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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

Table of Contents
Table des matières

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (**www.wipo.int/scit/en/standards/standards.htm**).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (**www.wipo.int/scit/fr/standards/standards.htm**).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (**www.strategis.ic.gc.ca/patentsorder**) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (**www.strategis.ic.gc.ca/brevetscommande**) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After June 3, 2020

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1961***
For each additional sheet over 30	**$22**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 3 juin 2020

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1961 $***
Pour chaque feuille au delà de 30	**22 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$295**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$295** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$442** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **295 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **295 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **442 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

Publication date: May 10, 2017
Amendment date: June 17, 2019

On this page:

14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html

Date de publication : 10 mai 2017
Date de modification : 17 juin 2019

Sur cette page :

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

fourni comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada
  C.D. Howe Building
  235 Queen Street, Room S-143
  Ottawa ON K1A 0H5
  Tel.: 343-291-3436

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC H3B 2V6
  Tel.: 514-496-1797
  Toll-free: 1-888-237-3037

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  151 Yonge Street, 4th Floor
  Toronto ON M5C 2W7
  Tel.: 416-973-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée** et qu'**aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada
  Édifice C.D. Howe
  235, rue Queen, pièce S-143
  Ottawa (Ontario) K1A 0H5
  Tél. : 343-291-3436

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Édifice Sun Life
  1155, rue Metcalfe, bureau 950
  Montréal (Québec) H3B 2V6
  Tél. : 514-496-1797
  Sans frais : 1-888-237-3037

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  151, rue Yonge, 4e étage
  Toronto (Ontario) M5C 2W7
  Tél. : 416-973-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à

except statutory holiday

- Innovation, Science and Economic Development Canada
  Canada Place
  9700 Jasper Avenue, Suite 725
  Edmonton AB T5J 4C3
  Tel.: 780-495-4782
  Toll-free: 1-800-461-2646

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1
  Tel.: 604-666-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Canada Place
  9700, avenue Jasper, pièce 725
  Edmonton (Alberta) T5J 4C3
  Tél. : 780-495-4782
  Sans frais : 1-800-461-2646

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des établissements ou des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered to the Commissioner of Patents by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour ou l'OPIC l'a reçue (Heure de l'Est).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

(819) 953-CIPO (2476) or (819) 953-OPIC (6742)

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment, will be considered not to have been received.

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

2.1 Correspondance par télécopieur

La correspondance en noir et blanc par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (6742) ou 819-953-CIPO (2476)

La correspondance en couleur par télécopieur (modèle **:** Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvénients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents; and
- ordering copies in paper, or electronic form of a document.

Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- registration of a trademark application;

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

:

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- l'enregistrement d'une marque de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'application web en ligne de la Commission des oppositions des marques de commerce.

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Note: all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

Brevets

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l’application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la section 2.2 des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l’application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d’un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d’un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L’image numérisée/stockée devrait être dans une résolution d’au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou règlementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé℠, ou par Xpresspost℠ de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the WIPO website.

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible sur le site web de l'OMPI.

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé[MC], par Xpresspost[MC] ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance. Il est toujours

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA[MC], Mastercard[MC] ou American Express[MC] ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 24, 2020 contains applications open to public inspection from November 8, 2020 to November 14, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 novembre 2020 contient les demandes disponibles au public pour consultation pour la période du 8 novembre 2020 au 14 novembre 2020.

Canadian Patents Issued

November 24, 2020

Brevets canadiens délivrés

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[54] **PHARMACEUTICAL COMPOSITION OF OXIDISED AVIDIN SUITABLE FOR INHALATION**
[54] **COMPOSITION PHARMACEUTIQUE D'AVIDINE OXYDEE ADAPTEE A L'INHALATION**
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[73] ALFASIGMA S.P.A., IT
[85] 2014-01-17
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[54] **A DECISION-SUPPORT APPLICATION AND SYSTEM FOR MEDICAL DIFFERENTIAL-DIAGNOSIS AND TREATMENT USING A QUESTION-ANSWERING SYSTEM**
[54] **SYSTEME ET APPLICATION D'AIDE A LA DECISION POUR DIAGNOSTIC DIFFERENTIEL MEDICAL ET TRAITEMENT MEDICAL UTILISANT UN SYSTEME DE QUESTIONS-REPONSES**
[72] BAGCHI, SUGATO, US
[72] FERRUCCI, DAVID A., US
[72] LEVAS, ANTHONY T., US
[72] MUELLER, ERIK T., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **ELASTOGRAPHY USING ULTRASOUND IMAGING OF A THIN VOLUME**
[54] **ELASTOGRAPHIE A L'AIDE D'UNE ECHOGRAPHIE D'UN VOLUME FIN**
[72] BAGHANI, ALI, CA
[72] ESKANDARI, HANI, CA
[72] ROHLING, ROBERT N., CA
[72] SALCUDEAN, SEPTIMU E., CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **METHOD TO ACTIVELY CONTROL STEAM VELOCITY**
[54] **PROCEDE DE REGULATION ACTIVE DE LA VITESSE DE VAPEUR**
[72] CRAWFORD, JONATHAN, US
[73] HONEYWELL ASCA INC., CA
[86] (2848550)
[87] (2848550)
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[25] EN
[54] **INTEGRATED SOFTWARE DEVELOPMENT AND DEPLOYMENT ARCHITECTURE AND HIGH AVAILABILITY CLIENT-SERVER SYSTEMS GENERATED USING THE ARCHITECTURE**
[54] **ARCHITECTURE DE DEVELOPPEMENT ET DE DEPLOIEMENT DE LOGICIEL INTEGREE ET SYSTEMES CLIENT-SERVEUR A DISPONIBILITE ELEVEE GENERES A L'AIDE DE L'ARCHITECTURE**
[72] HILL, ANTHONY L., US
[72] FRISBIE, RANDAL L., US
[72] MOORE, ERIC JOHN, US
[72] KING, HUBERT S., US
[72] POTTS, DAVID B., US
[73] HARTIGEN SOLUTIONS, LLC, US
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[54] **ROTATING ELECTRONIC DISPLAY ADAPTER**
[54] **ADAPTATEUR D'AFFICHAGE ELECTRONIQUE ROTATIF**
[72] TSCHANN, MATTHEW, US
[72] FREEMAN, KENNETH J., US
[73] ROSEMOUNT AEROSPACE INC., US
[86] (2852071)
[87] (2852071)
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[54] **CROP FLOW ASSISTANCE DEVICE FOR HARVESTING HEADER**
[54] **DISPOSITIF D'AIDE A LA RECOLTE POUR BEC DE COUPE**
[72] HONEY, GREGORY, CA
[72] HONEY, GLENN, CA
[73] HONEY BEE MANUFACTURING LTD., CA
[86] (2852829)
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[54] **WIRELESS HOME ENERGY MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE SANS FIL DE CONSOMMATION D'ENERGIE D'UN FOYER**
[72] POLLARD, GARY, US
[72] WASHINGTON, RODNEY, US
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2014-04-17
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[54] **VECTORS ENCODING ROD-DERIVED CONE VIABILITY FACTOR**
[54] **VECTEURS CODANT POUR UN FACTEUR DE VIABILITE DES CONES DERIVE DES BATONNETS**
[72] LUO, TIANCI, US
[73] WELLSTAT OPHTHALMICS CORPORATION, US
[85] 2014-04-23
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[51] **Int.Cl. D06F 39/02 (2006.01) A47L 15/44 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR CONTROLLED DOSING OF TREATING COMPOSITIONS IN WASHING MACHINES**
[54] **PROCEDE ET DISPOSITIF DE DOSAGE CONTROLE DE COMPOSITIONS DE TRAITEMENT DANS DES MACHINES A LAVER**
[72] MCKENNA, SHAUNA, GB
[72] PEDLEY, EDMUND, GB
[72] THOMAS, DAVID, GB
[72] WASONGA, JOHN, GB
[73] RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED, GB
[85] 2014-05-21
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A POLYMERIC CARRIER CARGO COMPLEX AND AT LEAST ONE PROTEIN OR PEPTIDE ANTIGEN**
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT UN COMPLEXE DE CARGAISON PORTEUSE POLYMERIQUE ET AU MOINS UNE PROTEINE OU UN ANTIGENE PEPTIDE**
[72] BAUMHOF, PATRICK, DE
[72] KRAMPS, THOMAS, DE
[72] VOSS, SOHNKE, DE
[72] KALLEN, KARL-JOSEF, DE
[72] FOTIN-MLECZEK, MARIOLA, DE
[73] CUREVAC AG, DE
[85] 2014-05-22
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[54] **AN AEROSOL GENERATING DEVICE WITH ADJUSTABLE AIRFLOW**
[54] **DISPOSITIF DE GENERATION D'AEROSOL A ECOULEMENT D'AIR REGLABLE**
[72] DUBIEF, FLAVIEN, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2014-06-03
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[54] **PROCESS FOR THE PREPARATION OF TRAVOPROST**
[54] **PROCEDE POUR LA PREPARATION DE TRAVOPROST**
[72] KARDOS, ZSUZSANNA, HU
[72] KISS, TIBOR, HU
[72] LASZLOFI, ISTVAN, HU
[72] HORTOBAGYI, IREN, HU
[72] BISCHOF, ZOLTAN, HU
[72] BODIS, ADAM, HU
[72] HAVASI, GABOR, HU
[73] CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT, HU
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[25] EN
[54] **METHOD FOR TREATING IMPURITIES CONTAINED IN EXHAUST GASES OF SHIPS, SHIP WITH A SCRUBBER, AND PURIFICATION UNIT**
[54] **PROCEDE DE TRAITEMENT DES IMPURETES CONTENUES DANS LES GAZ D'ECHAPPEMENT DES NAVIRES, NAVIRE POURVU D'UN EPURATEUR ET BLOC D'EPURATION**
[72] LANGH, HANS, FI
[73] OY LANGH TECH AB, FI
[85] 2014-06-06
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[54] **DAIRY MINERAL-FORTIFIED LIQUID DAIRY PRODUCTS AND METHODS FOR MAKING THE DAIRY MINERAL-FORTIFIED LIQUID DAIRY PRODUCTS**
[54] **PRODUITS LAITIERS LIQUIDES ENRICHIS EN MINERAUX DU LAIT ET PROCEDES DE FABRICATION DESDITS PRODUITS LAITIERS LIQUIDES ENRICHIS EN MINERAUX DU LAIT**
[72] CRIEZIS, ANTHONY WILLIAM, US
[72] CAMPBELL, BRUCE EDWARD, US
[72] DIERBACH, LISA ANN, US
[72] KIMMEL, JENNIFER LOUISE, US
[72] KNIGHT, TIMOTHY DAVID, US
[72] SCHUERMAN, JOSEPH MICHAEL, US
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[25] EN
[54] **METHOD FOR NITROGEN RECOVERY FROM AN AMMONIUM COMPRISING FLUID AND BIO-ELECTROCHEMICAL SYSTEM**
[54] **PROCEDE DE RECUPERATION D'AZOTE DANS UN FLUIDE CONTENANT DE L'AMMONIUM ET SYSTEME BIO-ELECTROCHIMIQUE**
[72] KUNTKE, PHILIPP, NL
[72] SLEUTELS, TOMAS HUBERTUS JOHANNES ANTONIUS, NL
[72] HAMELERS, HUBERTUS VICTOR MARIE, NL
[72] SAAKES, MACHIEL, NL
[72] BUISMAN, CEES JAN NICO, NL
[73] W&F TECHNOLOGIES B.V., NL
[85] 2014-07-09
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[54] **LATEX POLYMER FOR IMPROVED PAINT WASHABILITY**
[54] **POLYMERE DE LATEX DESTINE A UNE APTITUDE AU LAVAGE AMELIOREE DE PEINTURE**
[72] HIBBEN, MARY JANE, US
[72] WILDMAN, MICHAEL C., US
[72] KILLILEA, HOWARD T., US
[72] HEIDEN, WILLIAM D., US
[72] JOHNSON, BRUCE A., US
[73] SWIMC LLC, US
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[54] **METHODS OF MEASURING A CHARACTERISTIC OF A CREPING ADHESIVE FILM AND METHODS OF MODIFYING THE CREPING ADHESIVE FILM**
[54] **PROCEDES DE MESURE D'UNE CARACTERISTIQUE D'UN FILM ADHESIF DE CREPAGE ET PROCEDES DE MODIFICATION DU FILM ADHESIF DE CREPAGE**
[72] GRIGORIEV, VLADIMIR, US
[72] NGUYEN, DANNY, US
[72] ROSENCRANCE, SCOTT, US
[72] LU, CHEN, US
[73] KEMIRA OYJ, FI
[85] 2014-09-12
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[54] **DETECTION AND TRACKING OF DAMAGE OR IMPACT OF A FOREIGN OBJECT ON AN AIRCRAFT ENGINE FAN**
[54] **DETECTION ET SUIVI D'UN ENDOMMAGEMENT OU D'UN IMPACT D'OBJET ETRANGER SUR UNE SOUFFLANTE D'UN MOTEUR D'AERONEF**
[72] TOURIN, DAVID, FR
[72] FERDINAND, PIERRE, FR
[72] GEREZ, VALERIO, FR
[72] LEROUX, ANDRE, FR
[73] SNECMA, FR
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[25] EN
[54] **IMPROVED PROCESSES FOR THE PREPARATION OF 1-ARYL-5-ALKYL PYRAZOLE COMPOUNDS**
[54] **PROCEDES PERFECTIONNES POUR LA PREPARATION DE COMPOSES 1-ARYL-5-ALKYLPYRAZOLES**
[72] MENG, CHARLES Q., US
[72] LE HIR DE FALLOIS, LOIC PATRICK, US
[72] LEE, HYOUNG IK, US
[72] ZHAN, XINXI, CN
[72] LABROSSE, JEAN-ROBERT, FR
[72] MULHAUSER, MICHEL, FR
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
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[54] **TRAITEMENT DE LA DMLA EN UTILISANT AAV SFLT-1**
[72] CONSTABLE, IAN J., AU
[72] RAKOCZY, P. ELIZABETH, AU
[72] LAI, CHOOI-MAY, AU
[72] CHALBERG, THOMAS W., JR., US
[73] AVALANCHE AUSTRALIA PTY LTD., AU
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[30] US (61/678,555) 2012-08-01
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[54] **PROCEDE D'ISOLATION DE POLYPEPTIDES SOLUBLES**
[72] TANHA, JAMSHID, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[87] (2873906)
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[54] **BOAT COVER WITH AN INTERIOR STRAP STRUCTURE**
[54] **BACHE POUR BATEAU AVEC STRUCTURE DE BANDE INTERIEURE**
[72] LANGLEY, CHRISTOPHER, US
[73] CABELA'S LLC, US
[86] (2875277)
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[54] **USE OF TRYPTOPHAN RICH PROTEIN HYDROLYSATES**
[54] **UTILISATION D'HYDROLYSATS PROTEIQUES RICHES EN TRYPTOPHANE**
[72] GIBSON, LEIGH, CH
[72] GORALCZYK, REGINA, CH
[72] MOHAJERI, HASAN, CH
[72] WITTWER SCHEGG, JONAS, CH
[72] GOETZ, NICOLLE, CH
[72] KALARICKAL, CHRISTINA, CH
[72] KOENIG-GRILLO, SIMONE, CH
[72] KANNING, MARJA, CH
[72] KOENDERS, DAMIET JOSEPHINA PETRONELLA CUNERA, CH
[72] SIMONS, KATHLEEN, CH
[73] DSM IP ASSETS B.V., NL
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[25] EN
[54] **AMINOTRIAZOLOPYRIDINE FOR USE IN THE TREATMENT OF INFLAMMATION, AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **AMINOTRIAZOLOPYRIDINE POUR L'UTILISATION DANS LE TRAITEMENT DE L'INFLAMMATION, ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] VAN 'T KLOOSTER, GERBEN ALBERT ELEUTHERIUS, BE
[72] BRYS, REGINALD CHRISTOPHE XAVIER, BE
[72] VAN ROMPAEY, LUC JULIAAN CORINA, BE
[72] NAMOUR, FLORENCE SYLVIE, FR
[73] GALAPAGOS NV, BE
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[25] EN
[54] **METHODS AND COMPOSITION FOR ENHANCED FORAGE QUALITY**
[54] **PROCEDES ET COMPOSITION POUR QUALITE DE FOURRAGE AMELIOREE**
[72] HIATT, WILLIAM, US
[72] REDDY, MARRY S., US
[72] MCCASLIN, MARK, US
[72] TEMPLE, STEPHEN, US
[72] WHALEN, DAVID, US
[72] CERNY, RICHARD ERIC, US
[73] MONSANTO TECHNOLOGY LLC, US
[73] FORAGE GENETICS INTERNATIONAL, LLC, US
[85] 2014-12-23
[86] 2013-06-26 (PCT/US2013/047911)
[87] (WO2014/004683)
[30] US (61/664,359) 2012-06-26

