022  
 (72) Provost, Brian  
 (74) AJ PARK

(71) Prysmian S.p.A.  
 (11) AU-B-2017421247  
 (21) 2017421247 (22) 29.06.2017  
 (54) Flame retardant, low smoke, cold resistant electric cable  
 (51) Int. Cl.  
     **H01B 3/44** ( 2006.01 )  
     **C08K 5/00** ( 2006.01 )  
     **C08K 5/12** ( 2006.01 )  
     **C08L 23/04** ( 2006.01 )  
     **C08L 27/06** ( 2006.01 )  
     **H01B 7/02** ( 2006.01 )  
     **H01B 7/295** ( 2006.01 )  
 (87) WO2019/002917  
 (43) 03.01.2019  
 (44) 24.11.2022  
 (72) Sirin, Zekeriya; Senkaya, Alaettin; Büyük, Serdar; Albayrak, Özlem  
 (74) Davies Collison Cave Pty Ltd

(71) Pujing Chemical Industry Co., Ltd  
 (11) AU-B-2018447125  
 (21) 2018447125 (22) 22.10.2018  
 (54) Carbonylation catalyst and preparation thereof  
 (51) Int. Cl.  
     **B01J 23/44** ( 2006.01 )  
     **C07C 67/36** ( 2006.01 )  
     **C07C 69/36** ( 2006.01 )  
 (87) WO2020/082200  
 (43) 30.04.2020  
 (44) 24.11.2022  
 (72) HUANG, Jian  
 (74) FB Rice Pty Ltd

(71) Purdue Pharma L.P.  
 (11) AU-B-2020273332  
 (21) 2020273332 (22) 19.11.2020  
 (54) Treatment and prevention of sleep disorders  
 (51) Int. Cl.  
     **A61K 31/498** ( 2006.01 )  
     **A61P 25/20** ( 2006.01 )  
     **A61P 43/00** ( 2006.01 )  
 (43) 17.12.2020  
 (44) 24.11.2022  
 (62) 2017304898  
 (72) HARRIS, Stephen C.; KAPIL, Ram P.; KYLE, Donald J.; WHITESIDE, Garth  
 (74) FB Rice Pty Ltd

(71) QIAGEN Sciences LLC; Biopeptides Corp.; Gundersen Lutheran Medical Foundation, Inc.  
 (11) AU-B-2016328277  
 (21) 2016328277 (22) 15.09.2016  
 (54) Compositions and methods for diagnosing lyme disease and for predicting lyme disease spirochete elimination after treatment  
 (51) Int. Cl.  
     **G01N 33/569** ( 2006.01 )  
     **C07K 14/20** ( 2006.01 )  
 (87) WO2017/053167  
 (31) 62/233,192 (32) 25.09.15 (33) US  
 (43) 30.03.2017  
 (44) 24.11.2022  
 (72) Callister, Steven M.; Boyle, Jeff; Miyamasu, Misato; Dattwyler, Raymond J.; Arnaboldi, Paul M.  
 (74) Davies Collison Cave Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2018237153  
 (21) 2018237153 (22) 21.03.2018  
 (54) Signalling of essential and non-essential video supplemental information  
 (51) Int. Cl.  
     **H04N 19/70** ( 2014.01 )  
     **H04N 21/854** ( 2011.01 )  
 (87) WO2018/175609  
 (31) 62/474,540 (32) 21.03.17 (33) US  
     15/926,833 20.03.18 US  
 (43) 27.09.2018  
 (44) 24.11.2022  
 (72) Wang, Ye-Kui; Stockhammer, Thomas  
 (74) Maddersn Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-B-2019278991  
 (21) 2019278991 (22) 31.05.2019  
 (54) Block-based adaptive loop filter (ALF) design and signaling  
 (51) Int. Cl.  
     **H04N 19/82** ( 2014.01 )  
     **H04N 19/117** ( 2014.01 )  
     **H04N 19/154** ( 2014.01 )  
     **H04N 19/174** ( 2014.01 )  
     **H04N 19/463** ( 2014.01 )  
     **H04N 19/70** ( 2014.01 )  
 (87) WO2019/232412  
 (31) 62/679,685 (32) 01.06.18 (33) US  
     16/427,017 30.05.19 US  
 (43) 05.12.2019  
 (44) 24.11.2022  
 (72) KARCZEWICZ, Marta; GADDE, Akshay; SEREGIN, Vadim; CHIEN, Wei-Jung  
 (74) Maddersn Pty Ltd

(71) Raven Engineered Films, Inc.  
 (11) AU-B-2018443904  
 (21) 2018443904 (22) 25.09.2018  
 (54) Energy converting films and assemblies including the same  
 (51) Int. Cl.  
     **B29C 65/14** ( 2006.01 )

**B29C 65/04** ( 2006.01 )  
**B29C 65/36** ( 2006.01 )  
 (87) WO2020/068050  
 (43) 02.04.2020  
 (44) 24.11.2022  
 (72) REDFORD, Steven G.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Raven Products Pty Ltd  
 (11) AU-B-2018229434  
 (21) 2018229434 (22) 11.09.2018  
 (54) AUTOMATIC DOOR SEAL IMPROVEMENTS  
 (51) Int. Cl.  
     **E06B 7/16** ( 2006.01 )  
 (31) 2017903697 (32) 12.09.17 (33) AU  
 (43) 28.03.2019  
 (44) 24.11.2022  
 (72) Raven, Neil Andrew  
 (74) Maddersn Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2020204410  
 (21) 2020204410 (22) 01.07.2020  
 (54) TRANSGENIC MICE EXPRESSING CHIMERIC MAJOR HISTOCOMPATIBILITY COMPLEX (MHC) CLASS I MOLECULES  
 (51) Int. Cl.  
     **A01K 67/027** ( 2006.01 )  
 (43) 23.07.2020  
 (44) 24.11.2022  
 (62) 2014249150  
 (72) Macdonald, Lynn; Murphy, Andrew J.; Gurer, Cagan; McWhirter, John; Voronina, Vera; Harris, Faith; Stevens, Sean; Xue, Yingzi  
 (74) Phillips Ormonde Fitzpatrick

(71) Replimune Limited  
 (11) AU-B-2017205216  
 (21) 2017205216 (22) 09.01.2017  
 (54) Modified oncolytic viurs  
 (51) Int. Cl.  
     **C12N 7/00** ( 2006.01 )  
 (87) WO2017/118864  
 (31) 1600382.4 (32) 08.01.16 (33) GB  
     1600380.8 08.01.16 GB  
     1600381.6 08.01.16 GB  
 (43) 13.07.2017  
 (44) 24.11.2022  
 (72) Coffin, Robert  
 (74) Catalyst Intellectual Property

(71) Research Institute at Nationwide Children's Hospital  
 (11) AU-B-2017250791  
 (21) 2017250791 (22) 14.04.2017  
 (54) Adeno-associated virus vector delivery of micro-dystrophin to treat muscular dystrophy  
 (51) Int. Cl.  
     **C12N 15/86** ( 2006.01 )  
     **A61K 48/00** ( 2006.01 )  
     **A61P 21/00** ( 2006.01 )

Applications Accepted - Name Index cont'd

**C07K 14/47** ( 2006.01 )  
**(87)** WO2017/181015  
**(31)** 62/323,163 **(32)** 15.04.16 **(33)** US  
 62/473,253 17.03.17 US  
**(43)** 19.10.2017  
**(44)** 24.11.2022  
**(72)** Rodino-Klapac, Louise; Mendell, Jerry R.  
**(74)** WRAYS PTY LTD

**(71)** Right Group Central Co., Ltd.  
**(11)** AU-B-2019426916  
**(21)** 2019426916 **(22)** 29.01.2019  
**(54)** Screen shield  
**(51)** Int. Cl.

**G06F 21/84** ( 2013.01 )  
**G06F 1/16** ( 2006.01 )  
**(87)** WO2020/154887  
**(43)** 06.08.2020  
**(44)** 24.11.2022  
**(72)** LEE, An-Fang  
**(74)** TIDY TEND GLOBAL PTY LTD

**(71)** Rippleffect Trust Limited  
**(11)** AU-B-2022202080  
**(21)** 2022202080 **(22)** 28.03.2022  
**(54)** A Structural Beam and Method of Manufacture  
**(51)** Int. Cl.

**E04C 3/18** ( 2006.01 )  
**E04C 3/12** ( 2006.01 )  
**E04B 1/26** ( 2006.01 )  
**(31)** 781427 **(32)** 19.10.21 **(33)** NZ  
**(43)** 24.11.2022  
**(44)** 24.11.2022  
**(72)** WOODMAN, John Dennis  
**(74)** CreatelIP

**(71)** Robert Bosch Limitada  
**(11)** AU-B-2018204266  
**(21)** 2018204266 **(22)** 14.06.2018  
**(54)** Animal marking system  
**(51)** Int. Cl.  
**A01K 11/00** ( 2006.01 )  
**(31)** BR102017013887-9**(32)** 27.06.17 **(33)** BR  
**(43)** 17.01.2019  
**(44)** 24.11.2022  
**(72)** VASCONCELOS, Alvaro Augusto  
**(74)** Spruson & Ferguson

**(71)** Roborigger Pty Ltd  
**(11)** AU-B-2017361137  
**(21)** 2017361137 **(22)** 21.11.2017  
**(54)** Apparatus for controlling orientation of suspended loads  
**(51)** Int. Cl.  
**B66C 13/06** ( 2006.01 )  
**B66C 13/08** ( 2006.01 )  
**(87)** WO2018/090104  
**(31)** 2016904755 **(32)** 21.11.16 **(33)** AU  
 2017903055 02.08.17 AU  
**(43)** 24.05.2018  
**(44)** 24.11.2022  
**(72)** Markwell, Derick  
**(74)** Griffith Hack

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2017269272

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2018245984

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2018245985

**(71)** Rolls-Royce Solutions GmbH  
**(11)** AU-B-2017408652  
**(21)** 2017408652 **(22)** 13.11.2017  
**(54)** Belt-tensioning device  
**(51)** Int. Cl.  
**F16H 7/12** ( 2006.01 )  
**(87)** WO2018/184651  
**(31)** 10 2017 003 300.5 **(32)** 05.04.17 **(33)** DE  
**(43)** 11.10.2018  
**(44)** 24.11.2022  
**(72)** Gross, Alexander  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Sadleir Laboratories Pty Ltd  
**(11)** AU-B-2022204074  
**(21)** 2022204074 **(22)** 10.06.2022  
**(54)** Medication delivery system and method  
**(51)** Int. Cl.  
**A61M 5/168** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**A61M 5/19** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
**A61M 5/36** ( 2006.01 )  
**(43)** 21.07.2022  
**(44)** 24.11.2022  
**(62)** PCT/AU2020/051363  
**(72)** Sadleir, Paul Harold Martin; Sadleir, John Willoughby  
**(74)** FB Rice Pty Ltd

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2017384889  
**(21)** 2017384889 **(22)** 28.12.2017  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
**A47B 88/40** ( 2017.01 )  
**F25D 25/02** ( 2006.01 )  
**(87)** WO2018/124755  
**(31)** 10-2016-0182918 **(32)** 29.12.16 **(33)** KR  
**(43)** 05.07.2018  
**(44)** 24.11.2022  
**(72)** Seo, Jun Won; Lee, Jea Won; Kyong, Yong Soo; Hwang, Kyung Ho; Lee, Jae Bok; Jang, Myoung Jin; Choi, Nam Gu  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2018332398  
**(21)** 2018332398 **(22)** 12.09.2018

**(54)** Method for encoding and decoding motion information and device for encoding and decoding motion information  
**(51)** Int. Cl.  
**H04N 19/139** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/184** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**(87)** WO2019/054736  
**(31)** 62/557,414 **(32)** 12.09.17 **(33)** US  
**(43)** 21.03.2019  
**(44)** 24.11.2022  
**(72)** JEONG, Seung-soo  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2019220254  
**(21)** 2019220254 **(22)** 13.02.2019  
**(54)** Method and apparatus for mapping up-link control information in wireless communication system  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04L 1/00** ( 2006.01 )  
**H04L 1/18** ( 2006.01 )  
**(87)** WO2019/160337  
**(31)** 10-2018-0018072 **(32)** 13.02.18 **(33)** KR  
**(43)** 22.08.2019  
**(44)** 24.11.2022  
**(72)** YEO, Jeongho; CHOI, Seunghoon; PARK, Sungjin; OH, Jinyoung  
**(74)** Griffith Hack

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2019418268  
**(21)** 2019418268 **(22)** 31.12.2019  
**(54)** Device and method for controlling transmission power of electronic device in wireless communication system  
**(51)** Int. Cl.  
**H04W 52/34** ( 2009.01 )  
**H04W 52/14** ( 2009.01 )  
**H04W 52/50** ( 2009.01 )  
**H04W 76/16** ( 2018.01 )  
**H04W 88/06** ( 2009.01 )  
**(87)** WO2020/141852  
**(31)** 10-2019-0000214 **(32)** 02.01.19 **(33)** KR  
**(43)** 09.07.2020  
**(44)** 24.11.2022  
**(72)** LEE, Hyoungjoo; CHUNG, Wonsuk; LEE, Sangho; KIM, Hyejeong; JUNG, Euichang  
**(74)** Griffith Hack

**(71)** Sangermano, P.; IFA International Fluid Association  
**(11)** AU-B-2017319402  
**(21)** 2017319402 **(22)** 25.08.2017  
**(54)** A device for generating compressed fluids  
**(51)** Int. Cl.  
**F03G 7/00** ( 2006.01 )  
**G21B 1/05** ( 2006.01 )  
**H05H 1/46** ( 2006.01 )  
**(87)** WO2018/042258  
**(31)** 102016000089129 **(32)** 02.09.16 **(33)** IT  
**(43)** 08.03.2018

Applications Accepted - Name Index cont'd

- (44) 24.11.2022  
 (72) Sangermano, Paolo; Smorra, Ferdinando; Cirillo, Domenico  
 (74) LAMINAR IP PTY LTD
- 
- (71) Sawstop Holding LLC  
 (11) AU-B-2017274515  
 (21) 2017274515 (22) 25.05.2017  
 (54) Detection systems for power tools with active injury mitigation technology  
 (51) Int. Cl.  
*B26D 5/00* ( 2006.01 )  
*B23D 45/00* ( 2006.01 )  
*B32B 9/00* ( 2006.01 )  
*H01R 39/20* ( 2006.01 )  
*H01R 39/64* ( 2006.01 )  
 (87) WO2017/210091  
 (31) 62/343,451 (32) 31.05.16 (33) US  
 (43) 07.12.2017  
 (44) 24.11.2022  
 (72) Gass, Stephen F.; Nenadic, John P.; Slamka, Louis R.  
 (74) Phillips Ormonde Fitzpatrick
- 
- Saygivar, S. see Saygivar, F.  
 (21) 2017346332
- 
- Saygivar, L. see Saygivar, F.  
 (21) 2017346332
- 
- (71) Saygivar, F.; Saygivar, S.; Saygivar, L.  
 (11) AU-B-2017346332  
 (21) 2017346332 (22) 16.10.2017  
 (54) Protective device to prevent persons from falling  
 (51) Int. Cl.  
*E04G 21/32* ( 2006.01 )  
*F16M 11/04* ( 2006.01 )  
 (87) WO2018/072873  
 (31) 10 2016 012 321.4 (32) 17.10.16 (33) DE  
 (43) 26.04.2018  
 (44) 24.11.2022  
 (72) Saygivar, Fiona Gabriella; Saygivar, Sharon Naomi; Saygivar, Lisa Marie  
 (74) WRAYS PTY LTD
- 
- (71) Schlage Lock Company LLC  
 (11) AU-B-2020217784  
 (21) 2020217784 (22) 06.02.2020  
 (54) Dynamic power management for electronic locksets  
 (51) Int. Cl.  
*G07C 9/00* ( 2020.01 )  
*H04B 5/00* ( 2006.01 )  
 (87) WO2020/163607  
 (31) 16/268,699 (32) 06.02.19 (33) US  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) LONG, Joshua A.; BAUMGARTE, Joseph W.; LUIF, John  
 (74) FB Rice Pty Ltd
- 
- (71) Schlumberger Technology B.V.  
 (11) AU-B-2016412712  
 (21) 2016412712 (22) 03.10.2016

- (54) Modular well testing systems and methods  
 (51) Int. Cl.  
*E21B 43/00* ( 2006.01 )  
*E21B 49/00* ( 2006.01 )  
 (87) WO2018/004714  
 (31) 16290118.5 (32) 28.06.16 (33) EP  
 (43) 04.01.2018  
 (44) 24.11.2022  
 (72) Allouche, Francis Dominique; Jan, Mathilde; El Alami, Ibrahim; Chaigne, Pierre; Shenoy, Mahesh; Conort, Gilbert  
 (74) Griffith Hack
- 
- (71) Schneider Electric (Australia) Pty Limited  
 (11) AU-B-2017279690  
 (21) 2017279690 (22) 20.12.2017  
 (54) TRANSMISSION DEVICE FOR PUSH-BUTTON SWITCH, PUSH-BUTTON SWITCH AND SOCKET  
 (51) Int. Cl.  
*H01H 23/16* ( 2006.01 )  
 (31) CN201621483556.1(32) 30.12.16 (33) CN  
 (43) 19.07.2018  
 (44) 24.11.2022  
 (72) Zhang, Dahai  
 (74) Madderns Pty Ltd
- 
- (71) SEA Automotive Pty Ltd  
 (11) AU-B-2021236438  
 (21) 2021236438 (22) 20.09.2021  
 (54) Management system for commercial electric vehicles  
 (51) Int. Cl.  
*H01M 10/625* ( 2014.01 )  
*B60L 3/00* ( 2019.01 )  
*G07C 5/00* ( 2006.01 )  
*H02J 7/00* ( 2006.01 )  
 (43) 14.10.2021  
 (44) 24.11.2022  
 (62) 2020200310  
 (72) FAIRWEATHER, Tony; FAIRWEATHER, Warren  
 (74) FB Rice Pty Ltd
- 
- (71) Sequenom, Inc.  
 (11) AU-B-2020277215  
 (21) 2020277215 (22) 26.11.2020  
 (54) Methods and processes for non-invasive assessment of genetic variations  
 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
 (43) 24.12.2020  
 (44) 24.11.2022  
 (62) 2018217243  
 (72) Dzakula, Zeljko; Mazloom, Amin R.; Deciu, Cosmin; Wang, Huiquan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Seres Therapeutics, Inc.  
 (11) AU-B-2020202312  
 (21) 2020202312 (22) 01.04.2020  
 (54) COMPOSITIONS AND METHODS FOR INHIBITION OF PATHOGENIC BACTERIAL GROWTH  
 (51) Int. Cl.