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[25] EN
[54] **LAVATORY TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE TOILETTES**
[72] BURT, DIANE JOYCE, US
[72] LUCIANO, PRISCILA MIRA, US
[73] RECKITT BENCKISER LLC, US
[85] 2015-01-05
[86] 2013-07-15 (PCT/GB2013/051887)
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[30] US (61/672,029) 2012-07-16
[30] US (61/683,879) 2012-08-16
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[13] C
[51] **Int.Cl. C12N 15/52 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **METHODS FOR STABILIZING PRODUCTION OF ACETYL-COENZYME A DERIVED COMPOUNDS**
[54] **METHODES DE STABILISATION DE LA PRODUCTION DE COMPOSES DERIVES DE L'ACETYL-COENZYME A**
[72] JIANG, HANXIAO, US
[72] MEADOWS, ADAM, US
[73] AMYRIS, INC., US
[73] TOTAL MARKETING SERVICES, FR
[85] 2015-01-13
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[54] **CAPOT**
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[72] MONTELEONE, CHRIS, US
[73] SOHOODY, LLC, US
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[54] **DONNEES ENFOUIES SANS PERTE**
[72] CRAVEN, PETER GRAHAM, GB
[72] LAW, MALCOLM, GB
[73] MQA LIMITED, GB
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[25] EN
[54] **PRODUCTION METHOD OF THIENOPYRIMIDINE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE DE THIENOPYRIMIDINE**
[72] FUKUOKA, KOICHIRO, JP
[72] MIWA, KAZUHIRO, JP
[72] SASAKI, TSUYOSHI, JP
[72] KOMURA, FUMIYA, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2015-02-05
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[54] **TRAFFIC BARRIER LIFTER**
[54] **DISPOSITIF DE LEVAGE DE BARRIERE DE CIRCULATION**
[72] SOLOMON, WILLIAM J., US
[73] VACUWORX GLOBAL, LLC, US
[85] 2015-02-05
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[54] **METHODS OF TREATING ALZHEIMER'S DISEASE AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **PROCEDES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] SCHMIDT, ELLEN, DK
[72] AREBERG, JOHAN, SE
[73] H. LUNDBECK A/S, DK
[85] 2015-02-26
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[54] **AQUAPONICS SYSTEM AND METHOD THEREOF**
[54] **SYSTEME AQUAPONIQUE ET PROCEDE POUR CELUI-CI**
[72] BARBER, GLYNN, US
[73] BARBER, GLYNN, US
[85] 2015-03-04
[86] 2013-09-06 (PCT/US2013/058619)
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[51] **Int.Cl. F03B 13/06 (2006.01) F02C 6/16 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR ENERGY STORAGE**
[54] **MOYENS ET PROCEDES POUR STOCKAGE D'ENERGIE**
[72] LITTMANN, WOLFGANG, DE
[72] BOHM, NORBERT, DE
[73] ERNEO ENERGIESPEICHERSYSTEME GMBH, DE
[85] 2015-03-10
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[25] EN
[54] **SOLVENT EXTRACTION PROCESS**
[54] **PROCEDE D'EXTRACTION PAR SOLVANT**
[72] DUDLEY, KYM ANTHONY, AU
[72] SUMNER, ROBERT JOHN, AU
[73] BHP BILLITON OLYMPIC DAM CORPORATION PTY LTD, AU
[85] 2015-03-10
[86] 2013-09-13 (PCT/AU2013/001047)
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[25] EN
[54] **EQUIPMENT FOR UNLOADING BULK FREIGHTER AND BULK CARRIER**
[54] **EQUIPEMENT POUR DECHARGER UN CARGO GENERAL ET UN VRAQUIER**
[72] DE FREITAS, TERTULIANO FRANCISCO, BR
[72] SANTOS, WARLLEY SOARES, BR
[73] VALE S.A., BR
[73] SANTOS, WARLLEY SOARES, BR
[73] DE FREITAS, TERTULIANO FRANCISCO, BR
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[25] EN
[54] **METHODS, SYSTEMS, AND ARRAYS FOR BIOMOLECULAR ANALYSIS**
[54] **PROCEDES, SYSTEMES ET ARRANGEMENTS D'ANALYSE BIOMOLECULAIRE**
[72] RAJASEKARAN, JOHN J., US
[72] JAYARAMAN, VASANTH, US
[72] WANG, TIANHAO, US
[72] BEI, KANG, US
[72] KRISHNAMURTHY, HARI KRISHNAN, US
[73] VIBRANT HOLDINGS, LLC, US
[85] 2015-03-23
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[54] **OPTICAL OBJECTIVE WITH ENLARGEMENT OF THE EXIT PUPIL BY MEANS OF A DIFFRACTIVE ELEMENT**
[54] **OBJECTIF OPTIQUE PRESENTANT UN AGRANDISSEMENT DE LA PUPILLE DE SORTIE AU MOYEN D'UN ELEMENT DIFFRACTIF**
[72] MERCER, GRAHAM PETER FRANCIS, GB
[73] VISION ENGINEERING LIMITED, GB
[85] 2015-04-13
[86] 2013-04-12 (PCT/EP2013/057679)
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[54] **SYSTEMS AND METHODS FOR CREATING CURVED PATHS THROUGH BONE AND MODULATING NERVES WITHIN THE BONE**
[54] **SYSTEME ET METHODES DE CREATION DE CHEMINS INCURVES A TRAVERS UN OS ET DE MODULATION DES NERFS AU SEIN DE L'OS**
[72] PATEL, SAMIT, US
[72] PELLEGRINO, RICHARD, US
[72] FLAGLER, ROBERT, US
[73] RELIEVANT MEDSYSTEMS, INC., US
[85] 2015-04-23
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[25] EN
[54] **A FILM COMPOSITION, FILM MADE FROM THE FILM COMPOSITION AND A MULTI-LAYER FILM INCLUDING THE FILM AND ARTICLES MADE THEREFROM**
[54] **COMPOSITION DE FILM, FILM CONSTITUE DE LA COMPOSITION DE FILM ET FILM MULTICOUCHE COMPRENANT LE FILM ET ARTICLES CORRESPONDANTS**
[72] MA, HONGMING, US
[72] HERNANDEZ, CLAUDIA, US
[72] SAAVEDRA, JOSE, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-05-13
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[25] EN
[54] **CENTRIFUGAL EXPANDERS AND COMPRESSORS EACH WITH BOTH FLOW FROM PERIPHERY TO CENTER AND FLOW FROM CENTER TO PERIPHERY IN BOTH EXTERNAL HEAT AND INTERNAL COMBUSTION.**
[54] **DETENDEURS ET COMPRESSEURS CENTRIFUGES COMPORTANT CHACUN A LA FOIS UN ECOULEMENT DE LA PERIPHERIE VERS LE CENTRE ET UN ECOULEMENT DU CENTRE VERS LA PERIPHERIE, AUSSI BIEN A CHALEUR EXTERNE QU'A COMBUSTION INTERNE.**
[72] GRAF, RONALD E., US
[73] GRAF, RONALD E., US
[85] 2015-05-26
[86] 2013-01-03 (PCT/US2013/020065)
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[25] EN
[54] **ARGON PRODUCTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'ARGON**
[72] HOWARD, HENRY E., US
[72] KECHAGIA, PERSENFONI E., US
[72] BARRETT, PHILIP A., US
[72] HANDLEY, JAMES R., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2015-05-28
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[54] **DIPPER FOR A MINING SHOVEL**
[54] **BENNE CREUSANTE POUR PELLE D'EXTRACTION MINIERE**
[72] GROSS, MATTHEW L., US
[72] VOELZ, NICHOLAS, US
[72] NICOSON, RICHARD, US
[72] COLWELL, JOSEPH J., US
[73] JOY GLOBAL SURFACE MINING INC, US
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[87] (2893208)
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[54] **MARK-UP COMPOSING APPARATUS AND METHOD FOR SUPPORTING MULTIPLE-SCREEN SERVICE**
[54] **APPAREIL DE COMPOSITION DE BALISAGE ET PROCEDE POUR PRENDRE EN CHARGE UN SERVICE BASE SUR DE MULTIPLES ECRANS**
[72] RYU, YOUNG-SUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-06-01
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[25] EN
[54] **AMMONIA GAS GENERATOR, METHOD FOR PRODUCING AMMONIA AND USE OF THE SAME FOR REDUCING NITROGEN OXIDES IN EXHAUST GASES**
[54] **GENERATEUR DE GAZ AMMONIAC, PROCEDE DE PRODUCTION D'AMMONIAC ET LEUR UTILISATION POUR LA REDUCTION D'OXYDES D'AZOTE DANS DES GAZ D'ECHAPPEMENT**
[72] GERHART, CHRISTIAN, DE
[72] MIDDELMANN, HENNING, DE
[73] ALZCHEM TROSTBERG GMBH, DE
[85] 2015-06-03
[86] 2013-12-19 (PCT/EP2013/077440)
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[54] **CONJUGATE COMPOUNDS**
[54] **COMPOSES CONJUGUES**
[72] ANDERSON, REGAN JAMES, NZ
[72] COMPTON, BENJAMIN JASON, NZ
[72] HAYMAN, COLIN MALCOLM, NZ
[72] HERMANS, IAN FRANCIS, NZ
[72] LARSEN, DAVID SAMUEL, NZ
[72] PAINTER, GAVIN FRANK, NZ
[72] RONCHESE, FRANCA, NZ
[73] VICTORIA LINK LIMITED, NZ
[85] 2015-06-04
[86] 2013-12-06 (PCT/NZ2013/000224)
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[30] NZ (604085) 2012-12-06