- C12N 1/20* ( 2006.01 )  
*A61K 35/66* ( 2006.01 )  
*A61K 35/74* ( 2006.01 )  
 (43) 23.04.2020  
 (44) 24.11.2022  
 (62) 2014212003  
 (72) Cook, David N.; Zhang, Han; D'Onofrio, Anthony M.; Berry, David A.; McKenzie, Mary-Jane Lombardo; Aunins, John G.; McKenzie, Gregory; Ohsumi, Toshiro  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Shaheen Innovations Holding Limited  
 (11) AU-B-2021252182  
 (21) 2021252182 (22) 06.04.2021  
 (54) Hookah device  
 (51) Int. Cl.  
*A24F 1/30* ( 2006.01 )  
*A24F 40/05* ( 2020.01 )  
*B05B 17/06* ( 2006.01 )  
 (87) WO2021/205158  
 (31) 20168245.7 (32) 06.04.20 (33) EP  
 20168231.7 06.04.20 EP  
 20168938.7 09.04.20 EP  
 16/889,667 01.06.20 US  
 17/065,992 08.10.20 US  
 17/122,025 15.12.20 US  
 17/220,189 01.04.21 US  
 (43) 14.10.2021  
 (44) 24.11.2022  
 (72) LAHOUD, Imad; ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; BHATTI, Sajid; MACHOVEC, Jeff; LAMOUREUX, Clement  
 (74) HENRY HUGHES IP LTD
- 
- (71) Shanghai Microport Cardioflow Medtech Co., Ltd.  
 (11) AU-B-2019412317  
 (21) 2019412317 (22) 20.12.2019  
 (54) Delivery catheter and delivery device for artificial valve  
 (51) Int. Cl.  
*A61F 2/962* ( 2013.01 )  
 (87) WO2020/135262  
 (31) 201811612802.2 (32) 27.12.18 (33) CN  
 (43) 02.07.2020  
 (44) 24.11.2022  
 (72) WU, Xuwen; MEI, Jie; GUI, Baozhu; CHEN, Guoming; LI, Yu  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Shelter Co., Ltd.  
 (11) AU-B-2017346915  
 (21) 2017346915 (22) 17.10.2017  
 (54) Reinforcement hardware and reinforcement method for wooden construction member  
 (51) Int. Cl.  
*E04B 1/26* ( 2006.01 )  
 (87) WO2018/074488  
 (31) 2016-204719 (32) 18.10.16 (33) JP  
 (43) 26.04.2018  
 (44) 24.11.2022  
 (72) Adachi, Hiroyuki  
 (74) WRAYS PTY LTD

Applications Accepted - Name Index cont'd

(71) Shelter Co., Ltd.  
 (11) AU-B-2017346916  
 (21) 2017346916 (22) 17.10.2017  
 (54) Joint fitting  
 (51) Int. Cl.  
     E04B 1/26 ( 2006.01 )  
     E04B 1/58 ( 2006.01 )  
 (87) WO2018/074489  
 (31) 2016-204720 (32) 18.10.16 (33) JP  
 (43) 26.04.2018  
 (44) 24.11.2022  
 (72) Adachi, Hiroyuki  
 (74) WRAYS PTY LTD

(71) Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.  
 (11) AU-B-2019397903  
 (21) 2019397903 (22) 29.11.2019  
 (54) SOLID FORMULATION OF HERBICID-AL COMPOSITION AND PREPARING METHOD THEREOF  
 (51) Int. Cl.  
     A01N 57/20 ( 2006.01 )  
     A01N 25/22 ( 2006.01 )  
     A01N 43/80 ( 2006.01 )  
     A01P 13/00 ( 2006.01 )  
 (87) WO2020/119480  
 (31) 201811533155.6 (32) 14.12.18 (33) CN  
 (43) 18.06.2020  
 (44) 24.11.2022  
 (72) CHOU, Jingyu; LI, Yang; CUI, Yong; DONG, Guangxin; MI, Shuang; YANG, Jichun; LIU, Changling  
 (74) Madderns Pty Ltd

(71) SHENZHEN FORWARD PHARMACEUTICALS CO., LTD.  
 (11) AU-B-2020255100  
 (21) 2020255100 (22) 30.03.2020  
 (54) N-heteroaromatic amide derivatives for treatment of cancer  
 (51) Int. Cl.  
     C07D 471/04 ( 2006.01 )  
     A61K 31/495 ( 2006.01 )  
     A61K 31/519 ( 2006.01 )  
     A61K 31/53 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
     C07D 403/04 ( 2006.01 )  
     C07D 403/12 ( 2006.01 )  
     C07D 403/14 ( 2006.01 )  
     C07D 473/16 ( 2006.01 )  
     C07D 487/04 ( 2006.01 )  
 (87) WO2020/200158  
 (31) 201910252714.4 (32) 29.03.19 (33) CN  
     201910616031.2 09.07.19 CN  
 (43) 08.10.2020  
 (44) 24.11.2022  
 (72) ZHU, Chenggang; YANG, Xuan; ZHANG, Chaochun; TALLEY, John J.; CHEN, Chaole; BAO, Liming; XU, Li-angliang  
 (74) Phillips Ormonde Fitzpatrick

(71) SICPA HOLDING SA  
 (11) AU-B-2018293774  
 (21) 2018293774 (22) 21.06.2018  
 (54) Optical effect pigment  
 (51) Int. Cl.

C09C 1/00 ( 2006.01 )  
 C09D 11/322 ( 2014.01 )  
 (87) WO2019/002645  
 (31) 17382410.3 (32) 28.06.17 (33) EP  
 (43) 03.01.2019  
 (44) 24.11.2022  
 (72) Ruiz Quevedo, Andres  
 (74) Spruson & Ferguson

(71) Siemens Aktiengesellschaft  
 (11) AU-B-2020218393  
 (21) 2020218393 (22) 23.01.2020  
 (54) Energy system, local energy market and method for operating an energy system  
 (51) Int. Cl.  
     H02J 3/00 ( 2006.01 )  
     H02J 3/14 ( 2006.01 )  
     H02J 3/32 ( 2006.01 )  
 (87) WO2020/160919  
 (31) 10 2019 201 463.1 (32) 05.02.19 (33) DE  
 (43) 13.08.2020  
 (44) 24.11.2022  
 (72) SCHRECK, Sebastian; THIEM, Sebastian  
 (74) Spruson & Ferguson

(71) Siemens Energy Global GmbH & Co. KG  
 (11) AU-B-2020281450  
 (21) 2020281450 (22) 17.04.2020  
 (54) Method and system for examining a fuel cell by means of a cyclic voltammetric measurement  
 (51) Int. Cl.  
     H01M 8/0444 ( 2016.01 )  
     H01M 8/04492 ( 2016.01 )  
     H01M 8/04955 ( 2016.01 )  
     H01M 8/1018 ( 2016.01 )  
 (87) WO2020/239323  
 (31) 19177645.9 (32) 31.05.19 (33) EP  
 (43) 03.12.2020  
 (44) 24.11.2022  
 (72) BRAUNECKER, Michael; REINER, Andreas  
 (74) Spruson & Ferguson

(71) Siemens Mobility, Inc.  
 (11) AU-B-2021201013  
 (21) 2021201013 (22) 17.02.2021  
 (54) Hall sensor fault detection for gate crossing mechanisms  
 (51) Int. Cl.  
     G01R 33/07 ( 2006.01 )  
     G01D 18/00 ( 2006.01 )  
 (31) 16/799,881 (32) 25.02.20 (33) US  
 (43) 09.09.2021  
 (44) 24.11.2022  
 (72) REED, Quinton; SPENCER, Daniel; SOÓS, Norbert  
 (74) Spruson & Ferguson

(71) Siemens Mobility GmbH  
 (11) AU-B-2020249007  
 (21) 2020249007 (22) 28.02.2020  
 (54) Device and method for detecting a wheel moving along a rail  
 (51) Int. Cl.

(51) Int. Cl.  
     B61L 1/16 ( 2006.01 )  
     B61L 25/02 ( 2006.01 )  
     G01B 11/00 ( 2006.01 )  
     G01L 1/24 ( 2006.01 )  
     B61L 29/22 ( 2006.01 )  
 (87) WO2020/193059  
 (31) 10 2019 204 331.3 (32) 28.03.19 (33) DE  
 (43) 01.10.2020  
 (44) 24.11.2022  
 (72) DELMAS, Remy  
 (74) Spruson & Ferguson

(71) Simcharacters GmbH  
 (11) AU-B-2017292892  
 (21) 2017292892 (22) 28.06.2017  
 (54) Patient simulator  
 (51) Int. Cl.  
     G09B 23/28 ( 2006.01 )  
     A63H 3/36 ( 2006.01 )  
     A63H 13/00 ( 2006.01 )  
 (87) WO2018/006107  
 (31) A 317/2016 (32) 05.07.16 (33) AT  
 (43) 11.01.2018  
 (44) 24.11.2022  
 (72) Schwindt, Jens Christian; Unger, Ewald; Haller, Michael; Nepomucky, Tanja; Schmoll, Martin  
 (74) Phillips Ormonde Fitzpatrick

(71) SITA Information Networking Computing USA, Inc.  
 (11) AU-B-2018248740  
 (21) 2018248740 (22) 05.04.2018  
 (54) Article tracking system and method  
 (51) Int. Cl.  
     G01S 5/14 ( 2006.01 )  
     G06Q 10/08 ( 2012.01 )  
 (87) WO2018/185700  
 (31) 15/481,714 (32) 07.04.17 (33) US  
 (43) 11.10.2018  
 (44) 24.11.2022  
 (72) Malinofsky, Andrew Eric  
 (74) Griffith Hack

(71) Sleep Number Corporation  
 (11) AU-B-2017359304  
 (21) 2017359304 (22) 08.11.2017  
 (54) Bed with magnetic couplers  
 (51) Int. Cl.  
     A47C 31/00 ( 2006.01 )  
     A47C 21/02 ( 2006.01 )  
 (87) WO2018/089464  
 (31) 15/347,572 (32) 09.11.16 (33) US  
 (43) 17.05.2018  
 (44) 24.11.2022  
 (72) Peterson, Craig; Grey, Dominic; Ingham, Jeff; Shakal, Anthony John  
 (74) Spruson & Ferguson

(71) Societe des Produits Nestle S.A.  
 (11) AU-B-2018227923  
 (21) 2018227923 (22) 27.02.2018  
 (54) Methods and devices using swallowing accelerometry signals for swallowing impairment detection  
 (51) Int. Cl.



Applications Accepted - Name Index cont'd

**A61B 5/00** ( 2006.01 )  
**(87)** WO2018/158218  
**(31)** 62/464849 **(32)** 28.02.17 **(33)** US  
**(43)** 07.09.2018  
**(44)** 24.11.2022  
**(72)** Pölönen, Harri; Pajula, Juha  
**(74)** Spruson & Ferguson

**(71)** Socure Inc.  
**(11)** AU-B-2021204286  
**(21)** 2021204286 **(22)** 24.06.2021  
**(54)** Risk assessment using social network-  
 ing data  
**(51)** Int. Cl.  
**G06Q 99/00** ( 2006.01 )  
**(43)** 22.07.2021  
**(44)** 24.11.2022  
**(62)** 2019250145  
**(72)** MADHU, Sunil; PALLOTTI, Giacomo;  
 ROMANO, Edward J.; CHAVEZ, Alex-  
 ander K.  
**(74)** FB Rice Pty Ltd

**(71)** Soletanche Freyssinet  
**(11)** AU-B-2016405888  
**(21)** 2016405888 **(22)** 10.05.2016  
**(54)** An improved reinforcement apparatus  
 for reinforcing a structure comprising a  
 pier and a cross- beam  
**(51)** Int. Cl.  
**E01D 22/00** ( 2006.01 )  
**(87)** WO2017/194986  
**(43)** 16.11.2017  
**(44)** 24.11.2022  
**(72)** Cousin, Boris; Bottomley, Paul Arthur  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Sony Corporation  
**(11)** AU-B-2018371372  
**(21)** 2018371372 **(22)** 12.11.2018  
**(54)** Image processing device and method  
**(51)** Int. Cl.  
**H04N 19/60** ( 2014.01 )  
**H04N 19/12** ( 2014.01 )  
**H04N 19/426** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**(87)** WO2019/102889  
**(31)** 2017-226062 **(32)** 24.11.17 **(33)** JP  
**(43)** 31.05.2019  
**(44)** 24.11.2022  
**(72)** TSUKUBA, Takeshi  
**(74)** Spruson & Ferguson

**(71)** Sony Corporation  
**(11)** AU-B-2021203450  
**(21)** 2021203450 **(22)** 27.05.2021  
**(54)** Encoding device and encoding meth-  
 od, and decoding device and decoding  
 method  
**(51)** Int. Cl.  
**H04N 13/00** ( 2018.01 )  
**H04N 13/20** ( 2018.01 )  
**H04N 19/597** ( 2014.01 )  
**(43)** 24.06.2021

**(44)** 24.11.2022  
**(62)** 2016352648  
**(72)** JUNICHI, Tanaka  
**(74)** Spruson & Ferguson

**(71)** Sony Group Corporation  
**(11)** AU-B-2019369543  
**(21)** 2019369543 **(22)** 18.10.2019  
**(54)** Image processing device and image  
 processing method  
**(51)** Int. Cl.  
**H04N 19/82** ( 2014.01 )  
**H04N 19/86** ( 2014.01 )  
**(87)** WO2020/090515  
**(31)** 2018-207495 **(32)** 02.11.18 **(33)** JP  
**(43)** 07.05.2020  
**(44)** 24.11.2022  
**(72)** IKEDA, Masaru  
**(74)** Spruson & Ferguson

**(71)** Soochow University  
**(11)** AU-B-2020356808  
**(21)** 2020356808 **(22)** 16.07.2020  
**(54)** Terpolymer based on 2,5-bis(2-  
 thienyl)thiazolo[5,4-d]thiazolyl  
**(51)** Int. Cl.  
**C09K 3/00** ( 2006.01 )  
**(87)** WO2021/077815  
**(31)** 201911012216.9 **(32)** 23.10.19 **(33)** CN  
**(43)** 13.05.2021  
**(44)** 24.11.2022  
**(72)** ZHANG, Maojie; WU, Jingnan; GUO,  
 Xia  
**(74)** WRAYS PTY LTD

**(71)** SPCM SA  
**(11)** AU-B-2021248519  
**(21)** 2021248519 **(22)** 23.03.2021  
**(54)** Process for the preparation of polyac-  
 rylamides using an eco-friendly lubric-  
 ant composition  
**(51)** Int. Cl.  
**C08F 220/34** ( 2006.01 )  
**C08F 2/00** ( 2006.01 )  
**C08F 220/56** ( 2006.01 )  
**(87)** WO2021/197938  
**(31)** 202010251862.7 **(32)** 01.04.20 **(33)** CN  
**(43)** 07.10.2021  
**(44)** 24.11.2022  
**(72)** FAVERO, Cédric; BESSENET, Thi-  
 erry; DAGUERRE, Frédéric; LING, Jing;  
 BOISSE, Nicolas  
**(74)** James & Wells Intellectual Property

**(71)** Spirox, Inc.  
**(11)** AU-B-2017328874  
**(21)** 2017328874 **(22)** 15.09.2017  
**(54)** Diagnostic tool and methods of use  
**(51)** Int. Cl.  
**A61B 5/083** ( 2006.01 )  
**(87)** WO2018/053297  
**(31)** 62/395,936 **(32)** 16.09.16 **(33)** US  
**(43)** 22.03.2018  
**(44)** 24.11.2022  
**(72)** Baron, Scott J.; Rosenthal, Michael H.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Steeper Energy Aps  
**(11)** AU-B-2018232572  
**(21)** 2018232572 **(22)** 06.03.2018  
**(54)** Heating and cooling system for a high  
 pressure processing system  
**(51)** Int. Cl.  
**C10J 3/78** ( 2006.01 )  
**C10G 3/00** ( 2006.01 )  
**(87)** WO2018/162462  
**(31)** PA 2017 00160 **(32)** 07.03.17 **(33)** DK  
**(43)** 13.09.2018  
**(44)** 24.11.2022  
**(72)** Iversen, Steen Brummerstedt; Ironside,  
 Andrew; Jensen, Claus Uhrenholt  
**(74)** Pizzey's Patent and Trade Mark Attor-  
 neys Pty Ltd

**Stowell, G. see Webb, A.**  
**(21)** 2022202255

**(71)** Sumitomo Pharma Co., Ltd.  
**(11)** AU-B-2019239481  
**(21)** 2019239481 **(22)** 19.03.2019  
**(54)** Dihydrochromene derivative  
**(51)** Int. Cl.  
**C07D 491/20** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/181939  
**(31)** 2018-052971 **(32)** 20.03.18 **(33)** JP  
**(43)** 26.09.2019  
**(44)** 24.11.2022  
**(72)** BAN, Hitoshi; KAMIOKA, Seiji;  
 SAWAYAMA, Yusuke; HASHIZUME,  
 Miki  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SuperSonic Imagine  
**(11)** AU-B-2021232671  
**(21)** 2021232671 **(22)** 14.09.2021  
**(54)** METHOD AND SYSTEM FOR COM-  
 PENSATING DEPTH-DEPENDENT AT-  
 TENUATION IN ULTRASONIC SIGNAL  
 DATA  
**(51)** Int. Cl.  
**G01S 7/527** ( 2006.01 )  
**G01H 3/08** ( 2006.01 )  
**G01S 3/86** ( 2006.01 )  
**G01S 15/04** ( 2006.01 )  
**(31)** 20315466.1 **(32)** 25.11.20 **(33)** EP  
**(43)** 09.06.2022  
**(44)** 24.11.2022  
**(72)** Fraschini, Christophe; Zhang, Bo  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Syngenta Participations AG  
**(11)** AU-B-2016355682  
**(21)** 2016355682 **(22)** 17.11.2016  
**(54)** Haploid induction compositions and  
 methods for use therefor  
**(51)** Int. Cl.  
**C12N 1/34** ( 2006.01 )  
**C12N 5/04** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2017/087682  
**(31)** 62/300,507 **(32)** 26.02.16 **(33)** US  
 62/256,902 18.11.15 US

Applications Accepted - Name Index cont'd

(43) 26.05.2017  
 (44) 24.11.2022  
 (72) Kelliher, Timothy Joseph; Delzer, Brent; Chintamanani, Satya; Skibbe, David Stewart; Chen, Zhongying; Starr, Dakota; Wendeborn, Sebastian; Fowler, Jeffrey David; Ledson, Timothy Mark  
 (74) Davies Collison Cave Pty Ltd

(71) Takeda GmbH; Takeda Pharmaceutical Company Limited  
 (11) AU-B-2021225156  
 (21) 2021225156 (22) 31.08.2021  
 (54) UTI fusion proteins  
 (51) Int. Cl.  
*C07K 14/81* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )

(43) 30.09.2021  
 (44) 24.11.2022  
 (62) 2019204448  
 (72) CHAMBERLAIN, Aaron; LIU, Qiang; SCHMIDT, Mathias  
 (74) Griffith Hack

(71) Takeda Pharmaceutical Company Limited  
 (11) AU-B-2016340826  
 (21) 2016340826 (22) 19.10.2016  
 (54) Immunoassay to detect cleaved high molecular weight kininogen  
 (51) Int. Cl.  
*G01N 33/68* ( 2006.01 )  
*G01N 33/86* ( 2006.01 )  
 (87) WO2017/070170  
 (31) 62/243,505 (32) 19.10.15 (33) US  
 62/335,311 12.05.16 US

(43) 27.04.2017  
 (44) 24.11.2022  
 (72) Sexton, Daniel J.; Faucette, Ryan; Co-sic, Janja  
 (74) Spruson & Ferguson

**Takeda Pharmaceutical Company Limited see Myovant Sciences GmbH**  
 (21) 2017334035

**Takeda Pharmaceutical Company Limited see Takeda GmbH**  
 (21) 2021225156

(71) Takeda Vaccines, Inc.  
 (11) AU-B-2020294216  
 (21) 2020294216 (22) 22.12.2020  
 (54) Methods of detection and removal of rhabdoviruses from cell lines  
 (51) Int. Cl.  
*C12N 15/47* ( 2006.01 )  
 (43) 28.01.2021  
 (44) 24.11.2022  
 (62) 2014329403  
 (72) Haynes, Joel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Tata Consultancy Services Limited  
 (11) AU-B-2021245099  
 (21) 2021245099 (22) 05.10.2021  
 (54) FINE-GRAINED CLASSIFICATION OF RETAIL PRODUCTS  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*G06N 3/00* ( 2006.01 )  
*G06Q 30/00* ( 2012.01 )  
*G06T 7/00* ( 2017.01 )  
 (31) 202021044605 (32) 13.10.20 (33) IN  
 (43) 28.04.2022  
 (44) 24.11.2022  
 (72) SHAW, Avishek Kumar; RAO, Shilpa Yadukumar; HARI, Pranoy; MUKHERJEE, Dipti Prasad; SANTRA, Bikash  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Technology In Ariscale, LLC; Ariscale Inc  
 (11) AU-B-2019342135  
 (21) 2019342135 (22) 19.09.2019  
 (54) Channel state information reference signal  
 (51) Int. Cl.  
*H04B 7/06* ( 2006.01 )  
*H04B 7/0417* ( 2017.01 )  
*H04L 5/00* ( 2006.01 )  
*H04W 24/10* ( 2009.01 )  
 (87) WO2020/061361  
 (31) 62/734,902 (32) 21.09.18 (33) US  
 (43) 26.03.2020  
 (44) 24.11.2022  
 (72) CHO, Choong Won; PARK, Jeonghwan  
 (74) Adams Pluck

(71) TEGA Therapeutics, Inc.  
 (11) AU-B-2016369595  
 (21) 2016369595 (22) 16.12.2016  
 (54) Cellular glycosaminoglycan compositions and methods of making and using  
 (51) Int. Cl.  
*A61K 31/726* ( 2006.01 )  
*A61K 31/727* ( 2006.01 )  
*A61K 31/728* ( 2006.01 )  
*A61K 31/737* ( 2006.01 )  
*C08B 37/00* ( 2006.01 )  
 (87) WO2017/106782  
 (31) 62/269,879 (32) 18.12.15 (33) US  
 (43) 22.06.2017  
 (44) 24.11.2022  
 (72) Glass, Charles; Thacker, Bryan; Esko, Jeffrey  
 (74) FB Rice Pty Ltd

(71) TEGA Therapeutics, Inc.  
 (11) AU-B-2016369595  
 (21) 2016369595 (22) 16.12.2016  
 (54) Cellular glycosaminoglycan compositions and methods of making and using  
 (51) Int. Cl.  
*A61K 31/726* ( 2006.01 )  
*A61K 31/727* ( 2006.01 )  
*A61K 31/728* ( 2006.01 )  
*A61K 31/737* ( 2006.01 )  
*C08B 37/00* ( 2006.01 )  
 (87) WO2017/106782  
 (31) 62/269,879 (32) 18.12.15 (33) US  
 (43) 22.06.2017  
 (44) 24.11.2022  
 (72) Glass, Charles; Thacker, Bryan; Esko, Jeffrey  
 (74) FB Rice Pty Ltd

(71) TEGA Therapeutics, Inc.  
 (11) AU-B-2016369595  
 (21) 2016369595 (22) 16.12.2016  
 (54) Cellular glycosaminoglycan compositions and methods of making and using  
 (51) Int. Cl.  
*A61K 31/726* ( 2006.01 )  
*A61K 31/727* ( 2006.01 )  
*A61K 31/728* ( 2006.01 )  
*A61K 31/737* ( 2006.01 )  
*C08B 37/00* ( 2006.01 )  
 (87) WO2017/106782  
 (31) 62/269,879 (32) 18.12.15 (33) US  
 (43) 22.06.2017  
 (44) 24.11.2022  
 (72) Glass, Charles; Thacker, Bryan; Esko, Jeffrey  
 (74) FB Rice Pty Ltd

(71) Tekion Corp  
 (11) AU-B-2021256041  
 (21) 2021256041 (22) 15.04.2021  
 (54) Document sharing with annotations  
 (51) Int. Cl.  
*G06F 3/00* ( 2006.01 )  
 (87) WO2021/211875  
 (31) 63/010,657 (32) 15.04.20 (33) US  
 (43) 21.10.2021

(44) 24.11.2022  
 (72) SAHGAL, Abhinandan; HOU, Justin Alexander Chi-Young; GUPTA, Gaurav; THOMAS, Nirmal Sajo  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2019347688  
 (21) 2019347688 (22) 19.09.2019  
 (54) Wireless device positioning  
 (51) Int. Cl.  
*G01S 5/02* ( 2010.01 )  
*H04B 7/06* ( 2006.01 )  
*H04L 5/00* ( 2006.01 )  
 (87) WO2020/067964  
 (31) 62/737,058 (32) 26.09.18 (33) US  
 (43) 02.04.2020  
 (44) 24.11.2022  
 (72) BUSIN, Åke; SIOMINA, Iana; MODARRES RAZAVI, Sara; SHREEVASTAV, Ritesh; SHRESTHA, Deep; GUNNARSSON, Fredrik  
 (74) FB Rice Pty Ltd

(71) Thales Management & Services Deutschland GmbH  
 (11) AU-B-2018335857  
 (21) 2018335857 (22) 21.09.2018  
 (54) Method for mounting a rail monitoring element  
 (51) Int. Cl.  
*B61L 1/06* ( 2006.01 )  
*B61L 1/16* ( 2006.01 )  
 (87) WO2019/057875  
 (31) 10 2017 216 811.0 (32) 22.09.17 (33) DE  
 (43) 28.03.2019  
 (44) 24.11.2022  
 (72) SCHICKER, Kai; HOFFMANN, Lars  
 (74) Davies Collison Cave Pty Ltd

(71) Thales Management & Services Deutschland GmbH  
 (11) AU-B-2019249938  
 (21) 2019249938 (22) 05.04.2019  
 (54) Train traffic control system and method for carrying out safety critical operations within a train traffic control system  
 (51) Int. Cl.  
*B61L 19/06* ( 2006.01 )  
*B61L 21/06* ( 2006.01 )  
*B61L 27/00* ( 2006.01 )  
*B61L 25/06* ( 2006.01 )  
 (87) WO2019/193145  
 (31) 10 2018 205 235.2 (32) 06.04.18 (33) DE  
 18166202.4 06.04.18 EP  
 (43) 10.10.2019  
 (44) 24.11.2022  
 (72) SCHÄFER, Michael; SCHULDES, Klaus Michael  
 (74) Davies Collison Cave Pty Ltd

(71) The Beachwaver Co.  
 (11) AU-B-2018441457  
 (21) 2018441457 (22) 08.10.2018  
 (54) Digitally controlled hair dryer  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**A45D 20/12** ( 2006.01 )  
**A45D 20/10** ( 2006.01 )  
**A45D 20/30** ( 2006.01 )  
**(87)** WO2020/055436  
**(31)** 16/128,606 **(32)** 12.09.18 **(33)** US  
**(43)** 19.03.2020  
**(44)** 24.11.2022  
**(72)** POTEMPA-WALL, Erin A.; KENNEDY, Sarah J.; ALANIS, Luis Eduardo; LOPEZ, Manuel Besnier  
**(74)** AJ PARK

---

**(71)** The Boeing Company  
**(11)** AU-B-2018214040  
**(21)** 2018214040 **(22)** 08.08.2018  
**(54)** Commercial satellite operations with secure enclave for payload operations  
**(51)** Int. Cl.  
**H04B 7/00** ( 2006.01 )  
**H04B 7/185** ( 2006.01 )  
**(31)** 15/724,125 **(32)** 03.10.17 **(33)** US  
**(43)** 18.04.2019  
**(44)** 24.11.2022  
**(72)** WINIG, Robert J.; CHEN, Yi-Feng James  
**(74)** Spruson & Ferguson

---

**(71)** The Regents of the University of California  
**(11)** AU-B-2017292929  
**(21)** 2017292929 **(22)** 07.07.2017  
**(54)** Implants using ultrasonic backscatter for detecting electrophysiological signals  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2018/009910  
**(31)** 62/359,672 **(32)** 07.07.16 **(33)** US  
**(43)** 11.01.2018  
**(44)** 24.11.2022  
**(72)** Maharbiz, Michel M.; Seo, Dongjin; Shen, Konlin; Carmena, Jose M.; Neely, Ryan; Alon, Elad; Rabaey, Jan  
**(74)** Davies Collison Cave Pty Ltd

---

**The Regents of the University of California see California Institute of Technology**  
**(21)** 2019310595

---

**(71)** The Reliable Automatic Sprinkler Co. Inc.  
**(11)** AU-B-2021204189  
**(21)** 2021204189 **(22)** 21.06.2021  
**(54)** Dry sprinkler  
**(51)** Int. Cl.  
**A62C 37/10** ( 2006.01 )  
**A62C 3/00** ( 2006.01 )  
**A62C 35/58** ( 2006.01 )  
**A62C 35/62** ( 2006.01 )  
**A62C 37/08** ( 2006.01 )  
**A62C 37/14** ( 2006.01 )  
**(43)** 15.07.2021  
**(44)** 24.11.2022  
**(62)** 2019213439  
**(72)** Polan, George  
**(74)** FB Rice Pty Ltd

**(71)** THE SCRIPPS RESEARCH INSTITUTE  
**(11)** AU-B-2021201062  
**(21)** 2021201062 **(22)** 18.02.2021  
**(54)** Sulfur(VI) fluoride compounds and methods for the preparation thereof  
**(51)** Int. Cl.  
**C07C 305/26** ( 2006.01 )  
**A61K 31/10** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**(43)** 11.03.2021  
**(44)** 24.11.2022  
**(62)** 2015269198  
**(72)** DONG, Jiajia; SHARPLESS, K. Barry; KELLY, Jeffery W.; BARANCZAK, Aleksandra; CHEN, Wentao  
**(74)** Griffith Hack

---

**(71)** The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
**(11)** AU-B-2020203908  
**(21)** 2020203908 **(22)** 12.06.2020  
**(54)** Consensus prostate antigens nucleic acid molecule encoding the same and vaccine and uses comprising the same  
**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )  
**(43)** 02.07.2020  
**(44)** 24.11.2022  
**(62)** 2018200542  
**(72)** Weiner, David B.; Yan, Jian; Ferraro, Bernadette; Sardesai, Niranjana Y.; Ramanathan, Mathura P.  
**(74)** FB Rice Pty Ltd

---

**(71)** The Trustees of the University of Pennsylvania; Novartis AG  
**(11)** AU-B-2021203547  
**(21)** 2021203547 **(22)** 01.06.2021  
**(54)** Human mesothelin chimeric antigen receptors and uses thereof  
**(51)** Int. Cl.  
**C12N 15/62** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**(43)** 01.07.2021  
**(44)** 24.11.2022  
**(62)** 2014366047  
**(72)** Beatty, Gregory; Engels, Boris; Idam-akanti, Neeraja; June, Carl H.; Loew, Andreas; Song, Huijuan; Wu, Qilong  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** The United States of America, as represented by the Secretary, Department of Health & Human Services  
**(11)** AU-B-2021201468  
**(21)** 2021201468 **(22)** 08.03.2021  
**(54)** PREFUSION RSV F PROTEINS AND THEIR USE  
**(51)** Int. Cl.  
**C07K 14/135** ( 2006.01 )

**A61K 38/10** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/155** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 15/45** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**(43)** 25.03.2021  
**(44)** 24.11.2022  
**(62)** 2018282476  
**(72)** Kwong, Peter D.; Zhou, Tongqing; Yang, Yongping; Chuang, Gwo-yu; Chen, Lei; Boyington, Jeffrey; Pancera, Marie; Soto, Cinque; Srivatsan, Sanjay; Stewart-Jones, Guillaume; Graham, Barney S.; McLellan, Jason S.; Joyce, Michael Gordon; Kanekiyo, Masaru; Zhang, Baoshan; Ofek, Gilad; Sastry, Mallika; Chen, Man; Gorman, Jason; Georgiev, Ivelin Stefanov  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** The University of Queensland  
**(11)** AU-B-2018359018  
**(21)** 2018359018 **(22)** 02.11.2018  
**(54)** Peptide antibiotics  
**(51)** Int. Cl.  
**C07K 7/62** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2019/084628  
**(31)** 2017904465 **(32)** 02.11.17 **(33)** AU  
**(43)** 09.05.2019  
**(44)** 24.11.2022  
**(72)** COOPER, Matthew; BLASKOVICH, Mark; GALLARDO-GODOY, Alejandra; HANSFORD, Karl; ELLIOTT, Alysha; MULDOON, Craig; BECKER, Bernd  
**(74)** Spruson & Ferguson

---

**(71)** The University of Sydney  
**(11)** AU-B-2019273119  
**(21)** 2019273119 **(22)** 22.05.2019  
**(54)** New synthetic methods using native chemical ligation in flow  
**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**C07C 323/25** ( 2006.01 )  
**C07C 323/36** ( 2006.01 )  
**C07C 327/22** ( 2006.01 )  
**C07C 391/02** ( 2006.01 )  
**C07K 1/08** ( 2006.01 )  
**(87)** WO2019/222805  
**(31)** 2018901799 **(32)** 22.05.18 **(33)** AU  
**(43)** 28.11.2019  
**(44)** 24.11.2022  
**(72)** PAYNE, Richard J.; CHISHOLM, Tim  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** The University of Sydney  
**(11)** AU-B-2019329933  
**(21)** 2019329933 **(22)** 30.08.2019  
**(54)** Fibre forming process  
**(51)** Int. Cl.  
**G02B 6/02** ( 2006.01 )  
**D02J 1/22** ( 2006.01 )  
**(87)** WO2020/041838  
**(31)** 2018903222 **(32)** 31.08.18 **(33)** AU  
**(43)** 05.03.2020

Applications Accepted - Name Index cont'd

(44) 24.11.2022  
 (72) LWIN, Richard; FLEMING, Simon Charles; STEFANI, Alessio; KAYSIR, Md Rejvi  
 (74) FPA Patent Attorneys Pty Ltd

(71) Thomson Reuters Enterprise Centre GmbH  
 (11) AU-B-2019389172  
 (21) 2019389172 (22) 02.12.2019  
 (54) Systems and methods for identifying an event in data  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06F 16/30* ( 2019.01 )  
 (87) WO2020/113225  
 (31) 62/773,502 (32) 30.11.18 (33) US  
 (43) 04.06.2020  
 (44) 24.11.2022  
 (72) EKMEKCI, Berk; HAGERMAN, Eleanor; HOWALD, Blake  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Tonix Pharma Holdings Limited  
 (11) AU-B-2020289838  
 (21) 2020289838 (22) 17.12.2020  
 (54) Eutectic formulations of Cyclobenzaprine hydrochloride  
 (51) Int. Cl.  
*A61K 31/135* ( 2006.01 )  
*A61K 31/047* ( 2006.01 )  
*A61P 21/02* ( 2006.01 )  
 (43) 28.01.2021  
 (44) 24.11.2022  
 (62) 2015317336  
 (72) Nebuloni, Marino; Lederman, Seth  
 (74) Spruson & Ferguson

**Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
 (21) 2020216226

(71) Translate Bio, Inc.  
 (11) AU-B-2016338559  
 (21) 2016338559 (22) 14.10.2016  
 (54) Modification of RNA-related enzymes for enhanced production  
 (51) Int. Cl.  
*C12N 9/12* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2017/066573  
 (31) 62/241,350 (32) 14.10.15 (33) US  
 (43) 20.04.2017  
 (44) 24.11.2022  
 (72) Strack-Logue, Bettina; Derosa, Frank; Heartlein, Michael  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Trespa International B.V.  
 (11) AU-B-2021204747  
 (21) 2021204747 (22) 07.07.2021  
 (54) A DECORATIVE PANEL  
 (51) Int. Cl.  
*B32B 29/00* ( 2006.01 )

*B32B 3/30* ( 2006.01 )  
*B44C 5/04* ( 2006.01 )  
*G06K 19/06* ( 2006.01 )  
 (43) 05.08.2021  
 (44) 24.11.2022  
 (62) 2016377226  
 (72) Kjellander, Birgitta Katarina Charlotte; Hodgson-Stokx, Marcelle  
 (74) AJ PARK

(71) Trio Healthcare Limited  
 (11) AU-B-2020251304  
 (21) 2020251304 (22) 10.03.2020  
 (54) Screen printing apparatus and method  
 (51) Int. Cl.  
*B41F 15/08* ( 2006.01 )  
*A61F 5/443* ( 2006.01 )  
*A61L 24/00* ( 2006.01 )  
*B41M 1/12* ( 2006.01 )  
 (87) WO2020/201690  
 (31) 1904400.7 (32) 29.03.19 (33) GB  
 (43) 08.10.2020  
 (44) 24.11.2022  
 (72) PEARCE, Lloyd; LEE, Stewart  
 (74) Griffith Hack

(71) Tritana Intellectual Property Ltd.  
 (11) AU-B-2022203272  
 (21) 2022203272 (22) 16.05.2022  
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM  
 (51) Int. Cl.  
*A01D 41/12* ( 2006.01 )  
*A01D 75/00* ( 2006.01 )  
*A01F 12/42* ( 2006.01 )  
*A01F 12/44* ( 2006.01 )  
 (43) 02.06.2022  
 (44) 24.11.2022  
 (62) 2021200395  
 (72) Mayerle, Dean  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) True Manufacturing Co., Inc.  
 (11) AU-B-2021200278  
 (21) 2021200278 (22) 18.01.2021  
 (54) Ice maker  
 (51) Int. Cl.  
*F25C 1/25* ( 2018.01 )  
*F25C 1/00* ( 2006.01 )  
 (31) 16/746,838 (32) 18.01.20 (33) US  
 (43) 05.08.2021  
 (44) 24.11.2022  
 (72) KNATT, Kevin; CAYEMBERG, Curt  
 (74) Spruson & Ferguson

**Tsen, P. see Hwang, Y.**  
 (21) 2019441003

**Unigen, Inc. see Unigen, Inc.**  
 (21) 2020201457

(71) Unigen, Inc.; Unigen, Inc.  
 (11) AU-B-2020201457  
 (21) 2020201457 (22) 28.02.2020

(54) Compositions and methods for managing or improving bone disorders, cartilage disorders, or both  
 (51) Int. Cl.  
*A61K 36/605* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 31/7034* ( 2006.01 )  
*A61K 36/48* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )

(43) 19.03.2020  
 (44) 24.11.2022  
 (62) 2018203795  
 (72) BROWNELL, Lidia Alfaro; CHU, Min; HONG, Mei-Feng; HYUN, Eu-Jin; JIA, Qi; JIAO, Ping; KIM, Hyun-Jin; KIM, Tae-Woo; LEE, Young-Chul; NAM, Jeong-Bum; YIMAN, Mesfin; KIM, Mi-Ran  
 (74) Spruson & Ferguson

(71) Unitika Ltd.  
 (11) AU-B-2019351386  
 (21) 2019351386 (22) 26.09.2019  
 (54) Method for thermal molding of fiber product  
 (51) Int. Cl.  
*D01F 8/14* ( 2006.01 )  
*D03D 15/00* ( 2006.01 )  
*D04B 1/16* ( 2006.01 )  
*D04B 21/16* ( 2006.01 )  
*D04C 1/02* ( 2006.01 )  
*D04C 1/06* ( 2006.01 )  
*D04C 1/12* ( 2006.01 )  
 (87) WO2020/067285  
 (31) 2018-186181 (32) 29.09.18 (33) JP  
 (43) 02.04.2020  
 (44) 24.11.2022  
 (72) IKEDA, Kohei; HONDA, Mariko; MIZUNO, Yuta; IKEGAMI, Shohei  
 (74) Davies Collison Cave Pty Ltd

(71) Universität Heidelberg  
 (11) AU-B-2019219057  
 (21) 2019219057 (22) 06.02.2019  
 (54) FAP inhibitor  
 (51) Int. Cl.  
*C07D 401/12* ( 2006.01 )  
*A61K 31/4709* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
 (87) WO2019/154886  
 (31) 18155420.5 (32) 06.02.18 (33) EP  
 18155419.7 06.02.18 EP  
 18199641.4 10.10.18 EP  
 (43) 15.08.2019  
 (44) 24.11.2022  
 (72) HABERKORN, Uwe; LOKTEV, Anastasia; LINDNER, Thomas; MIER, Walter; GIESEL, Frederik; KRATOCHWIL, Clemens  
 (74) Spruson & Ferguson

**Universite de Lille see INSERM (Institut National de la Santé et de la Recherche Médicale)**  
 (21) 2018304910

Applications Accepted - Name Index cont'd

Universite de Lorraine see INSERM (Institut National de la Santé et de la Recherche Médicale)  
(21) 2018304910

(71) UOP LLC  
(11) AU-B-2019325574  
(21) 2019325574 (22) 22.08.2019  
(54) Reducing peak compositions in regeneration gas for swing adsorption processes

(51) Int. Cl.  
**B01D 15/00** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
**C10L 3/10** ( 2006.01 )  
(87) WO2020/041560  
(31) 16/110,292 (32) 23.08.18 (33) US  
(43) 27.02.2020  
(44) 24.11.2022  
(72) DOONG, Shain-Jer  
(74) FPA Patent Attorneys Pty Ltd

(71) VEMAG Maschinenbau GmbH  
(11) AU-B-2017204498  
(21) 2017204498 (22) 30.06.2017  
(54) Apparatuses and methods of orienting sausages (natural casing sorter)

(51) Int. Cl.  
**B65G 47/24** ( 2006.01 )  
(31) 102016114731.1 (32) 09.08.16 (33) DE  
(43) 01.03.2018  
(44) 24.11.2022  
(72) KNODEL, Peter; THELEN, Christoph; MEININGER, Thorsten  
(74) Spruson & Ferguson

(71) Ventana Medical Systems, Inc.  
(11) AU-B-2016349644  
(21) 2016349644 (22) 07.11.2016  
(54) Representative diagnostics

(51) Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 1/34** ( 2006.01 )  
**G01N 1/36** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
(87) WO2017/079763  
(31) 62/418,146 (32) 04.11.16 (33) US  
62/252,153 06.11.15 US  
62/279,405 15.01.16 US  
62/354,622 24.06.16 US  
(43) 11.05.2017  
(44) 24.11.2022  
(72) Alexander, Nelson; Barhoumi, Aoune; Day, Melinda; Gallegos, Lisa; Leith, Katherine; Rajkovich, Samantha; Roberts, Esteban; Stanislaw, Stacey; Walk, Eric  
(74) Spruson & Ferguson

(71) View, Inc.  
(11) AU-B-2021200729  
(21) 2021200729 (22) 04.02.2021  
(54) Defect-mitigation layers in electrochromic devices

(51) Int. Cl.  
**G02F 1/15** ( 2019.01 )  
(43) 04.03.2021  
(44) 24.11.2022  
(62) 2018267645  
(72) KAILASAM, Sridhar K.; FRIEDMAN, Robin; GILLASPIE, Dane; PRADHAN, Anshu A.; ROZBICKI, Robert T.; MEHTANI, Disha  
(74) Spruson & Ferguson

(71) Visa International Service Association  
(11) AU-B-2021215207  
(21) 2021215207 (22) 12.08.2021  
(54) Mid-range reader interactions

(51) Int. Cl.  
**H04W 4/00** ( 2018.01 )  
**G06K 17/00** ( 2006.01 )  
**H04W 4/06** ( 2009.01 )  
**H04W 12/06** ( 2021.01 )  
(43) 02.09.2021  
(44) 24.11.2022  
(62) 2017228450  
(72) Jin, Jing; Bellenger, Thomas; Aabye, Christian; Carroll, Bryan  
(74) FPA Patent Attorneys Pty Ltd

Visy R & D Pty Ltd see Mercer Stainless Limited  
(21) 2017204053

(71) Vivo Mobile Communication Co.,Ltd.  
(11) AU-B-2020214490  
(21) 2020214490 (22) 22.01.2020  
(54) Information Transmission Method, Information Detection Method, Terminal Device, and Network Device

(51) Int. Cl.  
**H04W 72/12** ( 2009.01 )  
**H04W 74/00** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
(87) WO2020/156428  
(31) 201910093607.1 (32) 30.01.19 (33) CN  
(43) 06.08.2020  
(44) 24.11.2022  
(72) MO, Yitao; WU, Yumin  
(74) Adams Pluck

(71) V-Shapes S.r.l.  
(11) AU-B-2018400833  
(21) 2018400833 (22) 13.08.2018  
(54) Apparatus and method for producing a sealed single-dose break-open package

(51) Int. Cl.  
**B65D 75/58** ( 2006.01 )  
**B65B 9/02** ( 2006.01 )  
(87) WO2019/138434  
(31) 102017000149752 (32) 09.01.18 (33) IT  
(43) 18.07.2019  
(44) 24.11.2022  
(72) GUSTVASSON, Erland Jesper  
(74) FB Rice Pty Ltd

(21) 2019445653 (22) 10.05.2019  
(54) Constraining mechanisms for selective deployment and associated methods

(51) Int. Cl.  
**A61F 2/97** ( 2013.01 )  
**D04B 21/00** ( 2006.01 )  
(87) WO2020/231390  
(43) 19.11.2020  
(44) 24.11.2022  
(72) SKELTON, Tyson J.  
(74) Griffith Hack

(71) Watanabe Oyster Laboratory, Co., Ltd.  
(11) AU-B-2019320175  
(21) 2019320175 (22) 25.07.2019  
(54) Method for generating 3,5-dihydroxy-4-methoxybenzyl alcohol from plankton

(51) Int. Cl.  
**C12P 7/22** ( 2006.01 )  
**C09K 15/08** ( 2006.01 )  
**C12N 1/00** ( 2006.01 )  
**C12N 1/12** ( 2006.01 )  
(87) WO2020/031720  
(31) 2018-148628 (32) 07.08.18 (33) JP  
2019-053147 20.03.19 JP  
(43) 13.02.2020  
(44) 24.11.2022  
(72) WATANABE, Mitsugu  
(74) Spruson & Ferguson

(71) Waymo LLC  
(11) AU-B-2021204033  
(21) 2021204033 (22) 17.06.2021  
(54) PCB OPTICAL ISOLATION BY NONUNIFORM CATCH PAD STACK

(51) Int. Cl.  
**H05K 1/11** ( 2006.01 )  
**G01S 17/89** ( 2020.01 )  
(43) 08.07.2021  
(44) 24.11.2022  
(62) 2018279893  
(72) Tazzoli, Augusto; Gassend, Blaise  
(74) RnB IP Pty Ltd

(71) Weatherford Technology Holdings, LLC  
(11) AU-B-2021201817  
(21) 2021201817 (22) 23.03.2021  
(54) MODULAR TOP DRIVE SYSTEM

(51) Int. Cl.  
**E21B 19/16** ( 2006.01 )  
**E21B 3/02** ( 2006.01 )  
(43) 22.04.2021  
(44) 24.11.2022  
(62) 2016211732  
(72) Helms, Martin; Liess, Martin  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Webb, A.; Stowell, G.  
(11) AU-B-2022202255  
(21) 2022202255 (22) 05.04.2022  
(54) Invisible edge lens

(51) Int. Cl.  
**G02C 7/02** ( 2006.01 )  
**G02C 1/02** ( 2006.01 )  
(31) 2021902108 (32) 09.07.21 (33) AU

Applications Accepted - Name Index cont'd

2021902219 19.07.21 AU  
**(43)** 24.11.2022  
**(44)** 24.11.2022  
**(72)** Webb, Anthony; Stowell, Graeme  
**(74)** FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

---

**(71)** Weber-Stephen Products LLC  
**(11)** AU-B-2021212146  
**(21)** 2021212146 **(22)** 06.08.2021  
**(54)** Wireless control and status monitoring  
 for electric grill with current protection  
 circuitry  
**(51)** Int. Cl.  
*H02H 3/00* ( 2006.01 )  
*A47J 37/07* ( 2006.01 )  
*G01R 15/20* ( 2006.01 )  
*G08C 17/00* ( 2006.01 )  
*G08C 25/00* ( 2006.01 )  
*H02H 1/00* ( 2006.01 )  
*H02H 5/00* ( 2006.01 )  
*H05B 1/02* ( 2006.01 )  
*H05B 3/68* ( 2006.01 )  
**(43)** 26.08.2021  
**(44)** 24.11.2022  
**(62)** 2020200829  
**(72)** KNAPPENBERGER, Eric; ZULETA, Ju-  
 lio C.; LERCH, Matthew; EMMERICH,  
 Jeffery C.  
**(74)** Spruson & Ferguson

---

**(71)** Well Stone Co.  
**(11)** AU-B-2018237806  
**(21)** 2018237806 **(22)** 16.03.2018  
**(54)** Method for producing oral composition,  
 and oral composition  
**(51)** Int. Cl.  
*A61K 8/98* ( 2006.01 )  
*A61K 35/02* ( 2015.01 )  
*A61K 35/62* ( 2006.01 )  
*A61K 36/13* ( 2006.01 )  
*A61P 1/02* ( 2006.01 )  
*A61P 11/04* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
**(87)** WO2018/173970  
**(31)** 2017-054772 **(32)** 21.03.17 **(33)** JP  
**(43)** 27.09.2018  
**(44)** 24.11.2022  
**(72)** Ishii, Yoichi; Okamoto, Takeshi; Makino,  
 Sayaka  
**(74)** Griffith Hack

---

**(71)** Williams, T.  
**(11)** AU-B-2017279744  
**(21)** 2017279744 **(22)** 21.12.2017  
**(54)** A system and method for finding dents  
 on an automobile using a booth  
**(51)** Int. Cl.  
*G01B 11/30* ( 2006.01 )  
*B60S 5/00* ( 2006.01 )  
*G01B 21/32* ( 2006.01 )  
*G01N 21/88* ( 2006.01 )  
**(31)** 15/398,056 **(32)** 04.01.17 **(33)** US  
**(43)** 19.07.2018  
**(44)** 24.11.2022  
**(72)** WILLIAMS, Thomas  
**(74)** Spruson & Ferguson

**(71)** Wing Aviation LLC  
**(11)** AU-B-2021203440  
**(21)** 2021203440 **(22)** 26.05.2021  
**(54)** Methods and systems for using an un-  
 manned aerial vehicle (UAV) dedicated  
 to deployment of operational infrastruc-  
 ture  
**(51)** Int. Cl.  
*G05D 1/00* ( 2006.01 )  
*B64C 39/02* ( 2006.01 )  
**(43)** 24.06.2021  
**(44)** 24.11.2022  
**(62)** 2018393009  
**(72)** BLAKE, Jesse; SCHMALZRIED,  
 James; ZERWECKH, Siegfried;  
 PRAGER, Andre; VELEZ, Scott  
**(74)** Spruson & Ferguson

---

**(71)** Wi-Tronix, LLC  
**(11)** AU-B-2021204819  
**(21)** 2021204819 **(22)** 09.07.2021  
**(54)** Real-time data acquisition and record-  
 ing system viewer  
**(51)** Int. Cl.  
*G06F 17/00* ( 2019.01 )  
*H04B 1/38* ( 2015.01 )  
**(43)** 05.08.2021  
**(44)** 24.11.2022  
**(62)** 2017268273  
**(72)** JORDAN, Lawrence B.; PATEL,  
 Savankumar V.; WEAVER, Bryan  
**(74)** Spruson & Ferguson

---

**(71)** Worthwhile Products  
**(11)** AU-B-2022241545  
**(21)** 2022241545 **(22)** 29.09.2022  
**(54)** PRODUCT LOCATION SYSTEM  
**(51)** Int. Cl.  
*H04W 84/18* ( 2009.01 )  
*H04W 4/029* ( 2018.01 )  
*H04W 8/00* ( 2009.01 )  
**(43)** 27.10.2022  
**(44)** 24.11.2022  
**(62)** 2021272546  
**(72)** SOLOMON, Stanley B.  
**(74)** Madderns Pty Ltd

---

**(71)** Xiamen University  
**(11)** AU-B-2018351209  
**(21)** 2018351209 **(22)** 10.10.2018  
**(54)** Mutant of H3N2 subtype influenza virus  
 hemagglutinin protein and use thereof  
**(51)** Int. Cl.  
*C07K 14/11* ( 2006.01 )  
*A61K 39/145* ( 2006.01 )  
*A61P 31/16* ( 2006.01 )  
*C12N 7/00* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
*C12N 15/44* ( 2006.01 )  
**(87)** WO2019/076218  
**(31)** 201710969146.0 **(32)** 18.10.17 **(33)** CN  
**(43)** 25.04.2019  
**(44)** 24.11.2022  
**(72)** CHEN, Yixin; SHEN, Chenguang;  
 CHEN, Junyu; ZHANG, Mengya;  
 ZHANG, Limin; XIA, Ningshao  
**(74)** Davies Collision Cave Pty Ltd