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[54] **TRANSDERMAL PARASITICIDAL FORMULATIONS**
[54] **FORMULATIONS ANTIPARASITAIRES TRANSDERMIQUES**
[72] YERITSYAN, KAREN, NZ
[73] DONAGHYS LIMITED, NZ
[85] 2015-06-12
[86] 2013-12-16 (PCT/NZ2013/000235)
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[51] **Int.Cl. H01R 13/639 (2006.01) H01R 13/627 (2006.01)**
[25] EN
[54] **ELECTRICAL PLUG-IN CONNECTOR**
[54] **CONNECTEUR A FICHES ELECTRIQUE**
[72] LAPPOHN, JURGEN, DE
[73] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2015-06-17
[86] 2013-12-17 (PCT/DE2013/000812)
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[25] EN
[54] **INCLINED TUBULAR SEPARATOR FOR SEPARATING OIL WELL SUBSTANCES**
[54] **SEPARATEUR TUBULAIRE INCLINE POUR SEPARER LES SUBSTANCES HYDROCARBONEES PROVENANT DE PUITS DE PETROLE**
[72] SKOVHOLT, OTTO, NO
[73] SEABED SEPARATION AS, NO
[85] 2015-06-19
[86] 2013-12-20 (PCT/EP2013/077627)
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[30] EP (12198846.3) 2012-12-21

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[25] EN
[54] **EXPANDABLE ATHERECTOMY DEVICE**
[54] **DISPOSITIF D'ATHERECTOMIE EXTENSIBLE**
[72] COHEN, AHARON, IL
[72] BARAK, SWI, IL
[73] TARYAG MEDICAL LTD., IL
[85] 2015-07-06
[86] 2014-01-05 (PCT/IL2014/050008)
[87] (WO2014/106847)
[30] US (61/749,411) 2013-01-07
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[51] **Int.Cl. C08J 5/24 (2006.01)**
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[54] **IMPREGNATED REINFORCING FIBER YARN AND ITS USE IN PRODUCING COMPOSITE MATERIALS**
[54] **FIL DE FIBRES DE RENFORT IMPREGNE ET SON UTILISATION POUR LA FABRICATION DE MATERIAUX COMPOSITES**
[72] KUMMER-DORNER, SABINE, DE
[72] STUSGEN, SILKE, DE
[72] WITZEL, SILKE, DE
[72] PUSCH, JENS, DE
[72] SCHNEIDER, MARKUS, DE
[72] WOHLMANN, BERND, DE
[73] TEIJIN CARBON EUROPE GMBH, DE
[85] 2015-07-24
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[51] **Int.Cl. B62D 55/24 (2006.01) A01B 69/00 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF AN AGRICULTURAL VEHICLE TRAVELLING ON FIELDS AND ROADS**
[54] **SYSTEME DE CHENILLE DESTINE A LA TRACTION D'UN VEHICULE CIRCULANT DANS LES CHAMPS ET SUR LES ROUTES**
[72] LUNKENBEIN, MARTIN, CA
[73] CAMSO INC., CA
[86] (2899527)
[87] (2899527)
[22] 2015-08-04

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[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER TRANSMISSION AND DISTRIBUTION ASSET CONDITION PREDICTION AND DIAGNOSIS**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION D'ELECTRICITE, ET PREDICTION ET DIAGNOSTIC DE CONDITION DE BIENS DE DISTRIBUTION**
[72] CHEIM, LUIZ, US
[72] LIN, LAN, US
[73] ABB POWER GRIDS SWITZERLAND AG, CH
[85] 2015-07-31
[86] 2014-01-31 (PCT/US2014/014235)
[87] (WO2014/121113)
[30] US (13/759,026) 2013-02-04

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[51] **Int.Cl. H01R 9/05 (2006.01) H01R 13/502 (2006.01)**
[25] EN
[54] **QUICK MOUNT CONNECTOR FOR A COAXIAL CABLE**
[54] **CONNECTEUR A MONTAGE RAPIDE POUR UN CABLE COAXIAL**
[72] MEISTER, MICHAEL, DK
[72] PETERSEN, JENS, DK
[73] CORNING OPTICAL COMMUNICATIONS RF LLC, US
[85] 2015-04-27
[86] 2013-10-21 (PCT/US2013/065860)
[87] (WO2014/066219)
[30] US (61/719,106) 2012-10-26
[30] US (61/728,484) 2012-11-20
[30] US (13/795,843) 2013-03-12

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[25] EN
[54] **FUNCTIONAL UNDERPANTS FOR MALE**
[54] **SOUS-VETEMENTS FONCTIONNELS POUR HOMME**
[72] OH, GIL YOUNG, KR
[73] GAMYU.CO.,LTD., KR
[85] 2015-08-10
[86] 2014-02-21 (PCT/KR2014/001401)
[87] (WO2014/129832)
[30] KR (10-2013-0018742) 2013-02-21
[30] KR (10-2013-0080379) 2013-07-09

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[25] EN
[54] **HELMET IMPACT MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'IMPACT SUR UN CASQUE**
[72] ATASHBAR, MASSOOD ZANDI, US
[72] JOYCE, MARGARET, US
[72] NARAKATHU, BINU BABY, US
[72] AVUTHU, SAI GURUVA REDDY, US
[72] JOYCE, MICHAEL, US
[72] ESHKEITI, ALI, US
[73] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
[86] (2901026)
[87] (2901026)
[22] 2015-08-18
[30] US (62/039,042) 2014-08-19

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[13] C
[51] **Int.Cl. F01D 19/00 (2006.01) F02C 7/264 (2006.01)**
[25] FR
[54] **METHOD FOR MONITORING A DEGREE OF CLOGGING OF THE STARTING INJECTORS OF A TURBINE ENGINE**
[54] **PROCEDE DE SURVEILLANCE D'UN DEGRE DE COLMATAGE D'INJECTEURS DE DEMARRAGE D'UNE TURBOMACHINE**
[72] DEBBOUZ, NADIR CHRISTIAN, FR
[72] DE BARBEYRAC, PHILIPPE PATRICK MARC, FR
[72] ENGUEHARD, FLORIAN ARNAUD JONATHAN, FR
[72] FAUPIN, FRANCOIS XAVIER MARIE, FR
[72] LAMAZERE, FABIEN, FR
[73] TURBOMECA, FR
[85] 2015-08-14
[86] 2014-02-14 (PCT/FR2014/050309)
[87] (WO2014/125229)
[30] FR (1351359) 2013-02-18

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[51] **Int.Cl. C09D 5/00 (2006.01) C09D 7/61 (2018.01) A61K 9/36 (2006.01) A61K 47/38 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **DELAYED RELEASE FILM COATINGS CONTAINING CALCIUM SILICATE AND SUBSTRATES COATED THEREWITH**
[54] **PELLICULAGES A LIBERATION RETARDEE CONTENANT DU SILICATE DE CALCIUM ET SUBSTRATS REVETUS AVEC CELUI-CI**
[72] REYES, GEORGE, US
[72] CUNNINGHAM, CHARLES R., US
[72] FARRELL, THOMAS P., US
[72] YOUNG, CARA, US
[73] BPSI HOLDINGS, LLC., US
[85] 2015-09-01
[86] 2014-02-25 (PCT/US2014/018341)
[87] (WO2014/134049)
[30] US (61/771,495) 2013-03-01

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[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **RINGED METER ROLLERS AND SLIDE CUTOFF SYSTEM**
[54] **ROULEAUX DOSEURS ANNELES ET MECANISME DE DEGAGEMENT LATERAL**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] ENGEL, GORDON ANTHONY, CA
[72] TURNER, JACK DONALD, CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES W., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2903633)
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[54] **SYSTEMS AND METHODS FOR A ROBUST UNDERWATER VEHICLE**
[54] **SYSTEMES ET PROCEDES POUR UN VEHICULE SOUS-MARIN ROBUSTE**
[72] RIKOSKI, RICHARD J., US
[72] DAMUS, ROBERT S., US
[72] POMPA, JONATHAN, US
[72] OWENS, DYLAN, US
[72] JENKINS, RICHARD, US
[73] HADAL, INC., US
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[25] EN
[54] **CONTAINER WITH SECURE AUDIBLE CLOSURE**
[54] **CONTENANT DOTE D'UNE FERMETURE AUDIBLE SURE**
[72] NAMETH, TRACY L., US
[72] BURKE, BRADLEY J., US
[72] WERTS, RONALD R., III, US
[72] BROCK, TRACY, US
[72] RUHBUSCH, TODD, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-09-09
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[30] US (61/785,378) 2013-03-14

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[54] **COVER ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT DE COUVERCLE**
[72] DEPIETRO, EDWARD A., US
[73] UNIVERSAL HINGE CORPORATION, US
[85] 2015-09-16
[86] 2014-03-21 (PCT/US2014/031389)
[87] (WO2014/153486)
[30] US (61/804,324) 2013-03-22
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[51] **Int.Cl. F23R 3/28 (2006.01) F23D 11/10 (2006.01) F23R 3/34 (2006.01)**
[25] FR
[54] **INJECTION SYSTEM FOR A COMBUSTION CHAMBER OF A TURBINE ENGINE, COMPRISING AN ANNULAR WALL HAVING A CONVERGENT INNER CROSS-SECTION**
[54] **SYSTEME D'INJECTION POUR CHAMBRE DE COMBUSTION DE TURBOMACHINE COMPORTANT UNE PAROI ANNULAIRE A PROFIL INTERNE CONVERGENT**
[72] RULLAUD, MATTHIEU FRANCOIS, FR
[72] HERNANDEZ, DIDIER, FR
[72] GUIN, CHRISTIAN, FR
[73] SNECMA, FR
[73] OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, FR
[85] 2015-09-17
[86] 2014-03-14 (PCT/FR2014/050603)
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[25] EN
[54] **METHODS OF DEOXYGENATING BIO-BASED MATERIAL AND PRODUCTION OF BIO-BASED TEREPHTHALIC ACID AND OLEFINIC MONOMERS**
[54] **PROCEDES DE DESOXYGENATION DE MATIERE D'ORIGINE BIOLOGIQUE ET DE PRODUCTION D'ACIDE TEREPHTALIQUE ET DE MONOMERES OLEFINIQUES D'ORIGINE BIOLOGIQUE**
[72] RASANEN, JARI, FI
[72] HARLIN, ALI, FI
[72] AALTONEN, OLLI, FI
[72] LINNEKOSKI, JUHA, FI
[72] ANTHONYKUTTY, JINTO, FI
[73] STORA ENSO OYJ, FI
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[54] **A METHOD OF GENERATING A DRIVE SIGNAL FOR A VIBRATORY SENSOR**
[54] **PROCEDE DE GENERATION D'UN SIGNAL D'ATTAQUE POUR DETECTEUR VIBRATOIRE**
[72] MCANALLY, CRAIG B., US
[72] KRAVITZ, ANDREW S., US
[73] MICRO MOTION, INC., US
[85] 2015-09-24
[86] 2014-04-18 (PCT/US2014/034610)
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[25] FR
[54] **RADIAL OR MIXED-FLOW COMPRESSOR DIFFUSER HAVING VANES**
[54] **DIFFUSEUR A AILETTES D'UN COMPRESSEUR RADIAL OU MIXTE**
[72] TARNOWSKI, LAURENT, FR
[72] BULOT, NICOLAS, FR
[73] TURBOMECA, FR
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[51] **Int.Cl. G06N 3/10 (2006.01)**
[25] EN
[54] **PARTIAL DISCHARGE SIGNAL PROCESSING METHOD AND APPARATUS EMPLOYING NEURAL NETWORK**
[54] **PROCEDE DE TRAITEMENT DE SIGNAUX DE DECHARGE PARTIELLE ET APPAREIL EMPLOYANT UN RESEAU NEURONAL**
[72] DI STEFANO, ANTONIO, IT
[72] CANDELA, ROBERTO, IT
[72] FISCELLI, GIUSEPPE, IT
[72] GIACONIA, GIUSEPPE COSTANTINO, IT
[73] PRYSMIAN S.P.A., IT
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[54] **METHOD AND APPARATUS FOR DETERMINISTIC DATE AND TIME ALIGNMENT OF MEDIA SIGNALS AND GENERATION OF TIME-RELATED LABELS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER L'ALIGNEMENT DE DATE ET HEURE DE SIGNAUX MEDIAS ET DE GENERER DES ETIQUETTES TEMPORELLES**
[72] SCOTT, STEPHEN C., CA
[73] SKOTEL CORPORATION, CA
[86] (2912461)
[87] (2912461)
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[25] EN
[54] **OPERATIONAL CONTROL IN A SEISMIC SOURCE**
[54] **COMMANDE OPERATIONNELLE DANS UNE SOURCE SISMIQUE**
[72] DELLINGER, JOSEPH ANTHONY, US
[72] HARPER, MARK FRANCIS LUCIEN, US
[73] BP CORPORATION NORTH AMERICA, INC., US
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[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **TRAIN D'ATTERRISSAGE D'AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[73] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[25] EN
[54] **PROSTAMIDE-CONTAINING INTRAOCULAR IMPLANTS AND METHODS OF USE THEREOF**
[54] **IMPLANTS INTRAOCULAIRES CONTENANT UN PROSTAMIDE ET LEURS PROCEDES D'UTILISATION**
[72] GHEBREMESKEL, ALAZAR N., US
[72] ROBINSON, MICHAEL R., US
[73] ALLERGAN, INC., US
[85] 2016-04-05
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[25] EN
[54] **RAPAMYCIN FOR THE TREATMENT OF LYMPHANGIOLEIOMYOMATOSIS**
[54] **RAPAMYCINE POUR LE TRAITEMENT DE LA LYMPHANGIOLEIOMYOMATOSE**
[72] ROTHBERG, JONATHAN M., US
[72] LICHENSTEIN, HENRI, US
[72] ARMER, THOMAS, US
[72] MELVIN, LAWRENCE S., JR., US
[73] AI THERAPEUTICS, INC., US
[85] 2016-04-06
[86] 2014-10-07 (PCT/US2014/059529)
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[25] EN
[54] **DOWNHOLE HOLE CLEANING JOINTS AND METHOD OF USING SAME**
[54] **RACCORDS DE NETTOYAGE DE TROU POUR FOND DE TROU ET LEURS PROCEDES D'UTILISATION**
[72] JELLISON, MICHAEL JOSEPH, US
[72] PLESSIS, GUILLAUME, FR
[72] MURADOV, ANDREI, US
[72] PRICE, JOHN FORESTER, US
[72] HAIN, STEPHEN C., US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-04-22
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[51] **Int.Cl. G03G 21/18 (2006.01) G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER AND IMAGE FORMING APPARATUS**
[54] **RESERVOIR A POUDRE ET APPAREIL DE FORMATION D'IMAGES**
[72] HOSOKAWA, HIROSHI, JP
[72] KATO, SHUNJI, JP
[72] TAMAKI, SHINJI, JP
[72] IKEGUCHI, HIROSHI, JP
[72] TERAZAWA, SEIJI, JP
[72] YAMABE, JUNJI, JP
[72] MITSUISHI, KAORI, JP
[72] TOMOTAKA, TOSHIHIDE, JP
[72] WATANABE, TSUNEHIRO, JP
[72] KIKUCHI, KENJI, JP
[73] RICOH COMPANY, LIMITED, JP
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[87] (2928597)
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[30] JP (2012-248855) 2012-11-12
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[51] **Int.Cl. B05B 13/00 (2006.01) B01J 8/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR COATING GRANULAR MATERIALS**
[54] **SYSTEME DE REVETEMENT DE MATERIAUX GRANULAIRES**
[72] FORSYTHE, PHILLIP, US
[73] NOUS, LLC, US
[85] 2016-04-26
[86] 2014-11-11 (PCT/US2014/065064)
[87] (WO2015/073451)
[30] US (61/903,026) 2013-11-12

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[51] **Int.Cl. C12N 1/14 (2006.01) A01H 17/00 (2006.01) A01P 21/00 (2006.01) C05F 11/08 (2006.01)**
[25] EN
[54] **GLOMUS IRANICUM VAR. TENUIHYPHARUM VAR. NOV. STRAIN AND USE THEREOF AS BIO-STIMULANT**
[54] **SOUCHE DE GLOMUS IRANICUM VAR. TENUIHYPHARUM SP. NOVA ET SON UTILISATION COMME STIMULANT BIOLOGIQUE**
[72] JESUS, JUAREZ, ES
[72] FELIX, FERNANDEZ, ES
[73] SYMBORG, S.L., ES
[85] 2016-05-03
[86] 2014-04-08 (PCT/EP2014/057043)
[87] (WO2015/000612)
[30] EP (13174708.1) 2013-07-02

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[13] C
[51] **Int.Cl. C30B 29/64 (2006.01) C30B 29/58 (2006.01) G01N 33/15 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **NOVEL NANODISC CLATHRATES AND USES THEREOF**
[54] **NOUVEAUX CLATHRATES A NANODISQUES ET UTILISATIONS ASSOCIEES**
[72] SOUTTER, HOLLY, US
[73] DISCX LLC, US
[85] 2016-06-20
[86] 2014-12-20 (PCT/US2014/071764)
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[30] US (61/918,686) 2013-12-20

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[51] **Int.Cl. B32B 1/02 (2006.01) A47G 27/02 (2006.01) A47L 23/26 (2006.01) B32B 7/06 (2019.01) B65D 25/14 (2006.01)**
[25] FR
[54] **IMPROVED CONTAINER FOR CLEANING AND MESSY PRODUCTS**
[54] **RECIPIENT PERFECTIONNE POUR PRODUITS SALISSANT ET DECONTAMINANT**
[72] CALDAS, RAPHAEL, FR
[73] PULL-LINER INNOVATIONS, FR
[85] 2016-06-30
[86] 2014-03-17 (PCT/FR2014/000056)
[87] (WO2015/140416)

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[51] **Int.Cl. G01R 31/327 (2006.01) G01L 27/00 (2006.01) H01H 35/26 (2006.01)**
[25] EN
[54] **PORTABLE PRESSURE SWITCH CALIBRATION AND DIAGNOSTIC TOOL**
[54] **ETALONNAGE DE PRESSOSTAT PORTABLE ET OUTIL DE DIAGNOSTIC**
[72] MCFARLAND, RICHARD DEAN, US
[73] GOOD DAY TOOLS LLC, US
[85] 2016-08-05
[86] 2015-02-06 (PCT/US2015/014763)
[87] (WO2015/120238)
[30] US (14/175,188) 2014-02-07

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[13] C
[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/4164 (2006.01) A61K 31/428 (2006.01) A61K 31/4725 (2006.01) A61K 31/635 (2006.01) A61K 45/00 (2006.01)**
[25] EN
[54] **EFFECTIVE TREATMENT OF OSTEOARTHRITIS, PULMONARY DISEASE, OPHTHALMIC DISEASE, AND ATHEROSCLEROSIS BY REMOVING SENESCENT CELLS AT THE SITE OF THE DISEASE**
[54] **TRAITEMENT EFFICACE D'OSTEOARTHROSE, DE MALADIE PULMONAIRE, DE MALADIE OPHTALMIQUE ET D'ATHEROSCLEROSE PAR ENLEVEMENT DE CELLULES SENESCENTES SUR LE SITE DE LA MALADIE**
[72] LABERGE, REMI-MARTIN, US
[72] CAMPISI, JUDITH, US
[72] DAVALOS, ALBERT, US
[72] DEMARIA, MARCO, US
[72] DAVID, NATHANIEL, US
[72] VASSEROT, ALAIN PHILIPPE, US
[72] BAKER, DARREN J., US
[72] CHILDS, BENNETT G., US
[72] KIRKLAND, JAMES L., US
[72] TCHKONIA, TAMAR, US
[72] VAN DEURSEN, JAN M.A., US
[72] ZHU, YI, US
[72] ELISSEEFF, JENNIFER, US
[72] KIM, CHAEKYU, US
[72] JEON, OKHEE, US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[73] BUCK INSTITUTE FOR RESEARCH ON AGING, US
[73] UNITY BIOTECHNOLOGY, INC., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2016-07-27
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[87] (WO2015/116740)
[30] US (61/932,704) 2014-01-28
[30] US (61/932,711) 2014-01-28
[30] US (61/979,911) 2014-04-15
[30] US (62/002,709) 2014-05-23
[30] US (62/042,708) 2014-08-27
[30] US (62/044,664) 2014-09-02
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[30] US (62/057,825) 2014-09-30
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[30] US (62/061,627) 2014-10-08
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[13] C
[51] **Int.Cl. G01S 5/02 (2010.01) G01S 1/04 (2006.01) G01S 1/06 (2006.01) G01S 1/68 (2006.01) G01S 5/00 (2006.01)**
[25] EN
[54] **ENERGY-EFFICIENT LOCATION DETERMINATION**
[54] **DETERMINATION D'EMPLACEMENT A FAIBLE CONSOMMATION ENERGIE**
[72] SCELLATO, SALVATORE, GB
[72] STUTTLE, MATTHEW NICHOLAS, GB
[72] THOTA, CHANDRASEKHAR, US
[73] GOOGLE LLC, US
[85] 2016-08-10
[86] 2015-02-11 (PCT/US2015/015511)
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[30] US (14/179,209) 2014-02-12