**(71)** XWPharma Ltd.  
**(11)** AU-B-2021232668  
**(21)** 2021232668 **(22)** 13.09.2021  
**(54)** Prodrugs of ketamine, compositions  
 and uses thereof  
**(51)** Int. Cl.  
*C07C 271/56* ( 2006.01 )  
*A61K 31/325* ( 2006.01 )  
*A61P 25/04* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*C07C 235/00* ( 2006.01 )  
*C07C 271/24* ( 2006.01 )  
*C07D 211/06* ( 2006.01 )  
*C07D 213/06* ( 2006.01 )  
**(43)** 07.10.2021  
**(44)** 24.11.2022  
**(62)** 2019206950  
**(72)** Xiang, Jia-Ning; Xu, Xuesong; Eng,  
 Wai-si; Shih, Hao-wei  
**(74)** MINTER ELLISON

---

**(71)** YETI Coolers, LLC  
**(11)** AU-B-2019368252  
**(21)** 2019368252 **(22)** 22.10.2019  
**(54)** Closure and lid and method of forming  
 closure and lid  
**(51)** Int. Cl.  
*A47G 19/22* ( 2006.01 )  
**(87)** WO2020/086567  
**(31)** 62/749,443 **(32)** 23.10.18 **(33)** US  
**(43)** 30.04.2020  
**(44)** 24.11.2022  
**(72)** JINKINS, Cody; BONDHUS, Andy;  
 RANE, Mark Carlson; BULLOCK,  
 Dustin; FRITZ, John  
**(74)** Southern Cross Intellectual Property  
 Limited

---

**(71)** Zebra Technologies Corporation  
**(11)** AU-B-2020377855  
**(21)** 2020377855 **(22)** 18.09.2020  
**(54)** Bioptic scanner optical arrangement  
 with single sensor split four ways  
**(51)** Int. Cl.  
*G06K 7/10* ( 2006.01 )  
*A47F 9/04* ( 2006.01 )  
*G06K 7/14* ( 2006.01 )  
*G06Q 20/20* ( 2012.01 )  
*G07G 1/00* ( 2006.01 )  
**(87)** WO2021/091621  
**(31)** 16/678,239 **(32)** 08.11.19 **(33)** US  
**(43)** 14.05.2021  
**(44)** 24.11.2022  
**(72)** BARKAN, Edward; HANDSHAW, Dar-  
 ran Michael; DRZYMALA, Mark  
**(74)** Spruson & Ferguson

---

**(71)** Zebra Technologies Corporation  
**(11)** AU-B-2020391337  
**(21)** 2020391337 **(22)** 23.09.2020  
**(54)** Aim light assemblies for use in barcode  
 readers and methods and systems as-  
 sociated therewith  
**(51)** Int. Cl.  
*G06K 7/10* ( 2006.01 )  
**(87)** WO2021/108019  
**(31)** 16/698,037 **(32)** 27.11.19 **(33)** US  
**(43)** 03.06.2021

## Applications Accepted - Name Index cont'd

(44) 24.11.2022  
(72) ASTVATSATUROV, Yuri  
(74) Spruson & Ferguson

---

(71) Zenbivy LLC  
(11) AU-B-2018205333  
(21) 2018205333 (22) 08.01.2018  
(54) Girth-adjustable sleeping bag  
(51) Int. Cl.  
A47G 9/08 ( 2006.01 )  
(87) WO2018/129485  
(31) 62/444,228 (32) 09.01.17 (33) US  
(43) 12.07.2018  
(44) 24.11.2022  
(72) Glavin, Michael  
(74) GLMR

Numerical Index

<b>2016273921</b>	Deere & Company	<b>2017309384</b>	Laurastar SA
<b>2016328277</b>	QIAGEN Sciences LLC; Biopeptides Corp.; Gundersen Lutheran Medical Foundation, Inc.	<b>2017313907</b>	Bremer, T.
<b>2016328582</b>	ImCyse SA	<b>2017319402</b>	Sangermano, P.; IFA International Fluid Association
<b>2016333511</b>	F. Hoffmann-La Roche AG	<b>2017322324</b>	BIORA THERAPEUTICS, INC.
<b>2016338559</b>	Translate Bio, Inc.	<b>2017328874</b>	Spirox, Inc.
<b>2016340826</b>	Takeda Pharmaceutical Company Limited	<b>2017334035</b>	Myovant Sciences GmbH; Takeda Pharmaceutical Company Limited
<b>2016341399</b>	Basilea Pharmaceutica International AG	<b>2017343749</b>	Chevron U.S.A. Inc.
<b>2016343204</b>	Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung (IPK)	<b>2017346332</b>	Saygivar, F.; Saygivar, S.; Saygivar, L.
<b>2016349644</b>	Ventana Medical Systems, Inc.	<b>2017346915</b>	Shelter Co., Ltd.
<b>2016355682</b>	Syngenta Participations AG	<b>2017346916</b>	Shelter Co., Ltd.
<b>2016369595</b>	TEGA Therapeutics, Inc.	<b>2017346933</b>	Newsouth Innovations Pty Limited
<b>2016381496</b>	Evogene Ltd.	<b>2017351739</b>	Coalfields Engineering Pty Ltd
<b>2016393867</b>	Omni Bioceutical Innovations, Inc.	<b>2017355663</b>	Acuitive Technologies, Inc.
<b>2016397652</b>	Goglio S.p.A.; Goglio (Tianjin) Packaging Co., Ltd.	<b>2017359304</b>	Sleep Number Corporation
<b>2016405888</b>	Soletanche Freyssinet	<b>2017359661</b>	Hollister Incorporated
<b>2016409485</b>	AMO Development, LLC	<b>2017361085</b>	enVveno Medical Corporation
<b>2016410305</b>	Provost, B.	<b>2017361137</b>	Roborigger Pty Ltd
<b>2016412712</b>	Schlumberger Technology B.V.	<b>2017362257</b>	Gruma S.A.B. de C.V.
<b>2016414417</b>	CQMS Pty Ltd	<b>2017364306</b>	Hodges & Drake Design Limited
<b>2016421849</b>	Kimberly-Clark Worldwide, Inc.	<b>2017366165</b>	Optical Saver Technologies, S.a.p.i. De C.V.
<b>2016428214</b>	Kimberly-Clark Worldwide, Inc.	<b>2017371475</b>	BalloonX Sá.r.l.
<b>2016430985</b>	Lockheed Martin Energy, LLC	<b>2017376821</b>	Mura Technology Limited
<b>2017204053</b>	Mercer Stainless Limited; Visy R & D Pty Ltd	<b>2017378495</b>	Edwards Lifesciences Corporation
<b>2017204498</b>	VEMAG Maschinenbau GmbH	<b>2017382986</b>	P Alert Limited
<b>2017205216</b>	Replimune Limited	<b>2017384889</b>	Samsung Electronics Co., Ltd.
<b>2017211793</b>	Levation Pharma Ltd.	<b>2017385508</b>	DSM IP Assets B.V.
<b>2017214675</b>	Gen-Probe Incorporated	<b>2017386953</b>	Ethicon, Inc.
<b>2017216254</b>	New South Innovations Pty Limited; Kaye, L.; Aron-Dine, S.; Lim, A.; Bassman, L.	<b>2017393950</b>	MinEx CRC Ltd
<b>2017218391</b>	Mallinckrodt Hospital Products IP Limited	<b>2017408652</b>	Rolls-Royce Solutions GmbH
<b>2017218566</b>	HS Products Limited	<b>2017421247</b>	Prysmian S.p.A.
<b>2017221813</b>	Interlock USA, Inc.	<b>2017422200</b>	E.P.O.S IASIS Research and Development Limited
<b>2017223595</b>	Eastern Virginia Medical School	<b>2017423589</b>	Etablissements Collard
<b>2017232496</b>	Dicerna Pharmaceuticals, Inc.	<b>2017423954</b>	NTT DOCOMO, INC.
<b>2017233436</b>	Hummingbird Diagnostics GmbH	<b>2018204266</b>	Robert Bosch Limitada
<b>2017242544</b>	Midatech Ltd.	<b>2018205333</b>	Zenbivy LLC
<b>2017244040</b>	Inventys Thermal Technologies Inc.	<b>2018206488</b>	Neurolens, Inc.
<b>2017246658</b>	Laitram, L.L.C.	<b>2018207179</b>	HEKA Graphit.technology GmbH
<b>2017250000</b>	Haventec Pty Ltd	<b>2018208302</b>	Laitram, L.L.C.
<b>2017250791</b>	Research Institute at Nationwide Children's Hospital	<b>2018212566</b>	OmniGen Research, L.L.C.
<b>2017251728</b>	Fujitsu General Limited	<b>2018213906</b>	Erwin Junker Grinding Technology A.S.
<b>2017254675</b>	FAST IP, LLC	<b>2018214040</b>	The Boeing Company
<b>2017257446</b>	Digital Asset (Switzerland) GmbH	<b>2018215123</b>	Geberit International AG
<b>2017260799</b>	Novalon S.A.	<b>2018219660</b>	BASF SE
<b>2017264887</b>	AGCO Corporation	<b>2018224829</b>	President and Fellows of Harvard College
<b>2017265930</b>	Linear Shaped Limited	<b>2018226459</b>	AGIT GLOBAL IP HOLDINGS, LLC
<b>2017267504</b>	Acery France SAS	<b>2018227186</b>	National University Corporation Nagoya University; Osaka University; Nichia Corporation
<b>2017269272</b>	Dow Global Technologies LLC; Rohm and Haas Company	<b>2018227923</b>	Societe des Produits Nestle S.A.
<b>2017272248</b>	Buzon Pedestal International	<b>2018229434</b>	Raven Products Pty Ltd
<b>2017274515</b>	Sawstop Holding LLC	<b>2018232572</b>	Steeper Energy Aps
<b>2017279690</b>	Schneider Electric (Australia) Pty Limited	<b>2018236554</b>	Osaka Gas Co., Ltd.
<b>2017279728</b>	KONE CORPORATION	<b>2018237153</b>	Qualcomm Incorporated
<b>2017279744</b>	Williams, T.	<b>2018237806</b>	Well Stone Co.
<b>2017279801</b>	CASIO COMPUTER CO., LTD.	<b>2018238192</b>	Medlogical Innovations Pty Ltd
<b>2017281300</b>	Konecranes Global Corporation	<b>2018245984</b>	Dow Global Technologies LLC; Rohm and Haas Company
<b>2017281514</b>	Hemanext Inc.	<b>2018245985</b>	Dow Global Technologies LLC; Rohm and Haas Company
<b>2017287852</b>	Lumiradx UK Ltd	<b>2018248740</b>	SITA Information Networking Computing USA, Inc.
<b>2017292892</b>	Simcharacters GmbH	<b>2018252007</b>	CloudBlue LLC
<b>2017292929</b>	The Regents of the University of California	<b>2018254514</b>	CAP Diagnostics, LLC, dba Pathnostics
<b>2017296038</b>	Digital Asset (Switzerland) GmbH	<b>2018270948</b>	Magic Leap, Inc.
<b>2017299679</b>	ABS Materials, Inc.	<b>2018271230</b>	Polyplas International Pty Ltd
<b>2017300033</b>	DSM IP Assets B.V.	<b>2018285658</b>	GCP Applied Technologies Inc.
<b>2017302240</b>	Ecolab USA Inc.	<b>2018292939</b>	Kyoto University
<b>2017307377</b>	Dematic Corp.	<b>2018293774</b>	SICPA HOLDING SA
<b>2017307957</b>	Koninklijke Douwe Egberts B.V.	<b>2018304907</b>	Antabio SAS



Applications Accepted - Numerical Index cont'd

<b>2018304910</b>	INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Regional Universitaire de Lille; Universite de Lille; Centre National de la Recherche Scientifique; Universite de Lorraine; Institut Pasteur de Lille	<b>2019351386</b>	Unitika Ltd.
<b>2018305633</b>	Jiangsu Hengrui Medicine Co., Ltd.	<b>2019352423</b>	LG Electronics Inc.
<b>2018307608</b>	ConocoPhillips Company	<b>2019353400</b>	Nippon Steel Corporation
<b>2018313259</b>	Actuate Therapeutics Inc.	<b>2019356578</b>	Ghodrati, M.
<b>2018316532</b>	MedImmune Limited	<b>2019357720</b>	Elloveo, Inc.
<b>2018316648</b>	Expro North Sea Limited	<b>2019359896</b>	Bolder Industries
<b>2018317826</b>	Pacific Biosciences of California, Inc.	<b>2019363715</b>	Helrom GmbH
<b>2018332398</b>	Samsung Electronics Co., Ltd.	<b>2019367015</b>	Bosch Power Tools (China) Co., Ltd
<b>2018333285</b>	Commonwealth Scientific and Industrial Research Organisation	<b>2019368252</b>	YETI Coolers, LLC
<b>2018334788</b>	CSPC Zhongqi Pharmaceutical Technology(Shijiazhuang) Co., Ltd.	<b>2019368534</b>	Provectus IP Pty Ltd
<b>2018335857</b>	Thales Management & Services Deutschland GmbH	<b>2019368954</b>	Mitsubishi Heavy Industries Engineering, Ltd.
<b>2018339445</b>	Dialight Corporation	<b>2019369543</b>	Sony Group Corporation
<b>2018351209</b>	Xiamen University	<b>2019371364</b>	Citrix Systems, Inc.
<b>2018359018</b>	The University of Queensland	<b>2019373950</b>	Kraft Foods Schweiz Holding GmbH
<b>2018361276</b>	Beijing Tide Pharmaceutical Co., Ltd.	<b>2019377216</b>	International Business Machines Corporation
<b>2018369759</b>	Mirati Therapeutics, Inc.; Array BioPharma Inc.	<b>2019380506</b>	Interscope, Inc.
<b>2018369872</b>	Gen-Probe Incorporated	<b>2019389172</b>	Thomson Reuters Enterprise Centre GmbH
<b>2018371372</b>	Sony Corporation	<b>2019395286</b>	Harper Biotech LLC D/B/A Simbuka Energy, LLC
<b>2018379456</b>	Janssen Pharmaceutica NV	<b>2019397903</b>	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.
<b>2018383760</b>	Allegiance Corporation	<b>2019409572</b>	Navigo Proteins GmbH
<b>2018388655</b>	ChemoCentryx, Inc.	<b>2019412317</b>	Shanghai Microport Cardioflow Medtech Co., Ltd.
<b>2018390590</b>	Mitsui Chemicals, Inc.; National University Corporation University of Toyama	<b>2019416664</b>	Nuovo Pignone Tecnologie - S.r.l.
<b>2018400833</b>	V-Shapes S.r.l.	<b>2019418268</b>	Samsung Electronics Co., Ltd.
<b>2018402429</b>	NTT DOCOMO, INC.	<b>2019419653</b>	Huawei Technologies Co., Ltd.
<b>2018430324</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019425547</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018432789</b>	Fujitsu Limited	<b>2019426916</b>	Right Group Central Co., Ltd.
<b>2018440558</b>	GuaVolution Limited	<b>2019428064</b>	Hewlett-Packard Development Company, L.P.
<b>2018441457</b>	The Beachwaver Co.	<b>2019428300</b>	Hewlett-Packard Development Company, L.P.
<b>2018442418</b>	Nokia Technologies Oy	<b>2019428302</b>	Howmet Aerospace Inc.
<b>2018443904</b>	Raven Engineered Films, Inc.	<b>2019428624</b>	Hewlett-Packard Development Company, L.P.
<b>2018447125</b>	Pujing Chemical Industry Co., Ltd	<b>2019435161</b>	CJ Cheiljedang Corporation
<b>2018455574</b>	CRRC Qishuyan Institute Co., Ltd.	<b>2019437996</b>	MITSUBISHI ELECTRIC CORPORATION
<b>2019218475</b>	Matisa Materiel Industriel S.A.	<b>2019440196</b>	ELC Management LLC
<b>2019219057</b>	Universität Heidelberg	<b>2019441003</b>	Hwang, Y.; Tsen, P.
<b>2019220254</b>	Samsung Electronics Co., Ltd.	<b>2019445653</b>	W. L. Gore & Associates, Inc.
<b>2019221521</b>	Mitsubishi HiTec Paper Europe GmbH	<b>2019453229</b>	Halliburton Energy Services, Inc.
<b>2019235615</b>	Henry Young & Sons Proprietary Limited	<b>2019474452</b>	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
<b>2019239481</b>	Sumitomo Pharma Co., Ltd.	<b>2020201457</b>	Unigen, Inc.; Unigen, Inc.
<b>2019241028</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2020202312</b>	Seres Therapeutics, Inc.
<b>2019249938</b>	Thales Management & Services Deutschland GmbH	<b>2020203908</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
<b>2019255310</b>	Constellation Pharmaceuticals, Inc.	<b>2020204410</b>	Regeneron Pharmaceuticals, Inc.
<b>2019264650</b>	Neale, B.	<b>2020207874</b>	Alnylam Pharmaceuticals, Inc.
<b>2019273119</b>	The University of Sydney	<b>2020209365</b>	Noetic Technologies Inc.
<b>2019273970</b>	Bridgestone Corporation	<b>2020214490</b>	Vivo Mobile Communication Co.,Ltd.
<b>2019276592</b>	Kite Pharma, Inc.	<b>2020216226</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
<b>2019278991</b>	Qualcomm Incorporated	<b>2020216912</b>	Cook Medical Technologies LLC; Muffin Incorporated
<b>2019283481</b>	LG Electronics Inc.	<b>2020217784</b>	Db Cook Advanced Technologies
<b>2019288296</b>	Cella Therapeutics, LLC	<b>2020218157</b>	Schlage Lock Company LLC
<b>2019289206</b>	Cambridge Enterprise Limited	<b>2020218393</b>	BlueGreen Water Technologies Ltd.
<b>2019301336</b>	Mitsubishi Tanabe Pharma Corporation	<b>2020222959</b>	Siemens Aktiengesellschaft
<b>2019306392</b>	LG Electronics Inc.	<b>2020223140</b>	Netflix, Inc.
<b>2019310595</b>	California Institute of Technology; The Regents of the University of California; 1200 Pharma LLC	<b>2020223140</b>	Huawei Technologies Co., Ltd.
<b>2019319007</b>	Lufthansa Technik AG	<b>2020227335</b>	Haier Smart Home Co., Ltd.
<b>2019320175</b>	Watanabe Oyster Laboratory, Co., Ltd.	<b>2020227874</b>	Häfele Berlin GmbH & Co KG
<b>2019320321</b>	Huawei Technologies Co., Ltd.	<b>2020233644</b>	Fisher & Paykel Appliances Limited
<b>2019325574</b>	UOP LLC	<b>2020233692</b>	Kala Pharmaceuticals, Inc
<b>2019329933</b>	The University of Sydney	<b>2020233714</b>	Gilead Sciences, Inc.
<b>2019342135</b>	Technology In Ariscale, LLC; Ariscale Inc	<b>2020234675</b>	International Business Machines Corporation
<b>2019344561</b>	Inventio AG	<b>2020237597</b>	International Business Machines Corporation
<b>2019346631</b>	Apple Inc.	<b>2020244395</b>	Biogen MA Inc.
<b>2019347688</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2020244529</b>	Fisher & Paykel Healthcare Limited
<b>2019348603</b>	Huawei Technologies Co., Ltd.	<b>2020248421</b>	Promaxo, Inc.
		<b>2020249007</b>	Siemens Mobility GmbH
		<b>2020250307</b>	Epiroc Rock Drills Aktiebolag
		<b>2020251188</b>	DynElectro ApS
		<b>2020251304</b>	Trio Healthcare Limited