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[13] C
[51] **Int.Cl. B64D 37/06 (2006.01) B32B 1/02 (2006.01) B32B 27/04 (2006.01) B64D 37/32 (2006.01) C08J 5/04 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **AVIATION FUEL TANK WITH RIGID WALL FOR CRASH ENERGY ABSORPTION**
[54] **RESERVOIR DE CARBURANT POUR L'AVIATION DOTE DE PAROIS RIGIDES SERVANT A ABSORBER L'ENERGIE D'UN ACCIDENT**
[72] BRIAND, VALERIE, FR
[73] ZODIAC AEROSAFETY SYSTEMS, FR
[85] 2016-09-09
[86] 2015-03-25 (PCT/IB2015/052210)
[87] (WO2015/145379)
[30] US (61/969,967) 2014-03-25

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[51] **Int.Cl. H02M 1/14 (2006.01) H02M 7/04 (2006.01)**
[25] EN
[54] **PRIMARY SIDE CONTROLLED LED DRIVER WITH RIPPLE CANCELLATION**
[54] **ATTAQUE DE DEL COMMANDEE PAR LE COTE PRIMAIRE AVEC ANNULATION D'ONDULATION**
[72] FANG, PENG, CA
[72] LIU, YAN-FEI, CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2016-09-12
[86] 2015-03-13 (PCT/CA2015/000172)
[87] (WO2015/135073)
[30] US (61/953,264) 2014-03-14

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[13] C
[51] **Int.Cl. F16L 1/026 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING THE POSITION OF ABOVE-GROUND PIPELINES IN PERMAFROST CONDITIONS**
[54] **METHODE DE SURVEILLANCE DE LA POSITION DES PIPELINES EN SURFACE DANS LESCONDITIONS DE PERGELISOL**
[72] LISIN, YURY VIKTOROVICH, RU
[72] REVEL-MUROZ, PAVEL ALEKSANDROVICH, RU
[72] ZARIPOV, ZUFAR AMIROVICH, RU
[72] SOSCHENKO, ANATOLY EVGENEVICH, RU
[72] KHABAROV, ALEKSEI VLADIMIROVICH, RU
[73] PUBLIC JOINT STOCK COMPANY "TRANSNEFT", RU
[73] LIMITED LIABILITY COMPANY "TRANSNEFT RESEARCH AND DEVELOPMENT INSTITUTE FOR OIL AND OIL PRODUCTS TRANSPORTATION", RU
[85] 2016-09-14
[86] 2014-03-28 (PCT/RU2014/000221)
[87] (WO2015/147686)

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[13] C
[51] **Int.Cl. H03K 17/975 (2006.01)**
[25] EN
[54] **CAPACITIVE TOUCH SENSOR**
[54] **CAPTEUR TACTILE**
[72] ZHANG, MEI, CN
[72] ZHAO, HENG, CN
[72] XU, YINGXUE, CN
[72] SHEN, KAI, CN
[72] LIU, CHENGJUN, CN
[72] GE, MENG, CN
[73] MICRO MOTION, INC., US
[85] 2016-09-30
[86] 2014-04-03 (PCT/CN2014/074715)
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[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TARGETED THERAPY TO RESTORE RADIOACTIVE IODINE TRANSPORT IN THYROID CANCER**
[54] **THERAPIE CIBLEE POUR RESTAURER LE TRANSPORT DE L'IODE RADIOACTIF POUR TRAITER LE CANCER DE LA THYROIDE**
[72] MCMULLEN, TODD, CA
[72] LOPEZ-CAMPISTROUS, ANA, CA
[72] WILLIAMS, DAVID, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2016-10-17
[86] 2015-04-17 (PCT/IB2015/001426)
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[30] US (61/981,358) 2014-04-18

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[51] **Int.Cl. B01D 53/02 (2006.01) B01J 20/18 (2006.01) B01J 29/70 (2006.01) C01B 39/02 (2006.01) C01B 39/46 (2006.01)**
[25] EN
[54] **SEPARATION AND STORAGE OF FLUIDS USING ITQ-55**
[54] **SEPARATION ET STOCKAGE DE FLUIDES A L'AIDE DU ITQ-55**
[72] CORCORAN, EDWARD W., JR., US
[72] KORTUNOV, PAVEL, US
[72] PAUR, CHARANJIT S., US
[72] RAVIKOVITCH, PETER I., US
[72] WANG, YU, US
[72] CORMA CANOS, AVELINO, ES
[72] VALENCIA VALENCIA, SUSANA, ES
[72] REY GARCIA, FERNANDO, ES
[72] CANTIN SANZ, ANGEL, ES
[72] PALOMINO ROCA, MIGUEL, ES
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **VIS BALAYEUSE A GRAIN**
[72] AHLEN, ANDERS, SE
[73] SKANDIA ELEVATOR AB, SE
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[30] SE (1450625-7) 2014-05-26

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[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **IMPROVED ATHERECTOMY DEVICE**
[54] **DISPOSITIF AMELIORE D'ATHERECTOMIE**
[72] BARAK, SWI, IL
[72] COHEN, AHARON, IL
[73] TARYAG MEDICAL LTD., IL
[85] 2016-12-22
[86] 2015-07-03 (PCT/IL2015/050690)
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[25] EN
[54] **NATURAL SUSPENDING AGENT INCLUDING A SYNERGISTIC BLEND OF XANTHAN GUM AND KONJAC POWDER FOR ORAL PHARMACEUTICAL SUSPENSIONS**
[54] **AGENT DE SUSPENSION NATUREL COMPRENANT UN MELANGE SYNERGIQUE DE GOMME XANTHANE ET DE POUDRE DE KONJAC POUR DES SUSPENSIONS PHARMACEUTIQUES ORALES**
[72] VU, CHRISTINE, US
[72] BANOV, FABIANA CAMPANATI VIEIRA, US
[72] BANOV, DANIEL, US
[73] PROFESSIONAL COMPOUNDING CENTERS OF AMERICA (PCCA), US
[85] 2017-02-21
[86] 2015-08-20 (PCT/US2015/046026)
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[51] **Int.Cl. C22B 3/08 (2006.01) C22B 7/00 (2006.01) H01M 8/18 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ELECTROLYTE FOR VANADIUM REDOX BATTERIES FROM OIL SANDS WASTE**
[54] **METHODE DE PRODUCTION D'ELECTROLYTE POUR DES BATTERIES REDOX AU VANADIUM A PARTIR DE DECHETS DE SABLES BITUMINEUX**
[72] KHAJE, KOUROSH, CA
[72] MKHANI, MARYAM, CA
[73] ENERGY, SCIENCE AND TECHNOLOGY CORPORATION, CA
[86] (2962794)
[87] (2962794)
[22] 2017-03-31
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[25] EN
[54] **THERAPEUTIC MULTI-PEPTIDES T SPECIFIC IMMUNE THERAPY FOR TREATMENT OF BRAIN METASTASIS**
[54] **IMMUNOTHERAPIE SPECIFIQUE A PLUSIEURS PEPTIDES T THERAPEUTIQUES POUR LE TRAITEMENT DE METASTASE CEREBRALE**
[72] COSTANTINI, DOMINIQUE, FR
[73] OSE IMMUNOTHERAPEUTICS, FR
[85] 2017-03-30
[86] 2014-11-06 (PCT/EP2014/073975)
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[25] EN
[54] **ELECTRICAL POWER TRANSMISSION**
[54] **TRANSMISSION D'ELECTRICITE**
[72] ROSENDAHL, GLENN KENTON, CA
[73] ROSENDAHL, GLENN KENTON, CA
[85] 2017-04-13
[86] 2015-10-22 (PCT/CA2015/051069)
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[51] **Int.Cl. F16C 33/76 (2006.01) F16C 33/80 (2006.01) F16J 15/16 (2006.01) F16J 15/447 (2006.01)**
[25] EN
[54] **BEARING ISOLATOR SEAL WITH ENHANCED ROTOR DRIVE COUPLING**
[54] **JOINT D'ETANCHEITE D'ISOLATEUR DE PALIER A ACCOUPLEMENT D'ENTRAINEMENT DE ROTOR AMELIORE**
[72] BENDER, ROBERT PAUL, US
[72] FERRIS, JASON C., US
[72] MEYER, WILLIAM ERIC, JR., US
[72] BARKER, JOSEPH CHARLES, US
[73] FLOWSERVE MANAGEMENT COMPANY, US
[85] 2017-06-02
[86] 2015-12-18 (PCT/US2015/066578)
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[51] **Int.Cl. B01J 19/12 (2006.01) H05B 6/80 (2006.01)**
[25] EN
[54] **MICROWAVE REACTOR VESSEL**
[54] **RECIPIENT DE REACTEUR A MICRO-ONDE**
[72] SHORE, GJERGJI J., CA
[73] SHORE, GJERGJI J., CA
[86] (2971546)
[87] (2971546)
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[51] **Int.Cl. G01H 13/00 (2006.01) G01N 9/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **DETERMINING A VIBRATION RESPONSE PARAMETER OF A VIBRATORY ELEMENT**
[54] **DETERMINATION D'UN PARAMETRE DE REPONSE DE VIBRATION D'UN ELEMENT VIBRANT**
[72] MCANALLY, CRAIG B., US
[72] KRAVITZ, ANDREW S., US
[73] MICRO MOTION, INC., US
[85] 2017-06-15
[86] 2015-03-03 (PCT/US2015/018472)
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[25] EN
[54] **RAW MATERIAL POWDER FOR SOFT MAGNETIC POWDER, AND SOFT MAGNETIC POWDER FOR DUST CORE**
[54] **POUDRE DE MATIERE PREMIERE POUR POUDRE A AIMANTATION TEMPORAIRE ET POUDRE A AIMANTATION TEMPORAIRE POUR NOYAU MAGNETIQUE A BASE DE POUDRE**
[72] TAKASHITA, TAKUYA, JP
[72] KOBAYASHI, AKIO, JP
[72] NAKAMURA, NAOMICHI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2017-07-17
[86] 2016-02-08 (PCT/JP2016/000641)
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[30] JP (2015-023399) 2015-02-09

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[25] EN
[54] **APPARATUSES AND METHODS FOR AERODYNAMIC WINDOW ASSEMBLIES**
[54] **APPAREILS ET METHODES DESTINES A DES ASSEMBLAGES DE FENETRE AERODYNAMIQUES**
[72] SMITH, RANDAL H., US
[72] SPALART, PHILIPPE R., US
[72] LEDOUX, STEPHEN T., US
[72] POLING, HUGH, US
[72] BAILLIE, JERALD C., US
[73] THE BOEING COMPANY, US
[86] (2983508)
[87] (2983508)
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[51] **Int.Cl. C12Q 1/6879 (2018.01) C12Q 1/00 (2006.01) G01N 33/567 (2006.01)**
[25] EN
[54] **DETECTION OF ORAL MICROBIAL VIRULENCE FACTORS**
[54] **DETECTION DE FACTEURS DE VIRULENCE MICROBIENNE ORALE**
[72] HAUGHT, JOHN CHRISTIAN, US
[72] XIE, SANCAI, US
[72] CIRCELLO, BENJAMIN THOMAS, US
[72] TANSKY, CHERYL SUE, US
[72] KLUKOWSKA, MALGORZATA, US
[72] HUGGINS, THOMAS GLENN, US
[72] KHAMBE, DEEPA ASHOK, US
[72] WHITE, DONALD JAMES, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-20
[86] 2016-05-06 (PCT/US2016/031349)
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[51] **Int.Cl. F21S 2/00 (2016.01) F21V 1/00 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **VARIABLE MODULAR LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE MODULAIRE VARIABLE**
[72] DIETZ, BERNHARD, CA
[73] DIETZ, BERNHARD, CA
[86] (2985007)
[87] (2985007)
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[51] **Int.Cl. H04L 12/58 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPORTING MESSAGE DISPOSITION IN A COMMUNICATION NETWORK**
[54] **PROCEDE ET SYSTEME DE NOTIFICATION DE DISPOSITION DE MESSAGE, DANS UN RESEAU DE COMMUNICATIONS**
[72] BADULESCU, CRISTINA, CA
[72] SURDILA, SORIN, CA
[72] GREENE, NANCY M., CA
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-11-07
[86] 2016-05-19 (PCT/IB2016/052957)
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[51] **Int.Cl. G01J 3/02 (2006.01) G01J 3/46 (2006.01)**
[25] EN
[54] **IDENTIFYING HOME DECOR ITEMS AND PAINT COLORS BASED ON COLORS IN AN IMAGE**
[54] **IDENTIFICATION D'ELEMENTS DE DECOR DOMESTIQUE ET DE COULEURS DE PEINTURE SUR LA BASE DE COULEURS DANS UNE IMAGE**
[72] FARLEY, KEVAN M., US
[72] BEHRENS, PHILLIP J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033260)
[87] (WO2016/191192)
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[25] EN
[54] **HOME DECOR COLOR MATCHING**
[54] **APPARIEMENT DES COULEURS DU DECOR D'UNE HABITATION**
[72] CARUSO, CHRISTOPHER, US
[72] FARLEY, KEVAN M., US
[72] BEHRENS, PHILLIP J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2017-11-17
[86] 2016-05-19 (PCT/US2016/033289)
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[51] **Int.Cl. A61K 6/60 (2020.01) A61K 6/30 (2020.01)**
[25] EN
[54] **USE OF A STABILIZER IN AN ACIDIC DENTAL COMPOSITION**
[54] **UTILISATION D'UN STABILISANT DANS UNE COMPOSITION DENTAIRE ACIDE**
[72] FIK, CHRISTOPH P., CH
[72] POHLE, SVEN, DE
[72] KLEE, JOACHIM, DE
[73] DENTSPLY DETREY GMBH, DE
[85] 2017-11-28
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[13] C
[51] **Int.Cl. B60R 9/04 (2006.01)**
[25] EN
[54] **ROOF LUGGAGE RACK AND VEHCILE WITH THE SAME**
[54] **SUPPORT DE TOIT POUR BAGAGES ET VEHICULE EQUIPE DUDIT SUPPORT**
[72] CHEN, YONGBO, CN
[72] ZHANG, ZHIHAI, CN
[72] HUANG, WEI, CN
[72] HE, WEITING, CN
[72] YANG, ZHUEN, CN
[73] WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD., CN
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[87] (2988066)
[22] 2017-12-07
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[51] **Int.Cl. F16K 51/00 (2006.01) E03C 1/04 (2006.01) F16K 31/02 (2006.01) F16K 37/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **ELECTRONIC FAUCET**
[54] **ROBINET ELECTRONIQUE**
[72] SCHNEIDER, RANDY L., II, US
[73] DELTA FAUCET COMPANY, US
[86] (2988154)
[87] (2988154)
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[30] US (15/400,710) 2017-01-06

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[51] **Int.Cl. A61K 31/16 (2006.01) A61K 31/22 (2006.01) A61P 3/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **BRAIN DERIVED PPAR.ALPHA. LIGANDS**
[54] **LIGANDS PPAR-ALPHA DERIVES DU CERVEAU**
[72] PAHAN, KALIPADA, US
[72] ROY, AVIK, US
[73] RUSH UNVERSITY MEDICAL CENTER, US
[85] 2017-12-08
[86] 2016-06-14 (PCT/US2016/037365)
[87] (WO2016/205193)
[30] US (62/175,871) 2015-06-15

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[51] **Int.Cl. E04C 5/04 (2006.01) B21F 27/02 (2006.01)**
[25] EN
[54] **LATTICE STRUCTURE AND A DEVICE AND METHOD FOR PRODUCING SAME**
[54] **STRUCTURE EN TREILLIS ET DISPOSITIF ET PROCEDE DE FABRICATION DE CETTE STRUCTURE**
[72] VON ALLMEN, HANS-PETER, CH
[73] GEOBRUGG AG, CH
[85] 2017-12-18
[86] 2016-05-25 (PCT/EP2016/061826)
[87] (WO2016/202545)
[30] CH (00920/15) 2015-06-19

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[51] **Int.Cl. A24F 40/465 (2020.01) A24F 40/10 (2020.01) A24F 40/50 (2020.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] FRASER, RORY, GB
[72] DICKENS, COLIN, GB
[72] JAIN, SIDDHARTHA, GB
[73] NICOVENTURES TRADING LIMITED, GB
[85] 2017-12-19
[86] 2016-06-15 (PCT/GB2016/051767)
[87] (WO2017/109448)
[30] GB (1511361.6) 2015-06-29

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[51] **Int.Cl. A63B 59/70 (2015.01) B29C 70/30 (2006.01)**
[25] EN
[54] **HOCKEY STICK WITH CO-MOLDED CONSTRUCTION**
[54] **BATON DE HOCKEY A CONSTRUCTION COMOULEE**
[72] ROUZIER, EDOUARD, CA
[73] BAUER HOCKEY LTD., CA
[86] (2991336)
[87] (2991336)
[22] 2018-01-08
[30] US (15/828,164) 2017-11-30

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[51] **Int.Cl. B32B 3/04 (2006.01) B63B 32/57 (2020.01) B63B 32/59 (2020.01) A63C 5/056 (2006.01) B32B 3/08 (2006.01) B32B 5/18 (2006.01) B32B 5/32 (2006.01) B63B 5/24 (2006.01) B68G 5/00 (2006.01)**
[25] EN
[54] **FOAM PRODUCT**
[54] **PRODUIT DE MOUSSE**
[72] YEH, TZONG IN, US
[73] AGIT GLOBAL IP HOLDINGS, LLC, US
[86] (2991448)
[87] (2991448)
[22] 2018-01-10
[30] TW (106143967) 2017-12-14

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[51] **Int.Cl. C25B 1/08 (2006.01) H01M 8/0247 (2016.01) H01M 8/04014 (2016.01) H01M 8/04701 (2016.01) H01M 8/2425 (2016.01) C25B 1/00 (2006.01) C25B 9/20 (2006.01) C25B 15/02 (2006.01)**
[25] FR
[54] **METHODS FOR (CO)ELECTROLYSIS OF WATER (SOEC) OR FOR PRODUCING ELECTRICITY AT A HIGH TEMPERATURE WITH EXCHANGERS INCORPORATED AS STAGES OF A REACTOR STACK (HTE) OR A FUEL CELL (SOFC)**
[54] **PROCEDES D' (DE CO) ELECTROLYSE DE L'EAU (SOEC) OU DE PRODUCTION D'ELECTRICITE A HAUTE TEMPERATURE A ECHANGEURS INTEGRES EN TANT QU'ETAGES D'UN EMPILEMENT DE REACTEUR (EHT) OU D'UNE PILE A COMBUSTIBLE (SOFC)**
[72] REYTIER, MAGALI, FR
[72] SZYNAL, PHILIPPE, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-01-11
[86] 2016-07-08 (PCT/EP2016/066304)
[87] (WO2017/009238)
[30] FR (15 56727) 2015-07-16

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[13] C
[51] **Int.Cl. G06Q 20/12 (2012.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR OPENING ELECTRONIC CERTIFICATE**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR OUVRIR UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
[85] 2018-01-19
[86] 2015-07-21 (PCT/CN2015/084659)
[87] (WO2017/012062)

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[51] **Int.Cl. H01M 8/0258 (2016.01)**
[25] EN
[54] **METHOD FOR PRODUCING KISS CUT FLUID FLOW FIELD PLATES**
[54] **PROCEDE DE PRODUCTION DE PLAQUES DE CHAMP D'ECOULEMENT DE FLUIDE DECOUPEES PAR EFFLEUREMENT**
[72] JONES, THOMAS DAVID, CA
[72] BITTON, MICHEL MEYER, CA
[73] JONES, THOMAS DAVID, CA
[73] BITTON, MICHEL MEYER, CA
[73] PLUG POWER AUTONOMOUS TECHNOLOGIES, INC., CA
[85] 2017-10-19
[86] 2016-04-19 (PCT/CA2016/000121)
[87] (WO2016/168912)
[30] US (14/690,854) 2015-04-20

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[13] C
[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PULSE WELDING**
[54] **PROCEDE ET APPAREIL DE SOUDAGE PAR IMPULSIONS**
[72] DAVIDSON, ROBERT, US
[72] SCHUH, RICHARD, US
[72] DURIK, JUSTIN, US
[72] BUNKER, THOMAS, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-06
[86] 2016-08-16 (PCT/US2016/047155)
[87] (WO2017/031108)
[30] US (62/206,795) 2015-08-18
[30] US (15/237,308) 2016-08-15

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[13] C
[51] **Int.Cl. B66F 3/22 (2006.01) B66F 7/28 (2006.01)**
[25] EN
[54] **VEHICLE JACK AND ADAPTER THEREFOR**
[54] **CRIC DE LEVAGE DE VEHICULE ET ADAPTATEUR ASSOCIE**
[72] CHEUNG, ALAN, US
[73] VOLKSWAGEN AKTIENGESELLSCHAFT, DE
[86] (2998629)
[87] (2998629)
[22] 2018-03-20
[30] US (15/468,826) 2017-03-24

[11] **3,001,048**
[13] C
[51] **Int.Cl. B65D 81/38 (2006.01) B65D 19/38 (2006.01) B65D 81/18 (2006.01) C09K 5/02 (2006.01) C09K 5/06 (2006.01)**
[25] EN
[54] **PALLET COVER COMPRISING ONE OR MORE TEMPERATURE-CONTROL MEMBERS AND KIT FOR USE IN MAKING THE PALLET COVER**
[54] **PROTECTION DE PALETTE COMPRENANT UN OU PLUSIEURS ELEMENTS DE REGULATION DE TEMPERATURE ET KIT A UTILISER POUR LA FABRICATION DE LA PROTECTION DE PALETTE**
[72] LONGLEY, AMANDA, US
[72] KAISER, GEOFFREY, US
[72] CHASTEEN, JAMES ROBERT, US
[72] PANSE, SHREYAS S., US
[72] FORMATO, RICHARD M., US
[73] COLD CHAIN TECHNOLOGIES, LLC, US
[85] 2018-04-04
[86] 2016-10-06 (PCT/US2016/055831)
[87] (WO2017/062675)
[30] US (62/237,742) 2015-10-06
[30] US (62/400,015) 2016-09-26

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[13] C
[51] **Int.Cl. H04N 19/105 (2014.01) H04N 19/119 (2014.01) H04N 19/137 (2014.01) H04N 19/176 (2014.01) H04N 19/543 (2014.01)**
[25] EN
[54] **MOTION VECTOR PREDICTION USING PRIOR FRAME RESIDUAL**
[54] **UTILISATION DE PREDICTION DE VECTEUR DE MOUVEMENT AVANT UN RESIDU DE TRAME**
[72] BANKOSKI, JAMES, US
[72] MUKHERJEE, DEBARGHA, US
[72] XU, YAOWU, US
[73] GOOGLE LLC, US
[85] 2018-04-11
[86] 2016-12-20 (PCT/US2016/067792)
[87] (WO2017/131900)
[30] US (15/010,594) 2016-01-29

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[13] C
[51] **Int.Cl. F21S 2/00 (2016.01) F21V 29/51 (2015.01) F21V 29/71 (2015.01) F21V 29/90 (2015.01) H01L 33/00 (2010.01)**
[25] EN
[54] **LAMP WITH AN LED THAT MAY PREVENT SNOW FROM STICKING OR FREEZING THERETO**
[54] **LAMPE COMPORTANT UNE DEL QUI PEUT EMPECHER LA NEIGE DE COLLER OU DE GIVRER SUR LADITE LAMPE**
[72] MIZOBE, NORIMASA, JP
[73] HOTALUX, LTD., JP
[85] 2018-04-30
[86] 2016-10-18 (PCT/JP2016/080851)
[87] (WO2017/081999)
[30] JP (2015-221045) 2015-11-11