Applications Accepted - Numerical Index cont'd

2020255100	SHENZHEN FORWARD PHARMACEUTICALS CO., LTD.	2021204189	The Reliable Automatic Sprinkler Co. Inc.
2020256033	Boston Scientific Neuromodulation Corporation	2021204255	Apple Inc.
2020260764	Cipla Limited	2021204286	Socure Inc.
2020261846	JFE Steel Corporation	2021204552	Aruze Gaming America, Inc.
2020264367	Apple Inc.	2021204661	Apple Inc.
2020267132	Clumio, Inc.	2021204747	Trespa International B.V.
2020267579	Motorola Solutions, Inc.	2021204819	Wi-Tronix, LLC
2020267822	Elaflex Hiby GmbH & Co. KG	2021204988	MEDMONT INTERNATIONAL PTY LTD
2020270500	Allergan, Inc.	2021205101	Otsuka Pharmaceutical Co., Ltd.
2020273332	Purdue Pharma L.P.	2021205306	Northann Building Solutions LLC
2020273346	Pilant, G.	2021206907	Gilead Sciences, Inc.
2020275806	China University of Mining and Technology	2021209272	PerkinElmer Health Sciences, Inc.
2020277148	Epax Norway AS	2021212025	Accenture Global Solutions Limited
2020277215	Sequenom, Inc.	2021212146	Weber-Stephen Products LLC
2020281127	Fisher and Paykel Healthcare Limited	2021215207	Visa International Service Association
2020281450	Siemens Energy Global GmbH & Co. KG	2021215213	Google LLC
2020284271	Beyond Architectural Pty Ltd	2021215231	FTR Labs Pty Ltd
2020289718	Myriota Pty Ltd	2021218016	Google LLC
2020289838	Tonix Pharma Holdings Limited	2021218023	Apparatus LLC
2020289847	LG ELECTRONICS INC.	2021218059	NuVasive, Inc.
2020294216	Takeda Vaccines, Inc.	2021221700	Ahmed, W.
2020294357	Bionime Corporation; Bionime USA Corporation	2021221871	Bluebeam, Inc.
2020302471	Fast Retailing Co., Ltd.	2021225156	Takeda GmbH; Takeda Pharmaceutical Company Limited
2020306056	Boston Scientific Scimed, Inc.	2021225875	Fort Robotics, Inc.
2020317917	Central South University	2021229135	Daikin Industries, Ltd.
2020319679	Innolith Technology AG	2021231676	Butlr Technologies Inc.
2020321601	Innolith Technology AG	2021232668	XWPharma Ltd.
2020322166	Innolith Technology AG	2021232671	SuperSonic Imagine
2020323712	Innolith Technology AG	2021232682	Optos PLC
2020334866	Harbison Walker International, Inc.	2021236272	Alfasan Nederland B.V.
2020341253	Indefatigable Holdings Pty Ltd	2021236438	SEA Automotive Pty Ltd
2020352919	Apple Inc.	2021245097	Integral Systems Pty Ltd
2020356808	Soochow University	2021245099	Tata Consultancy Services Limited
2020369432	Ecc Tec Msj Incorporated	2021248519	SPCM SA
2020377855	Zebra Technologies Corporation	2021250919	Northrop Grumman Systems Corporation
2020391337	Zebra Technologies Corporation	2021250944	Apple Inc.
2020402350	Coates Hire Operations Pty Ltd	2021252182	Shaheen Innovations Holding Limited
2020432954	algoriddim GmbH	2021254591	Acer Incorporated
2020437137	Equinix, Inc.	2021256041	Tekion Corp
2020469798	Beijing Sanyuan Foods Co., Ltd.	2021261641	hearX IP (Pty) Ltd.
2021200241	Dolby International AB	2021266261	PASCOE, A.
2021200278	True Manufacturing Co., Inc.	2021266351	Mirati Therapeutics, Inc.
2021200282	Crystal Lagoons (Curacao) B.V.	2021269333	Becton, Dickinson and Company
2021200467	Arbitron Inc.	2021269567	IdeaPond LLC
2021200487	FiberLean Technologies Limited	2021281698	Lan, G.
2021200546	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022200190	Cardinal Commerce Corporation
2021200729	View, Inc.	2022200552	Becton, Dickinson and Company
2021200827	Avery Dennison Corporation	2022200564	KAO, H.S.; CHANG, C.P.
2021200894	Apple Inc.	2022202080	Rippleffect Trust Limited
2021201013	Siemens Mobility, Inc.	2022202255	Webb, A.; Stowell, G.
2021201062	THE SCRIPPS RESEARCH INSTITUTE	2022203272	Tritana Intellectual Property Ltd.
2021201319	LG ELECTRONICS INC.	2022204074	Sadleir Laboratories Pty Ltd
2021201363	Ab Initio Technology LLC	2022204494	MANGROVE WATER TECHNOLOGIES LTD
2021201468	The United States of America, as represented by the Secretary, Department of Health & Human Services	2022241545	Worthwhile Products
2021201532	MERCK PATENT GMBH		
2021201798	Beijing Baidu Netcom Science and Technology Co., Ltd.		
2021201817	Weatherford Technology Holdings, LLC		
2021201937	Phase Final, Inc.		
2021202263	Bruin Biometrics, LLC		
2021202350	Apple Inc.		
2021202799	Optis Wireless Technology, LLC		
2021203340	AC Immune SA		
2021203368	Kemira Oyj		
2021203440	Wing Aviation LLC		
2021203450	Sony Corporation		
2021203539	Allshelter Holdings Pty Ltd		
2021203547	The Trustees of the University of Pennsylvania; Novartis AG		
2021203846	Firebrick Pharma Limited		
2021204033	Waymo LLC		

IPC Index

<b>A01C 5 /-</b>	<b>A22B 3 /-</b>	2017254675	2021201319	2016369595	<b>A61K 45 /-</b>
2017351739	2017371475	<b>A43B 3 /-</b>	<b>A61B 1 /-</b>	2016393867	2018334788
<b>A01D 41 /-</b>	<b>A23B 7 /-</b>	2017254675	2017322324	2017211793	2019301336
2022203272	2018208302	<b>A43C 11 /-</b>	2019380506	2017232496	2021206907
<b>A01D 75 /-</b>	<b>A23C 9 /-</b>	2017254675	2020306056	2017260799	<b>A61K 47 /-</b>
2022203272	2020469798	<b>A44B 99 /-</b>	2022200564	2017313907	2017242544
<b>A01F 12 /-</b>	<b>A23G 1 /-</b>	2021218023	<b>A61B 17 /-</b>	2017334035	2017422200
2022203272	2019373950	<b>A44C 27 /-</b>	2017355663	2018292939	2018316532
<b>A01G 17 /-</b>	<b>A23G 3 /-</b>	2017216254	<b>A61B 18 /-</b>	2018304907	2021203846
2017423589	2019373950	<b>A45D 20 /-</b>	2018238192	2018304910	<b>A61K 48 /-</b>
<b>A01G 33 /-</b>	<b>A23K 20 /-</b>	2018441457	<b>A61B 3 /-</b>	2018305633	2017250791
2019368534	2018212566	<b>A47B 88 /-</b>	2021204988	2018313259	2020203908
<b>A01G 9 /-</b>	<b>A23L 2 /-</b>	2017384889	2021232682	2018316532	2021203547
2019368534	2017364306	<b>A47C 21 /-</b>	<b>A61B 5 /-</b>	2018334788	<b>A61K 8 /-</b>
<b>A01H 5 /-</b>	<b>A23L 25 /-</b>	2017359304	2017218391	2018361276	2016393867
2016381496	2018208302	<b>A47C 27 /-</b>	2017292929	2018379456	2018237806
<b>A01K 11 /-</b>	<b>A23L 27 /-</b>	2017218566	2017328874	2019219057	2020273346
2018204266	2019435161	<b>A47C 31 /-</b>	2018227923	2019239481	<b>A61K 9 /-</b>
<b>A01K 67 /-</b>	<b>A23N 12 /-</b>	2017359304	2020248421	2019255310	2017211793
2020204410	2018208302	<b>A47F 9 /-</b>	2020256033	2019288296	2017223595
<b>A01M 7 /-</b>	<b>A24F 1 /-</b>	2020377855	2020294357	2019310595	2017260799
2017264887	2021252182	<b>A47G 19 /-</b>	2020306056	2020201457	2017313907
<b>A01N 25 /-</b>	<b>A24F 40 /-</b>	2019368252	2020352919	2020207874	2019288296
2019397903	2021252182	<b>A47G 27 /-</b>	2021202263	2020207874	2020270500
2020218157	<b>A41B 13 /-</b>	2021218023	2021261641	2020233692	2021203846
<b>A01N 43 /-</b>	2020302471	<b>A47G 9 /-</b>	2022204074	2020233714	<b>A61L 24 /-</b>
2019397903	<b>A41B 9 /-</b>	2018205333	<b>A61C 8 /-</b>	2020244395	2020251304
<b>A01N 57 /-</b>	2021221700	<b>A47J 31 /-</b>	2017355663	2020255100	<b>A61M 1 /-</b>
2019397903	<b>A41C 3 /-</b>	2017307957	<b>A61F 13 /-</b>	2020273332	2017281514
<b>A01N 59 /-</b>	2021221700	2018440558	2016428214	2020277148	<b>A61M 13 /-</b>
2021203846	<b>A41F 1 /-</b>	<b>A47J 37 /-</b>	2021221700	2020289838	2020244529
<b>A01P 1 /-</b>	2021218023	2021212146	<b>A61F 2 /-</b>	2021201062	<b>A61M 16 /-</b>
2021203846	<b>A43B 11 /-</b>	<b>A47K 10 /-</b>	2017355663	2021201532	2017218391
<b>A01P 13 /-</b>	2017254675	2016421849	2017361085	2021203340	2020244529
2019397903	<b>A43B 13 /-</b>	<b>A47L 15 /-</b>	2017378495	2021203846	2020281127
<b>A21C 11 /-</b>	2017254675	2020233644	2017386953	2021206907	<b>A61M 25 /-</b>
2017362257	<b>A43B 21 /-</b>	<b>A47L 9 /-</b>	2019412317	2021232668	2020306056
			2019445653	2021266351	<b>A61M 31 /-</b>
			2021218059	2021266351	2017322324
			<b>A61F 5 /-</b>	<b>A61K 33 /-</b>	<b>A61M 39 /-</b>
			2017359661	2017218391	2022200552
			2020251304	2021203846	<b>A61M 5 /-</b>
			<b>A61F 9 /-</b>	<b>A61K 35 /-</b>	2021269333
			2016409485	2016328582	2022204074
			<b>A61J 7 /-</b>	2016393867	<b>A61N 1 /-</b>
			2021236272	2017281514	
			<b>A61K 31 /-</b>	2018237806	
			2016349644	2019276592	
				2020202312	
				<b>A61K 36 /-</b>	
				2018237806	
				2020201457	
				<b>A61K 38 /-</b>	
				2018359018	
				2019288296	
				2019409572	
				2021201468	
				2021225156	
				<b>A61K 39 /-</b>	
				2016328582	
				2018351209	
				2019301336	
				2021201468	

Applications Accepted - IPC Index cont'd

2020256033	<b><u>A61P 43 /-</u></b>	<b><u>B01J 3 /-</u></b>		2019363715	<b><u>B65D 51 /-</u></b>
<b><u>A61P 1 /-</u></b>	2018334788	2017376821	<b><u>B29C 65 /-</u></b>	<b><u>B61L 1 /-</u></b>	2019440196
2018237806	2020273332	<b><u>B01J 35 /-</u></b>	2018443904	2018335857	<b><u>B65D 75 /-</u></b>
<b><u>A61P 11 /-</u></b>	2021201468	2019368954	<b><u>B31B 50 /-</u></b>	2020249007	2016397652
2018237806	<b><u>A61P 7 /-</u></b>	2020369432	2017204053	<b><u>B61L 15 /-</u></b>	2018400833
<b><u>A61P 15 /-</u></b>	2017281514	<b><u>B01J 49 /-</u></b>	<b><u>B32B 27 /-</u></b>	2019218475	<b><u>B65D 77 /-</u></b>
2018305633	<b><u>A61Q 11 /-</u></b>	2020281127	2017385508	<b><u>B61L 19 /-</u></b>	2016397652
<b><u>A61P 17 /-</u></b>	2018237806	<b><u>B01J 6 /-</u></b>	<b><u>B32B 29 /-</u></b>	2019249938	<b><u>B65D 81 /-</u></b>
2017211793	<b><u>A61Q 19 /-</u></b>	2017376821	2021204747	<b><u>B61L 21 /-</u></b>	2019440196
<b><u>A61P 19 /-</u></b>	2016393867	<b><u>B01L 3 /-</u></b>	<b><u>B32B 3 /-</u></b>	2019249938	<b><u>B65G 15 /-</u></b>
2020201457	2020273346	2018224829	2017385508	<b><u>B61L 23 /-</u></b>	2017246658
<b><u>A61P 21 /-</u></b>	<b><u>A62C 3 /-</u></b>	<b><u>B01L 7 /-</u></b>	2021204747	2019218475	<b><u>B65G 23 /-</u></b>
2017211793	2021204189	2017287852	<b><u>B32B 5 /-</u></b>	<b><u>B61L 25 /-</u></b>	2017307377
2017250791	<b><u>A62C 35 /-</u></b>	<b><u>B01L 9 /-</u></b>	2017385508	2019249938	<b><u>B65G 47 /-</u></b>
2020289838	2021204189	2018317826	<b><u>B32B 9 /-</u></b>	2020249007	2017204498
<b><u>A61P 25 /-</u></b>	<b><u>A62C 37 /-</u></b>	<b><u>B05B 17 /-</u></b>	2017274515	<b><u>B61L 27 /-</u></b>	2017307377
2018292939	2021204189	2021252182	2017385508	2019249938	<b><u>B65G 63 /-</u></b>
2019301336	<b><u>A63F 3 /-</u></b>	<b><u>B07C 5 /-</u></b>	<b><u>B41F 15 /-</u></b>	<b><u>B61L 29 /-</u></b>	2017281300
2020244395	2021204552	2017307377	2020251304	2020249007	<b><u>B65H 49 /-</u></b>
2020273332	<b><u>A63F 9 /-</u></b>	<b><u>B08B 3 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B63B 32 /-</u></b>	2017393950
2021203340	2021204552	2019319007	2019428064	2018226459	<b><u>B66B 13 /-</u></b>
2021232668	<b><u>A63H 13 /-</u></b>	<b><u>B08B 9 /-</u></b>	2019428300	<b><u>B63B 35 /-</u></b>	2019344561
<b><u>A61P 27 /-</u></b>	2017292892	2019319007	2019428624	2021200282	<b><u>B66B 5 /-</u></b>
2017211793	<b><u>A63H 3 /-</u></b>	<b><u>B22D 1 /-</u></b>	<b><u>B41M 1 /-</u></b>	2020251304	2017279728
2019301336	2017292892	2020334866	<b><u>B41M 7 /-</u></b>	2019235615	<b><u>B66C 13 /-</u></b>
<b><u>A61P 29 /-</u></b>	<b><u>B01D 15 /-</u></b>	<b><u>B22D 11 /-</u></b>	2018219660	<b><u>B63H 20 /-</u></b>	2017361137
2021201532	2019325574	2020334866	<b><u>B44C 5 /-</u></b>	2016410305	<b><u>B66C 23 /-</u></b>
<b><u>A61P 31 /-</u></b>	<b><u>B01D 46 /-</u></b>	<b><u>B23B 51 /-</u></b>	2021204747	<b><u>B63H 21 /-</u></b>	2019363715
2018304907	2019368954	2019367015	<b><u>B60C 19 /-</u></b>	2019368954	<b><u>B67B 7 /-</u></b>
2018351209	<b><u>B01D 53 /-</u></b>	<b><u>B23D 45 /-</u></b>	2019273970	<b><u>B64C 39 /-</u></b>	2017364306
2018359018	2018236554	2017274515	<b><u>B60L 15 /-</u></b>	2021203440	<b><u>B82Y 30 /-</u></b>
2020233714	2019325574	2019368954	2021281698	<b><u>B64F 5 /-</u></b>	2018227186
2021203846	2019395286	<b><u>B26D 5 /-</u></b>	<b><u>B60L 3 /-</u></b>	2019319007	<b><u>B82Y 40 /-</u></b>
2021206907	2020369432	2017274515	2021236438	<b><u>B65B 9 /-</u></b>	2018227186
<b><u>A61P 35 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B27G 15 /-</u></b>	<b><u>B60S 5 /-</u></b>	2018400833	<b><u>C01B 3 /-</u></b>
2017232496	2022204494	2019367015	2017279744	<b><u>B65C 9 /-</u></b>	2018236554
2017334035	<b><u>B01J 20 /-</u></b>	<b><u>B29C 35 /-</u></b>	<b><u>B61D 3 /-</u></b>	2021200827	<b><u>C01D 15 /-</u></b>
2018304910	2017299679	2018383760	2019363715	<b><u>B65D 5 /-</u></b>	2022204494
2018305633	<b><u>B01J 23 /-</u></b>	<b><u>B29C 57 /-</u></b>	<b><u>B61D 47 /-</u></b>	2017204053	<b><u>C01G 15 /-</u></b>
2018313259	2018447125	2017269272			
2018334788					
2018379456					
2019219057					
2019239481					
2019255310					
2019310595					
2020255100					
2021203547					
2021266351					
<b><u>A61P 37 /-</u></b>					
2019310595					

Applications Accepted - IPC Index cont'd

2018227186	<b><u>C02F 1/-</u></b>	2020255100 2021201532 2021203340	<b><u>C08B 37/-</u></b>	<b><u>C09K 11/-</u></b>	<b><u>C12N 1/-</u></b>
2017299679 2020218157	<b><u>C02F 101/-</u></b>	2021232668	2016369595	2018227186	2016355682 2019320175 2020202312
2017299679	<b><u>C02F 5/-</u></b>	<b><u>C07D 211/-</u></b> 2021232668	<b><u>C07D 473/-</u></b> 2020255100	<b><u>C09K 15/-</u></b>	<b><u>C12N 15/-</u></b>
2017302240	<b><u>C04B 111/-</u></b>	<b><u>C07D 213/-</u></b> 2021232668	<b><u>C07D 475/-</u></b> 2018304910	2019320175	2016338559 2016343204 2016381496 2017250791 2017346933 2018333285 2018351209 2018390590 2020207874 2020294216 2021201468 2021203547
2018207179	<b><u>C04B 20/-</u></b>	<b><u>C07D 231/-</u></b> 2018388655 2020233692	<b><u>C07D 487/-</u></b> 2018304910 2018305633 2018316532 2020255100 2021201532 2021266351	2020356808	
2018207179	<b><u>C04B 24/-</u></b>	<b><u>C07D 239/-</u></b> 2018361276 2021201532	<b><u>C07D 491/-</u></b> 2019239481 2019310595	<b><u>C09K 8/-</u></b>	<b><u>C12N 5/-</u></b>
2021200487	<b><u>C04B 26/-</u></b>	<b><u>C07D 243/-</u></b> 2018334788	<b><u>C07D 495/-</u></b> 2018334788	2020261846	2016355682 2018224829 2019276592
2018207179 2021200487	<b><u>C04B 28/-</u></b>	<b><u>C07D 277/-</u></b> 2018304907	<b><u>C07D 498/-</u></b> 2018334788	<b><u>C10G 1/-</u></b>	<b><u>C12N 7/-</u></b>
2018207179 2018285658	<b><u>C07C 231/-</u></b>	<b><u>C07D 307/-</u></b> 2018379456	<b><u>C07D 498/-</u></b> 2018313259	2017376821	2017205216 2018351209
2021205101	<b><u>C07C 235/-</u></b>	<b><u>C07D 311/-</u></b> 2017422200	<b><u>C07H 19/-</u></b> 2018379456	<b><u>C10G 3/-</u></b>	<b><u>C12N 9/-</u></b>
2021232668	<b><u>C07C 237/-</u></b>	<b><u>C07D 317/-</u></b> 2018379456	<b><u>C07H 21/-</u></b> 2020203908	2018232572	2016328582 2016338559 2017346933 2020207874
2021205101	<b><u>C07C 271/-</u></b>	<b><u>C07D 401/-</u></b> 2018361276 2018369759 2019219057 2019310595 2021201532 2021206907	<b><u>C07H 3/-</u></b> 2019435161	<b><u>C10J 3/-</u></b>	<b><u>C12P 7/-</u></b>
2021232668	<b><u>C07C 305/-</u></b>	<b><u>C07D 403/-</u></b> 2020255100 2021201532	<b><u>C07K 1/-</u></b> 2019273119	2018232572	2019320175
2021201062	<b><u>C07C 323/-</u></b>	<b><u>C07D 405/-</u></b> 2019219057 2019255310	<b><u>C07K 14/-</u></b> 2016328277 2016381496 2017250791 2017346933 2018351209 2019273119 2019276592 2019409572 2020203908 2021201468 2021203547 2021225156	<b><u>C10L 1/-</u></b>	<b><u>C12Q 1/-</u></b>
2019273119	<b><u>C07C 327/-</u></b>	<b><u>C07D 409/-</u></b> 2021201532	<b><u>C07K 16/-</u></b> 2016333511 2018316532 2021203547	2020261846	2016349644 2016355682 2017214675 2017287852 2018254514 2018369872 2018390590 2020277215
2019273119	<b><u>C07C 391/-</u></b>	<b><u>C07D 413/-</u></b> 2021201532	<b><u>C07K 7/-</u></b> 2017346933 2018359018	<b><u>C10L 3/-</u></b>	<b><u>C22C 19/-</u></b>
2019273119	<b><u>C07C 67/-</u></b>	<b><u>C07D 417/-</u></b> 2018304907		2019325574	<b><u>C22C 38/-</u></b>
2018447125	<b><u>C07C 69/-</u></b>	<b><u>C07D 471/-</u></b> 2018379456 2018388655 2020233692		<b><u>C10L 9/-</u></b>	2017216254
2018447125				2020261846	2017216254
				<b><u>C11B 3/-</u></b>	<b><u>C22C 5/-</u></b>
				2017421247 2019359896	2017216254
				<b><u>C08L 27/-</u></b>	<b><u>C23F 11/-</u></b>
				2017421247	2017302240
				<b><u>C08L 7/-</u></b>	<b><u>C25B 1/-</u></b>
				2019359896	2020251188 2022204494
				<b><u>C08L 83/-</u></b>	
				2017386953	
				<b><u>C09C 1/-</u></b>	
				2018293774	
				<b><u>C09D 11/-</u></b>	
				2018219660 2018293774	
				<b><u>C09D 4/-</u></b>	
				2018219660	
				<b><u>C10B 53/-</u></b>	
				2017376821	
				<b><u>C10B 57/-</u></b>	
				2020261846	
				<b><u>C10G 1/-</u></b>	
				2017376821	
				<b><u>C10G 3/-</u></b>	
				2018232572	
				<b><u>C10J 3/-</u></b>	
				2018232572	
				<b><u>C10L 1/-</u></b>	
				2018232572	
				<b><u>C10L 3/-</u></b>	
				2017376821	
				<b><u>C10L 9/-</u></b>	
				2020261846	
				<b><u>C11C 1/-</u></b>	
				2020277148	
				<b><u>C11D 1/-</u></b>	
				2020277148	
				<b><u>C11D 3/-</u></b>	
				2018245984 2018245985	
				<b><u>C12M 1/-</u></b>	
				2018245984 2018245985	
				<b><u>C12M 3/-</u></b>	
				2018224829 2020216912	

Applications Accepted - IPC Index cont'd

<b><u>C25B 15 /-</u></b>	<b><u>E02F 9 /-</u></b>	2017221813	<b><u>F01P 7 /-</u></b>		2018339445
2020251188	2016414417	<b><u>E05D 5 /-</u></b>	2016410305	<b><u>F16D 3 /-</u></b>	<b><u>F22B 31 /-</u></b>
<b><u>D01D 5 /-</u></b>	<b><u>E03C 1 /-</u></b>	2020284271	<b><u>F02B 61 /-</u></b>	2018455574	2017244040
2017300033	2018215123	<b><u>E05D 7 /-</u></b>	2016410305	<b><u>F16H 19 /-</u></b>	<b><u>F23J 15 /-</u></b>
<b><u>D01F 6 /-</u></b>	<b><u>E03D 9 /-</u></b>	2020284271	<b><u>F02D 19 /-</u></b>	2021266261	2017244040
2017300033	2019356578	<b><u>E05F 1 /-</u></b>	2018213906	<b><u>F16H 25 /-</u></b>	<b><u>F24F 1 /-</u></b>
<b><u>D01F 8 /-</u></b>	<b><u>E04B 1 /-</u></b>	2020284271	<b><u>F02D 35 /-</u></b>	2021266261	2021229135
2019351386	2017346915	<b><u>E05F 3 /-</u></b>	2021200546	<b><u>F16H 57 /-</u></b>	<b><u>F25B 39 /-</u></b>
<b><u>D02J 1 /-</u></b>	2017346916	2020284271	<b><u>F02D 41 /-</u></b>	2021266261	2021229135
2019329933	2019264650	<b><u>E06B 7 /-</u></b>	2021200546	<b><u>F16H 7 /-</u></b>	<b><u>F25C 1 /-</u></b>
<b><u>D03D 15 /-</u></b>	2022202080	2018229434	<b><u>F02M 23 /-</u></b>	2017408652	2019352423
2019351386	2019264650	<b><u>E21B 19 /-</u></b>	2018213906	<b><u>F16K 1 /-</u></b>	2021200278
<b><u>D04B 1 /-</u></b>	<b><u>E04C 3 /-</u></b>	2017393950	<b><u>F02M 43 /-</u></b>	2018316648	<b><u>F25C 5 /-</u></b>
2019351386	2022202080	2020209365	2018213906	<b><u>F16L 1 /-</u></b>	2019352423
<b><u>D04B 21 /-</u></b>	<b><u>E04F 13 /-</u></b>	2021201817	<b><u>F02M 67 /-</u></b>	2017267504	<b><u>F25D 11 /-</u></b>
2019351386	2021205306	<b><u>E21B 23 /-</u></b>	2018213906	<b><u>F16L 3 /-</u></b>	2019352423
2019445653	<b><u>E04F 15 /-</u></b>	2020209365	<b><u>F03B 11 /-</u></b>	2018271230	<b><u>F25D 17 /-</u></b>
<b><u>D04C 1 /-</u></b>	2017272248	<b><u>E21B 29 /-</u></b>	2019235615	<b><u>F16L 37 /-</u></b>	2020227335
2019351386	2021205306	2018316648	<b><u>F03G 7 /-</u></b>	2020267822	<b><u>F25D 19 /-</u></b>
<b><u>D06F 39 /-</u></b>	<b><u>E04G 1 /-</u></b>	<b><u>E21B 3 /-</u></b>	2017319402	<b><u>F16L 55 /-</u></b>	2020227335
2019283481	2020402350	2021201817	<b><u>F04C 18 /-</u></b>	2020267822	<b><u>F25D 23 /-</u></b>
2019306392	<b><u>E04G 21 /-</u></b>	<b><u>E21B 34 /-</u></b>	2017251728	<b><u>F16M 11 /-</u></b>	2017384889
2020233644	2017346332	2018316648	<b><u>F04C 29 /-</u></b>	2017346332	<b><u>F25D 25 /-</u></b>
<b><u>D06F 75 /-</u></b>	2020402350	<b><u>E21B 43 /-</u></b>	2017251728	<b><u>F21K 9 /-</u></b>	2017384889
2017309384	<b><u>E04G 23 /-</u></b>	2016412712	2017251728	2017366165	2019352423
<b><u>D06F 79 /-</u></b>	2020402350	2018307608	<b><u>F04D 13 /-</u></b>	<b><u>F21L 14 /-</u></b>	<b><u>F25D 29 /-</u></b>
2017309384	<b><u>E04G 25 /-</u></b>	<b><u>E21B 49 /-</u></b>	2019306392	2021269567	2019352423
<b><u>D21H 19 /-</u></b>	2020402350	2016412712	<b><u>F04D 15 /-</u></b>	<b><u>F21L 2 /-</u></b>	<b><u>F27D 3 /-</u></b>
2019221521	<b><u>E04G 5 /-</u></b>	<b><u>E21B 7 /-</u></b>	2019306392	2021269567	2020334866
<b><u>D21H 27 /-</u></b>	2020402350	2020250307	<b><u>F04D 17 /-</u></b>	<b><u>F21L 4 /-</u></b>	<b><u>F28D 1 /-</u></b>
2019221521	<b><u>E04H 1 /-</u></b>	<b><u>F01D 25 /-</u></b>	2020289847	2021201937	2021229135
<b><u>E01D 22 /-</u></b>	2021203539	2019319007	<b><u>F04D 29 /-</u></b>	2021269567	<b><u>F28F 9 /-</u></b>
2016405888	<b><u>E04H 14 /-</u></b>	2019416664	2019235615	<b><u>F21V 17 /-</u></b>	2021229135
<b><u>E02B 17 /-</u></b>	2021200282	<b><u>F01K 17 /-</u></b>	2020289847	2018339445	<b><u>F42D 3 /-</u></b>
2021200282	<b><u>E04H 17 /-</u></b>	2017244040	<b><u>F15D 1 /-</u></b>	<b><u>F21V 21 /-</u></b>	2017265930
<b><u>E02B 3 /-</u></b>	2020341253	<b><u>F01N 3 /-</u></b>	2018215123	2021269567	<b><u>G01B 11 /-</u></b>
2021200282	<b><u>E04H 3 /-</u></b>	2019368954	<b><u>F16B 13 /-</u></b>	<b><u>F21V 23 /-</u></b>	2017279744
<b><u>E02F 3 /-</u></b>	2021200282	2020369432	2020227874	2021201937	2020249007
2016414417	<b><u>E05C 9 /-</u></b>	<b><u>F01P 3 /-</u></b>	<b><u>F16B 7 /-</u></b>	<b><u>F21V 7 /-</u></b>	<b><u>G01B 21 /-</u></b>
		2016410305	2019428302		2017279744

Applications Accepted - IPC Index cont'd

<b><u>G01D 18 /-</u></b>	2021232671	2017296038	2021218016	<b><u>G08B 21 /-</u></b>	<b><u>H01B 1 /-</u></b>
2021201013	<b><u>G01V 1 /-</u></b>	2021204819	<b><u>G06Q 10 /-</u></b>	2017382986	2018207179
<b><u>G01H 3 /-</u></b>	2017343749	2021215213	2018248740	<b><u>G08B 31 /-</u></b>	<b><u>H01B 3 /-</u></b>
2021232671	2020275806	2021250944	2019273970	2019273970	2017421247
<b><u>G01L 1 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06F 21 /-</u></b>	2019371364	<b><u>G08C 17 /-</u></b>	<b><u>H01B 7 /-</u></b>
2020249007	2017366165	2017296038	2019389172	2021212146	2017421247
2020275806	<b><u>G02B 26 /-</u></b>	2019426916	2021202350	<b><u>G08C 25 /-</u></b>	<b><u>H01F 27 /-</u></b>
<b><u>G01N 1 /-</u></b>	2018270948	2020234675	2021212025	2021212146	2019353400
2016349644	<b><u>G02B 27 /-</u></b>	2020237597	2021221871	2021212146	<b><u>H01H 23 /-</u></b>
2017233436	2017366165	<b><u>G06F 3 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G09B 23 /-</u></b>	2017279690
2017382986	2018270948	2019346631	2017250000	2017292892	<b><u>H01L 27 /-</u></b>
<b><u>G01N 21 /-</u></b>	<b><u>G02B 5 /-</u></b>	2020432954	2017257446	2019357720	2019474452
2017279744	2017366165	2021245097	2020377855	2020260764	2021250919
2018254514	2018270948	<b><u>G06F 30 /-</u></b>	2022200190	<b><u>G09F 3 /-</u></b>	<b><u>H01L 33 /-</u></b>
2018304910	<b><u>G02B 6 /-</u></b>	2021215213	<b><u>G06Q 30 /-</u></b>	201200827	2017366165
2018317826	2018270948	<b><u>G06F 40 /-</u></b>	2021245099	<b><u>G10H 1 /-</u></b>	2018227186
2019453229	2019329933	2018432789	<b><u>G06Q 50 /-</u></b>	2020432954	<b><u>H01L 39 /-</u></b>
2021209272	<b><u>G02C 1 /-</u></b>	2021212025	2016273921	<b><u>G10L 15 /-</u></b>	2021201798
<b><u>G01N 27 /-</u></b>	2022202255	<b><u>G06F 8 /-</u></b>	2019371364	2020264367	2021250919
2018224829	<b><u>G02C 7 /-</u></b>	2018252007	2021212025	<b><u>G10L 17 /-</u></b>	<b><u>H01L 51 /-</u></b>
<b><u>G01N 33 /-</u></b>	2018206488	<b><u>G06F 9 /-</u></b>	2021221871	2021215231	2019289206
2016328277	2022202255	2018252007	<b><u>G06T 11 /-</u></b>	<b><u>G10L 21 /-</u></b>	<b><u>H01M 10 /-</u></b>
2016340826	<b><u>G02F 1 /-</u></b>	2019377216	2021221871	2020432954	2016430985
2016341399	2019368534	2020237597	<b><u>G06T 15 /-</u></b>	<b><u>G10L 25 /-</u></b>	2020216226
2016349644	2021200729	2021200467	2017279801	2020432954	2020319679
2017382986	<b><u>G05B 19 /-</u></b>	2021201363	<b><u>G06T 19 /-</u></b>	2020432954	2020321601
2019453229	2021225875	<b><u>G06K 17 /-</u></b>	2018270948	<b><u>G11B 20 /-</u></b>	2020322166
2021209272	<b><u>G05B 9 /-</u></b>	2021215207	<b><u>G06T 7 /-</u></b>	2020432954	2020323712
<b><u>G01R 15 /-</u></b>	2021225875	<b><u>G06K 19 /-</u></b>	2019273970	<b><u>G11B 27 /-</u></b>	2021236438
2021212146	<b><u>G05D 1 /-</u></b>	2021204747	2021232682	2020432954	<b><u>H01M 4 /-</u></b>
<b><u>G01R 31 /-</u></b>	2017281300	<b><u>G06K 7 /-</u></b>	2021245099	2020432954	2020319679
2020216226	2021225875	2020377855	<b><u>G06T 9 /-</u></b>	<b><u>G16H 10 /-</u></b>	2020321601
<b><u>G01R 33 /-</u></b>	<b><u>G06F 1 /-</u></b>	2020391337	2021245097	2021245097	2020322166
2020248421	2019426916	<b><u>G06K 9 /-</u></b>	2021245097	<b><u>G16H 15 /-</u></b>	2020323712
2021201013	2021200894	2020317917	<b><u>G07C 5 /-</u></b>	2021245097	<b><u>H01M 8 /-</u></b>
<b><u>G01S 15 /-</u></b>	<b><u>G06F 11 /-</u></b>	2021232682	2021236438	<b><u>G16H 30 /-</u></b>	2016430985
2021232671	2020267132	2021245099	<b><u>G07C 9 /-</u></b>	2021245097	2020251188
<b><u>G01S 17 /-</u></b>	2021201363	<b><u>G06N 10 /-</u></b>	2020217784	2021245097	2020281450
2021204033	<b><u>G06F 16 /-</u></b>	2021201798	<b><u>G07F 17 /-</u></b>	2021245097	<b><u>H01R 39 /-</u></b>
<b><u>G01S 3 /-</u></b>	2020267132	2021250919	2021204552	<b><u>G21B 1 /-</u></b>	2017274515
2021232671	2021201363	<b><u>G06N 3 /-</u></b>	<b><u>G07G 1 /-</u></b>	2021261641	<b><u>H02G 3 /-</u></b>
<b><u>G01S 5 /-</u></b>	<b><u>G06F 17 /-</u></b>	2020432954	2020377855	2017319402	2018271230
2018248740	2019389172	2021245099	<b><u>G08B 13 /-</u></b>	2021212146	<b><u>H02H 1 /-</u></b>
2019347688	2021212025	<b><u>G06N 5 /-</u></b>	2021231676		
<b><u>G01S 7 /-</u></b>	2017257446	2021212025			
		<b><u>G06N 99 /-</u></b>			