[11] **3,004,405**
[13] C
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR CONFIGURATION OF MEASUREMENT RESTRICTIONS**
[54] **PROCEDES ET APPAREILS DE CONFIGURATION DE RESTRICTIONS DE MESURE**
[72] FRENNE, MATTIAS, SE
[72] HARRISON, ROBERT MARK, US
[72] GAO, SHIWEI, CA
[72] MURUGANATHAN, SIVA, CA
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **UPLINK GRANTS FOR NARROWBAND INTERNET-OF-THINGS**
[54] **AUTORISATIONS DE LIAISON MONTANTE POUR L'INTERNET DES OBJETS DE BANDE ETROITE**
[72] RICO ALVARINO, ALBERTO, US
[72] GAAL, PETER, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] WANG, XIAOFENG, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **ADJUSTABLE FLOW REGULATOR**
[54] **REGULATEUR D'ECOULEMENT REGLABLE**
[72] HOOGENDOORN, JOHN HENRI, AU
[72] COCKS, ANDREW JOHN, AU
[72] LIU, BAN HSI, AU
[72] PEDULLA, STEPHEN FRANK, AU
[73] PHOENIX INDUSTRIES PTY LTD, AU
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[54] **CHARACTERIZING A MIXED FUEL FLOW PERIOD**
[54] **CARACTERISATION D'UNE PERIODE D'ECOULEMENT DE MELANGE DE CARBURANTS**
[72] ZIMMER, PATRICK JOHN, US
[72] SCOTT, TAYLOR ROBERT, US
[73] MICRO MOTION, INC., US
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[54] **METHOD AND MACHINE FOR PRODUCING STERILE SOLUTION PRODUCT BAGS**
[54] **PROCEDE ET MACHINE DE PRODUCTION DE SACS A PRODUIT POUR SOLUTION STERILE**
[72] BOMGAARS, GRANT ANTHONY, US
[72] RANALLETTA, JOSEPH VINCENT, US
[72] DING, YUANPANG SAMUEL, US
[72] LO, YING-CHENG, US
[72] PASMORE, MARK EDWARD, US
[72] SADOWSKI, MICHAEL JOSEPH, US
[72] HRISTAKOS, ANASTASIOS, US
[72] DUDAR, THOMAS EDWARD, US
[72] KRAUSE, BERND, DE
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE SA, CH
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[54] **BLADE TREATMENTS**
[54] **TRAITEMENTS DE LAME**
[72] SHAFFER, WILLIAM R., US
[72] SHAFFER, LUCAS A., US
[73] CONICITY TECHNOLOGIES, US
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[87] (3011842)
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[54] **PILOT OPERATED DIAPHRAGM FILL VALVE AND ASSEMBLY FOR REDUCING HYDROSTATIC SHOCK**
[54] **VANNE DE REMPLISSAGE A MEMBRANE PILOTEE ET ENSEMBLE DE REDUCTION DE CHOC HYDROSTATIQUE**
[72] GUTHRIE, KEVIN J., US
[73] LAVELLE INDUSTRIES, INC., US
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[54] **LASER LIGHT SOURCE DEVICE AND METHOD FOR CONTROLLING SAME**
[54] **DISPOSITIF DE SOURCE DE LUMIERE LASER ET SON PROCEDE DE COMMANDE**
[72] KURIAKI, MAKOTO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **VIBRATORY CONVEYOR WITH A CONVEYOR TROUGH WHICH IS MADE OF A FLEXIBLE MAT**
[54] **TRANSPORTEUR OSCILLANT EQUIPE D'UN AUGET FORME PAR UN TAPIS FLEXIBLE**
[72] HALLADIN, JORG, DE
[72] STENING, FREDERIK, DE
[72] LAKE, CHRISTIAN, DE
[72] TETIET, STEFAN, DE
[73] SPALECK GMBH & CO. KOMMANDITGESELLSCHAFT, DE
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[54] **BURNER UNIT**
[54] **MODULE DE BRULEUR**
[72] DALLA VECCHIA, LAURA, IT
[72] DALLA VECCHIA, STEFANO, IT
[72] PESERICO, DOMENICO, IT
[72] BENETTI, MASSIMILIANO, IT
[72] BONOLLO, ALBERTO, IT
[73] POLIDORO S.P.A., IT
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[54] **FASTENER DRIVING TOOL**
[54] **OUTIL D'ENFONCEMENT D'ELEMENT DE FIXATION**
[72] MEYER, ROBERT J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2018-09-10
[86] 2017-02-08 (PCT/US2017/016970)
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[25] EN
[54] **COATING COMPOSITIONS, ELASTIC BARRIER COATINGS FORMED THEREFROM, AND METHODS OF APPLYING SUCH COATINGS**
[54] **COMPOSITIONS DE REVETEMENT, REVETEMENTS DE BARRIERE ELASTIQUE FORMES A PARTIR DE CELLES-CI ET PROCEDES D'APPLICATION DE CES REVETEMENTS**
[72] MARTIN, ROXALANA, US
[72] FALER, DENNIS L., US
[72] JORDAN, JENNIFER TAMAKI, US
[72] BOWMAN, MARK P., US
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] ZHOU, HONGYING, US
[72] TUCKER, MARK A., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **MULTI-LAYER COATINGS AND METHODS OF PREPARING THE SAME**
[54] **REVETEMENTS MULTICOUCHE ET PROCEDES DE PREPARATION CORRESPONDANTS**
[72] XU, XIANGLING, US
[72] SADVARY, RICHARD J., US
[72] SWARUP, SHANTI, US
[72] ZHOU, HONGYING, US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **FRAME UNIT**
[54] **UNITE DE CHASSIS**
[72] BORDE, FLORIAN, DE
[72] ARPACI, MUHAMMET, DE
[72] BERGMANN, PHILIPP, DE
[73] SAF-HOLLAND GMBH, DE
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[51] **Int.Cl. B01D 24/46 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MOVING, REMOVING AND/OR INSTALLING ONE OR MORE COMPONENTS OF A TREATMENT UNIT**
[54] **DISPOSITIFS ET METHODES POUR DEPLACER, RETIRER ET/OU INSTALLER UN OU PLUSIEURS COMPOSANTS D`UNE UNITE DE TRAITEMENT**
[72] ROBERTS, R. LEE, US
[72] ROBERTS, MATTHEW, US
[73] ROBERTS MARKETING DE, INC., US
[86] (3020750)
[87] (3020750)
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[25] EN
[54] **COMPOSITE PROFILE FOR DOOR, WINDOW OR FACADE ELEMENTS, AND METHOD FOR FINISHING MANUFACTURING OF A ROLL-IN HEAD OF AN INSULATING STRIP FOR DOOR, WINDOW OR FACADE ELEMENTS**
[54] **PROFIL MIXTE DESTINE A DES ELEMENTS DE PORTE, FENETRE OU FACADE ET METHODE DE FABRICATION DE FINITION D'UNE TETE DE ROULEMENT D'UNE BANDE ISOLANTE D'ELEMENTS DE PORTE, FENETRE OU FACADE**
[72] HATZKY, MARCEL, DE
[73] TECHNOFORM BAUTEC HOLDING GMBH, DE
[85] 2018-10-11
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[54] **ISOLATING DECOUPLER**
[54] **DECOUPLEUR ISOLANT**
[72] SERKH, ALEXANDER, US
[72] KLEYMAN, ILYA, US
[73] GATES CORPORATION, US
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[25] EN
[54] **CLADDING STRIP FEEDERS HAVING ADJUSTABLE STRIP GUIDE BEARINGS AND STRIP CLADDING SYSTEMS WITH CLADDING STRIP FEEDERS HAVING ADJUSTABLE STRIP GUIDE BEARINGS**
[54] **DISPOSITIFS D'ALIMENTATION EN BANDE DE REVETEMENT AYANT DES PALIERS DE GUIDAGE DE BANDE REGLABLES ET SYSTEMES DE REVETEMENT POURVUS DE DISPOSITIFS D'ALIMENTATION EN BANDE DE REVETEMENT AYANT DES PALIERS DE GUIDAGE DE BANDE REGLABLES**
[72] BRAMBILLA, FABRIZIO BERNARDO, US
[72] TOMA, CATALIN, US
[72] REDAELLI, DOMENICO, US
[72] KEULTJES, PETRUS HERMANUS, US
[73] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **SELF-PROPELLED BALING VEHICLE**
[54] **VEHICULE DE MISE EN BALLES AUTO-PROPULSE**
[72] THOMPSON, KENT L., US
[73] VERMEER MANUFACTURING COMPANY, US
[85] 2018-10-24
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[54] **LASER PROCESSING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT AU LASER**
[72] KANGASTUPA, JARNO, FI
[73] CORELASE OY, FI
[85] 2018-12-03
[86] 2016-07-15 (PCT/FI2016/050519)
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[54] **ELECTRODEPOSITABLE COATING COMPOSITION HAVING IMPROVED CRATER CONTROL**
[54] **COMPOSITION DE REVETEMENT ELECTRODEPOSABLE A CONTROLE DE CRATERE AMELIORE**
[72] ESWARAKRISHNAN, VENKATACHALAM, US
[72] KAYLO, ALAN J., US
[72] BICE, JO-ANN E., US
[72] WILSON, CRAIG A., US
[72] SZYMANSKI, CHESTER J., US
[72] LEWAND, ALYCIA, US
[72] SWANGER, JOSEPH R., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **SHELL-AND-TUBE CONDENSER COMPRISING GROOVED TUBES WITH COATINGS**
[54] **CONDENSEUR MULTITUBULAIRE A CALANDRE COMPRENANT DES TUBES RAINURES AVEC ENROBAGE**
[72] BLOKHIN, PAVEL ALEXANDROVICH, RU
[72] STEPIN, SERGEI MAXIMOVICH, RU
[72] NEVOLIN, ALEXANDR MIKHAILOVICH, RU
[73] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOST'U "REINNOLTS LAB", RU
[85] 2019-01-30
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[30] RU (2016132511) 2016-08-05
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[25] EN
[54] **HOPPER WITH MICROREACTOR AND CARTRIDGE FOR LOW PRESSURE COLD SPRAYING**
[54] **TREMIE AVEC MICROREACTEUR ET CARTOUCHE POUR PULVERISATION A FROID A BASSE PRESSION**
[72] MAEV, ROMAN GR., CA
[72] LESHCHYNSKY, VOLF, CA
[72] STRUMBAN, EMIL, US
[72] DZHURINSKIY, DMITRY, CA
[72] BARAN, ZYGMUNT, CA
[73] TESSONICS, INC, CA
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[25] EN
[54] **A HIGH VOLTAGE CIRCUIT BREAKER**
[54] **DISJONCTEUR A HAUTE TENSION**
[72] BACKMAN, MAGNUS, SE
[72] BORMANN, DIERK, SE
[72] SALINAS, ENER, SE
[72] THOMAS, RICHARD, SE
[73] ABB SCHWEIZ AG, CH
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[51] **Int.Cl. B64C 25/18 (2006.01) B64C 25/14 (2006.01)**
[25] FR
[54] **METHOD FOR MANEUVERING AN AIRCRAFT LANDING GEAR BETWEEN A DEPLOYED POSITION AND A RETRACTED POSITION**
[54] **PROCEDE DE MANOEUVRE D'UN ATTERRISSEUR D'AERONEF ENTRE UNE POSITION DEPLOYEE ET UNE POSITION RETRACTEE**
[72] EUZET, BERTRAND, FR
[72] QUENERCH'DU, MARC, FR
[72] DUBACHER, BERTRAND, FR
[72] HENRION, PHILIPPE, FR
[72] DUBOIS, SEBASTIEN, FR
[73] SAFRAN LANDING SYSTEMS, FR
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[25] EN
[54] **SYSTEM AND METHOD FOR CRYOGENIC PURIFICATION OF A FEED STREAM COMPRISING HYDROGEN, METHANE, NITROGEN AND ARGON**
[54] **SYSTEME ET PROCEDE POUR LA PURIFICATION CRYOGENIQUE D'UN FLUX D'ALIMENTATION COMPRENANT DE L'HYDROGENE, DU METHANE, DE L'AZOTE ET DE L'ARGON**
[72] HOWARD, HENRY E., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-03-18
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[87] (WO2018/057299)
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[54] **INDUSTRIAL VEHICLE AND HEADLIGHT**
[54] **VEHICULE INDUSTRIEL ET PHARE**
[72] YOSHIOKA, MASAHIRO, JP
[72] ITO, SEIYA, JP
[73] MITSUBISHI LOGISNEXT CO., LTD., JP
[86] (3037769)
[87] (3037769)
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[30] JP (2018-066700) 2018-03-30