Applications Accepted - IPC Index cont'd

<b><u>H02H 3 /-</u></b>	2019347688	2017423954
2021212146	<b><u>H04H 60 /-</u></b>	2019342135
		2020223140
<b><u>H02H 5 /-</u></b>	2020432954	<b><u>H04W 4 /-</u></b>
2021212146	<b><u>H04L 1 /-</u></b>	2019346631
<b><u>H02J 15 /-</u></b>	2019220254	2021215207
2019441003	2019419653	2022241545
	2021254591	<b><u>H04W 48 /-</u></b>
<b><u>H02J 3 /-</u></b>	<b><u>H04L 27 /-</u></b>	2019425547
2020218393	2017423954	<b><u>H04W 52 /-</u></b>
	2021202799	
<b><u>H02J 50 /-</u></b>	<b><u>H04L 45 /-</u></b>	2017423954
2021200894	2020437137	2018430324
<b><u>H02J 7 /-</u></b>	<b><u>H04L 5 /-</u></b>	2019241028
2020216226	2019220254	2019418268
2021200894	2019342135	2021202799
2021236438	2019347688	<b><u>H04W 72 /-</u></b>
2021281698		2017423954
<b><u>H02K 21 /-</u></b>	<b><u>H04N 13 /-</u></b>	2018402429
2021281698	2021203450	2020214490
<b><u>H02P 27 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H04W 74 /-</u></b>
2019437996	2018237153	2018442418
	2018332398	2020214490
<b><u>H02P 3 /-</u></b>	2018371372	<b><u>H04W 76 /-</u></b>
2021281698	2019278991	2019418268
	2019320321	2020267579
<b><u>H02P 6 /-</u></b>	2019369543	<b><u>H04W 8 /-</u></b>
2021281698	2021200241	2022241545
	2021203450	<b><u>H04W 84 /-</u></b>
<b><u>H02P 9 /-</u></b>	2021204255	2022241545
2021281698	2021204661	<b><u>H04W 88 /-</u></b>
	<b><u>H04N 21 /-</u></b>	2019418268
<b><u>H02S 40 /-</u></b>	2018237153	<b><u>H05B 1 /-</u></b>
2019441003	2020222959	2021212146
	2020432954	<b><u>H05B 3 /-</u></b>
<b><u>H03G 3 /-</u></b>	<b><u>H04R 29 /-</u></b>	2021212146
2021202799	2020432954	<b><u>H05B 3 /-</u></b>
	2021261641	2021212146
<b><u>H03K 19 /-</u></b>	<b><u>H04R 3 /-</u></b>	<b><u>H05B 45 /-</u></b>
2021201798	2020432954	2019368534
		2021201937
<b><u>H03K 3 /-</u></b>	<b><u>H04R 5 /-</u></b>	<b><u>H05B 47 /-</u></b>
2021201798	2020432954	2019368534
<b><u>H04B 1 /-</u></b>	<b><u>H04W 12 /-</u></b>	<b><u>H05H 1 /-</u></b>
2020289718	2019346631	2017319402
2021204819	2019348603	<b><u>H05K 1 /-</u></b>
<b><u>H04B 5 /-</u></b>	2021215207	2021204033
2020217784	<b><u>H04W 16 /-</u></b>	
<b><u>H04B 7 /-</u></b>	2018402429	
2018214040	<b><u>H04W 24 /-</u></b>	
2019342135		



**Certified Innovation Patents**

**Name Index**

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

---

(71) Best Masonry Bricks & Pavers Pty Ltd  
 (11) AU-B-2021105780  
 (21) 2021105780 (22) 18.08.2021  
 (54) Retaining Wall System and Blocks for Building the Retaining Wall  
 (51) Int. Cl.  
*E02D 29/02* ( 2006.01 )  
 (45) 24.11.2022  
 (72) Ranaldo, Domenico  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

---

(71) Eazy Azz Pty Ltd  
 (11) AU-B-2022100026  
 (21) 2022100026 (22) 03.02.2022  
 (54) OYSTER TRAY  
 (51) Int. Cl.  
*B65D 81/34* ( 2006.01 )  
*A21B 5/02* ( 2006.01 )  
*A22C 29/04* ( 2006.01 )  
*B65D 1/36* ( 2006.01 )  
*B65D 85/50* ( 2006.01 )  
 (45) 24.11.2022  
 (62) 2016201006  
 (72) Skilton, David  
 (74) Mann IP

---

(71) N2 Packaging Systems, LLC  
 (11) AU-B-2015101950  
 (21) 2015101950 (22) 19.10.2015  
 (54) Container for federally controlled substance  
 (51) Int. Cl.  
*B65B 31/04* ( 2006.01 )  
*B65D 50/00* ( 2006.01 )  
*B65D 81/20* ( 2006.01 )  
 (31) 14/519,031 (32) 20.10.14 (33) US  
 (45) 24.11.2022  
 (72) Sibley, David P.  
 (74) A.P.T. Patent and Trade Mark Attorneys

**Numerical Index**

**2015101950** N2 Packaging Systems, LLC  
**2021105780** Best Masonry Bricks & Pavers Pty Ltd  
**2022100026** Eazy Azz Pty Ltd

**IPC Index**

**A21B 5 /-**

2022100026

**A22C 29 /-**

2022100026

**B65B 31 /-**

2015101950

**B65D 1 /-**

2022100026

**B65D 50 /-**

2015101950

**B65D 81 /-**

2015101950

2022100026

**B65D 85 /-**

2022100026

**E02D 29 /-**

2021105780

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2017331808 **Mine Site Technologies Pty Ltd ( R F INDUSTRIES PTY LTD )**

**Opposition Withdrawn**

2020201859 **Technological Resources Pty. Limited ( Epiroc Australia Pty Ltd )**

2020203002 **Pivot Bio, Inc. ( Rozenberg & Co Pty Ltd )**

**Opposition Dismissed - Proceed to Grant**

2020230282 **Intervet International B.V. ( Jones Tulloch )**

**Patents Granted**

**Standard Patents**

2016243052	2016259012	2016265560	2016271607
2016273980	2016275046	2016276702	2016280215
2016281717	2016286364	2016292762	2016294347
2016297523	2016298394	2016301189	2016301391
2016303631	2016315838	2016341307	2016342355
2016343239	2016348659	2016359706	2016364845
2016366978	2016367520	2016375172	2016383376
2016384579	2016391690	2016406794	2016410602
2016411250	2016425871	2016432430	2016433970
2017200673	2017200935	2017201765	2017202207
2017202520	2017202695	2017203320	2017206041
2017206189	2017207534	2017212269	2017216881
2017217559	2017218439	2017224232	2017225113
2017225901	2017230728	2017233415	2017237101
2017239640	2017242900	2017246222	2017246334
2017246361	2017247005	2017248840	2017253690
2017254454	2017259158	2017260580	2017261611
2017265383	2017266447	2017266815	2017268333
2017268472	2017268910	2017270800	2017273508
2017277499	2017279897	2017280114	2017281735
2017285334	2017285474	2017286194	2017286836
2017287886	2017288044	2017288052	2017290708
2017294769	2017296589	2017298302	2017299435
2017300080	2017301041	2017301769	2017301911
2017303243	2017305520	2017313142	2017313449
2017314105	2017316358	2017323389	2017323639
2017324759	2017330158	2017331438	2017332262
2017333674	2017334468	2017334871	2017336083
2017336683	2017339103	2017339874	2017340748
2017344052	2017345521	2017345814	2017346477
2017347825	2017348375	2017349465	2017349620
2017350941	2017351742	2017355123	2017360746
2017362250	2017362497	2017364316	2017366755
2017367302	2017382258	2017382360	2017386086
2017387025	2017388342	2017390257	2017397787
2017397947	2017400688	2017405059	2017410335
2017445157	2018200398	2018206166	2018207572
2018216105	2018219241	2018219287	2018221709
2018223172	2018229747	2018239380	2018240552
2018243724	2018251876	2018254616	2018255294
2018273337	2018273340	2018273341	2018274881
2018278247	2018280952	2018281871	2018284733
2018288695	2018291021	2018296423	2018303842
2018304493	2018304549	2018329903	2018333287
2018336944	2018337065	2018388865	2018395010
2018409749	2018423019	2018427566	2018427768
2018435028	2018441905	2018442982	2018445278

**Patents Granted**

**Standard Patents**

2018450490	2019219751	2019222750	2019223187
2019228589	2019246446	2019255353	2019262482
2019269187	2019273201	2019273246	2019274444
2019274669	2019276189	2019282986	2019285054
2019286380	2019290813	2019292457	2019300055
2019302968	2019308175	2019312209	2019312678
2019313768	2019326353	2019332824	2019333073
2019333159	2019333169	2019334877	2019335548
2019336588	2019339912	2019341169	2019346660
2019347155	2019347228	2019348202	2019351960
2019352310	2019360520	2019363616	2019367836
2019380766	2019381113	2019384472	2019388142
2019388670	2019414279	2019420409	2019424802
2019429836	2019432494	2019433460	2019443058
2019462996	2020200029	2020201233	2020201287
2020201853	2020202177	2020202238	2020202265
2020202847	2020203135	2020203170	2020204436
2020207000	2020208190	2020209370	2020210256
2020210473	2020213384	2020214409	2020214895
2020217428	2020219679	2020220058	2020220167
2020220614	2020223680	2020223681	2020223682
2020223685	2020223686	2020223699	2020224828
2020232818	2020233705	2020239722	2020239757
2020244422	2020244524	2020250281	2020260391
2020260404	2020260513	2020265090	2020267141
2020277271	2020277279	2020279774	2020280997
2020289784	2020289867	2020294155	2020294233
2020294236	2020294306	2020309245	2020319579
2020321751	2020334595	2020334716	2020337625
2020338944	2020342700	2020348655	2020352890
2020392910	2020393199	2020407360	2020455056
2021200199	2021200213	2021200325	2021200330
2021200449	2021200564	2021200709	2021200794
2021200805	2021201011	2021201269	2021201318
2021201333	2021201602	2021201901	2021201987
2021202065	2021202469	2021203177	2021203195
2021203453	2021203649	2021203743	2021204001
2021204185	2021204541	2021204646	2021205038
2021215167	2021218159	2021221518	2021230398
2021254524	2021286428	2021307014	2021309568
2021323388	2021326003	2022203454	

**Innovation Patents**

2019101835 2022100149 2022100152

**Assignments Registered**

2006316767 Ganymed Pharmaceuticals GmbH; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten The patent has been assigned to **Astellas Pharma Inc.; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2007259057 Churchill Drilling Tools Limited The patent has been assigned to **Coretrax Global Limited**

2008246195 Chimerix, Inc. The patent has been assigned to **EMERGENT BIODEFENCE OPERATIONS LANSING LLC**

2008256489 Johannes Gutenberg-Universität Mainz; Ganymed Pharmaceuticals GmbH The patent has been assigned to **TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; Astellas Pharma Inc.**

2009202244 Interlemon Holding S.A. The patent has been assigned to **Lémo S.A.**

**Assignments Registered**

2009343135 Moffat, Brian The patent has been assigned to **Lone Gull Holdings, Ltd.**

2010215111 S.M BALANCE HOLDINGS The patent has been assigned to **Spot-On Therapeutics Ltd.**

2010229319 General Electric Technology GmbH The patent has been assigned to **Integrated Global Services, Inc.**

2010244279 Churchill Drilling Tools Limited The patent has been assigned to **Coretrax Global Limited**

2010244283 Churchill Drilling Tools Limited The patent has been assigned to **Coretrax Global Limited**

2011236014 Robertson, Struan The patent has been assigned to **Nilwaste Energy Limited**

2011295937 Chimerix, Inc. The patent has been assigned to **EMERGENT BIODEFENCE OPERATIONS LANSING LLC**

2012202671 Fluidra Group Australia Ptd Ltd; Fabtronics Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Ptd Ltd; Fluidra Group Australia Pty Ltd**

2014200842 Joh. Friedrich Behrens AG The patent has been assigned to **BeA GmbH**

2014208256 Ganymed Pharmaceuticals GmbH; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten The patent has been assigned to **Astellas Pharma Inc.; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2014340018 Equalaire Systems, Inc. The patent has been assigned to **Pressure Systems International, LLC**

2014346426 Equalaire Systems, Inc. The patent has been assigned to **Pressure Systems International, LLC**

2015201895 Chimerix, Inc. The patent has been assigned to **EMERGENT BIODEFENCE OPERATIONS LANSING LLC**

2016202322 Ganymed Pharmaceuticals GmbH; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten The patent has been assigned to **Astellas Pharma Inc.; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2016243552 Armstrong World Industries, Inc. The patent has been assigned to **AHF, LLC**

2016243556 Armstrong World Industries, Inc. The patent has been assigned to **AHF, LLC**

2016254147 Nanofiber Solutions, LLC The patent has been assigned to **NFS IP HOLDINGS, LLC**

2017230741 Equalaire Systems, Inc. The patent has been assigned to **Pressure Systems International, LLC**

2017284889 Joh. Friedrich Behrens AG The patent has been assigned to **BeA GmbH**

2018200788 Moffat, Brian The patent has been assigned to **Lone Gull Holdings, Ltd.**

2018203410 Joh. Friedrich Behrens AG The patent has been assigned to **BeA GmbH**

2018411567 Simonsen, David The patent has been assigned to **Fairview Architectural, LLC**

**Assignments Registered**

2019204131 Equalaire Systems, Inc. The patent has been assigned to **Pressure Systems International, LLC**

2020277082 Nanofiber Solutions, LLC The patent has been assigned to **NFS IP HOLDINGS, LLC**

2021105680 Miners, Allan The patent has been assigned to **Rotalin International Pty Ltd**

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2011265093 Targus International LLC ( PNC Bank, National Association )

2012212087 Targus International LLC ( PNC Bank, National Association )

2013205074 Targus International LLC ( PNC Bank, National Association )

2015200203 Targus International LLC ( PNC Bank, National Association )

2015249066 Targus International LLC ( PNC Bank, National Association )

2015362706 Targus International LLC ( PNC Bank, National Association )

2016201721 Targus International LLC ( PNC Bank, National Association )

2017202751 Targus International LLC ( PNC Bank, National Association )

2017322216 Targus International LLC ( PNC Bank, National Association )

2018302723 Targus International LLC ( PNC Bank, National Association )

2020345678 Targus International LLC ( PNC Bank, National Association )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

2020203306 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

Extension of Term of patent pursuant to Section 77 expires on 29 Mar 2037

**Corrigenda**

In Vol 33 , No 26 , Page(s) 3789 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Immutep S.A.S., Application No. 2017380353, under INID (72) add co-inventor Chen, Min

In Vol 36 , No 44 , Page(s) 6130 under the heading **Applications Accepted - Name Index** Under the name Immutep S.A.S., Application No. 2017380353, under INID (72) add co-inventor Chen, Min

## Corrigenda

In Vol 36 , No 45 , Page(s) 6164 under the heading **Amendments - Amendments Made** Under the name Industrial Tomography Systems Ltd, Application No. 2021245390, under INID (72) correct the inventor name to MACHIN, Thomas David and WEI, Hsin-Yu

In Vol 36 , No 45 , Page(s) 6164 under the heading **Amendments - Amendments Made** Under the name Huawei Technologies Co., Ltd., Application No. 2021248280, under INID (54) correct the title, to read ACCESS POINT AP MULTI-LINK DEVICE DISCOVERY METHOD AND RELATED APPARATUS

In Vol 36 , No 46 , Page(s) 6258 under the heading **Provisional Applications Filed - Name Index** Under the name Monash University.; RMIT University, Application No. 2022903284, under INID (71) correct the applicant name to Monash University ; Royal Melbourne Institute of Technology

## Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2018227862	<b>Caterpillar Trimble Control Technologies LLC</b>
2018354068	<b>Pfenex Inc.</b>
2019374439	<b>Unilever Global IP Limited</b>
2020269874	<b>Kuhne Anlagenbau GmbH</b>
2022215291	<b>Celularity Inc.</b>