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[25] EN
[54] **WEIGHT ASSEMBLY FOR A FAUCET**
[54] **MECANISME DE POIDS DESTINE A UN ROBINET**
[72] LIN, YIPING, CN
[72] NI, KUOTUNG, CN
[72] HUANG, CHUNGYI, CN
[73] GLOBE UNION INDUSTRIAL CORPORATION, CN
[86] (3037951)
[87] (3037951)
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[25] EN
[54] **PRODUCTS AND METHODS ASSOCIATED WITH MULTIPLE SCLEROSIS AS A TRANSMISSIBLE PROTEIN MISFOLDING DISORDER**
[54] **PRODUITS ET METHODES ASSOCIES A LA SCLEROSE EN PLAQUES COMME TROUBLE DE REPLIEMENT DEFECTUEUX DE PROTEINE TRANSMISSIBLE**
[72] STYS, PETER, CA
[72] ZAMPONI, GERALD W., CA
[72] TSUTSUI, SHIGEKI, CA
[73] AMIRA MEDICAL TECHNOLOGIES INC., CA
[85] 2019-04-24
[86] 2018-10-12 (PCT/CA2018/051287)
[87] (WO2019/071355)
[30] US (62/571987) 2017-10-13
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[51] **Int.Cl. A61M 25/01 (2006.01) A61L 29/08 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **STEERABLE MEDICAL DEVICE WITH BRAIDED STRUCTURE AND THE PREPARING METHOD THEREOF**
[54] **DISPOSITIF MEDICAL ORIENTABLE A STRUCTURE TRESSEE ET SON PROCEDE DE PREPARATION**
[72] PALMRE, VILJAR, US
[72] KIM, DANIEL H., US
[72] SHIM, YOUNGHEE, US
[72] SHIN, DONG SUK, US
[73] XCATH, INC., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-04-02
[86] 2018-07-27 (PCT/US2018/044057)
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[30] US (62/539,338) 2017-07-31

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[51] **Int.Cl. E01B 31/13 (2006.01) B23C 3/00 (2006.01) B23C 5/06 (2006.01) B23C 5/20 (2006.01)**
[25] EN
[54] **RAIL RE-PROFILING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE REPROFILAGE DE RAILS**
[72] HUGHES, DONALD R., US
[72] GREENLEAF, WILLIAM P., US
[72] GRABOWSKI, CHARLES D., US
[73] GREENLEAF TECHNOLOGY CORPORATION, US
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[72] BURGESS, STEPHEN, US
[72] BELLINI, ARNOLD, III, US
[73] CONNECTWISE, LLC, US
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[72] LUO, TAO, US
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[72] PRENCIPE, MICHAEL, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **CADRE DE TREMPE POUR LA TREMPE THERMIQUE DE VITRES**
[72] ZEICHNER, ACHIM, DE
[72] SCHILLINGS, PETER, DE
[72] DEBAILLEUL, ROMAIN, FR
[72] MACHURA, CHRISTOPHE, FR
[72] PROCUREUR, PATRICK, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DU CANCER AVEC IMMUNOTHERAPIE ANTI-MESOTHELINE**
[72] ORENTAS, RIMAS, US
[72] SCHNEIDER, DINA, US
[72] DROPULIC, BORO, US
[72] DIMITROV, DIMITER S., US
[72] ZHU, ZHONGYU, US
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[54] **TRANCHEUSE HORIZONTALE A DISPERSION DE CHALEUR, SYSTEME ET METHODE**
[72] CELESLIE, CHRISTOPHER, US
[73] KRONOS FOODS CORP., US
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[54] **STRUCTURE COMPOSITE AVEC SEPARATEUR**
[72] SAWATZKY, TREVOR, CA
[72] EVERTON, BRADLEY, CA
[72] LI, XIANYAO, CA
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[72] THOMA, HANS-JURGEN, DE
[73] BAUERFEIND AG, DE
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[54] **PROCEDE DE PURIFICATION DE MATIERES PREMIERES RENOUVELABLES COMPRENANT DES TRIGLYCERIDES**
[72] GUTIERREZ, ANDREA, FI
[72] BJORKLOF, THOMAS, FI
[73] UPM-KYMMENE CORPORATION, FI
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[73] GENERAL ELECTRIC COMPANY, US
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[72] BUND, TIMO, DE
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[54] **SYSTEME ET PROCEDE DE DETECTION DE MATERIEL MALVEILLANT**
[72] KAMIR, EYAL, IL
[72] FOK, ALEXANDER, IL
[72] TUCHMAN, YANIV, IL
[72] BITTON, AVI, IL
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[72] CLARK, MARK, US
[72] WALLENTA, KALI, US
[72] NUILA, CARLOS, US
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[72] FERQUEL, ROMAIN, FR
[73] SAFRAN ELECTRONICS & DEFENSE, FR
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[54] **SECURITE DE TRANSACTIONS DISTRIBUEES ET SUIVI DE DONNEES MACHINE ET DE DONNEES AGRONOMIQUES**
[72] TATGE, JASON, US
[72] SCHIBI, CHRIS, US
[72] MOLA, DANIEL, US
[72] MUNRO, JASON, US
[72] BOWDEN, AERON, US
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[72] DMITRIEV, MIKHAIL, US
[72] LEE, NICHOLAS, US
[72] MOONKA, RAJAS, US
[72] GUPTA, MANISH, US
[73] GOOGLE LLC, US
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[54] **CHARIOT A ROULETTES DE COIN POUR STRUCTURES DE SUPPORT D'EXCAVATION ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] CHILTON, RONALD W., US
[73] NATIONAL TRENCH SAFETY, LLC, US
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[73] PROSLIDE TECHNOLOGY INC., CA
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[54] **SYSTEME DE FLUIDE DE LAVAGE CHAUFFE SANS FIL SUR DEMANDE SYNCHRONISE**
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[71] MEEK, TREVOR R., CA
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[54] **ENSEMBLE SOLENOIDE AVEC CIRCUIT DE SECTEUR ACTUEL CONSTANT INTEGRE**
[72] SHAFFER, RANDALL, US
[72] DAVIS, BRETT L., US
[71] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **HUMIDIFICATEUR POUR BOCAL MASON ET COUVERCLE DE L`HUMIDIFICATEUR**
[72] PEDDE, KENNETH, CA
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[54] **SYSTEME DE MANUTENTION DE PIEGE A POISSONS**
[72] STUART, VINCENT JOSEPH, CA
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[71] OAKLEAF CRANE AND INSPECTION SERVICES LTD., CA
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[71] MODERN SOLUTIONS INC., CA
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[54] **NOUVELLE METHODE DE STIMULATION**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
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[54] **LASER AVEC PIERRE PRECIEUSE POUR THERAPIE HOLISTIQUE**
[72] WONG, YAT F., CA
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[54] **WATER PIPE WITH LID THAT COVERS THE BOWL AND MOUTHPIECE, AND RELATED METHODS OF ASSEMBLY AND USE**
[54] **CONDUITE D`EAU AVEC COUVERCLE POUR COUVRIR LE BOL ET L`EMBOUCHURE, ET PROCEDES CONNEXES DE MONTAGE ET D`UTILSATION**
[72] LARSEN, CORY D., CA
[72] KAZAKOFF, NICHOLAS J., CA
[72] GALLAGHER, BRENDAN P., CA
[72] WEBSTER, JOHNATON M., CA
[71] LARSEN, CORY D., CA
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[54] **SYSTEME ET PROCEDE DE PROFIL D`AFFICHAGE DE CHAMP LUMINEUX CORRECTEUR VARIABLE**
[72] MIHALI, RAUL, US
[72] ETIGSON, JOSEPH IVAR, CA
[72] JOLY, JEAN-FRANCOIS, CA
[72] MERIZZI, ANDRE MICHEL DANIEL, CA
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[54] **CORRECTIVE LIGHT FIELD DISPLAY PROFILE COMMUNICATION AND INTEGRATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D`INTEGRATION ET DE COMMUNICATION DU PROFIL D`AFFICHAGE DE CHAMP LUMINEUX CORRECTEUR**
[72] MIHALI, RAUL, US
[72] JOLY, JEAN-FRANCOIS, CA
[72] MERIZZI, ANDRE MICHEL DANIEL, CA
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[72] SCHMALTZ, CLINTON, CA
[71] PURE PATH GOLF LTD., CA
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[54] **SYSTEME D`ANNEAUX ISOLANTS POUR PIEUX**
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[72] HOLLAND, KRISTIAN J., CA
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[54] **SYSTEME ANTIROTATION DOTE DE RAINURE DE CLAVETTE REMPLACABLE**
[72] FISHER, CRAIG, CA
[72] ROONEY, BRIAN, CA
[72] CAMPBELL, SEAN A., CA
[72] FAROOQI, GUL RAIZ, CA
[72] FOUCHER, EDWARD, CA
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[54] **PARTIAL UPGRADING OF BITUMEN WITH SUBSURFACE SOLVENT DEASPHALTING AND AT-SURFACE THERMAL TREATMENT**
[54] **VALORISATION PARTIELLE DU BITUME AVEC DESASPHALTAGE AU SOLVANT DE SUBSURFACE ET TRAITEMENT THERMIQUE A LA SURFACE**
[72] HUQ, IFTIKHAR, CA
[72] REDDY, PRABHAKAR, CA
[72] SEGATO, RANDY, CA
[72] MORRIS, PAUL, CA
[72] PARMAR, GOVINDER, CA
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[54] **ACCESSOIRE DE REMORQUAGE POUR FEUX DE REMORQUAGE ET MODE DE FONCTIONNEMENT**
[72] SELIGMAN, DYLAN, CA
[72] KENNEDY, LEILA, CA
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[54] **TROUSSE HYGIENIQUE POUR AVIONS**
[72] MIZERA, SHEILA M., CA
[72] STALKER, KEVIN A., CA
[71] MIZERA, SHEILA M., CA
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[54] **UN OU DEUX TUYAUX A GAZ DE CHEMINEE ET SYSTEME D'AIR DE COMBUSTION**
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[54] **SECURITE D'APPRENTISSAGE AUTOMATIQUE DEFINIE PAR LOGICIEL VIRTUALISE ORIENTEE PERIMETRES**
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[54] **ACCESSOIRE DE SIEGE D`AUTO**
[72] CHEVALIER, ALICIA D., CA
[71] CHEVALIER, ALICIA D., CA
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[54] **PET FEEDING BOWL**
[54] **MANGEOIRE POUR ANIMAL DOMESTIQUE**
[72] OSMOND, LAURIE WELDON, CA
[71] OSMOND, LAURIE WELDON, CA
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[54] **SURFACE HEATING ASSEMBLY AND RELATED METHODS**
[54] **ENSEMBLE DE CHAUFFAGE EN SURFACE ET METHODES CONNEXES**
[72] GAGNON, GILES, CA
[71] SCHLUTER SYSTEMS (CANADA) INC., CA
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[54] **A VERY COMPACT AND ECONOMICAL ELECTROPNEUMATIC DEVICE COMPRISING A CONVEYOR AND A STORAGE STATION**
[54] **UN APPAREIL ELECTROPNEUMATIQUE TRES COMPACTE ET ECONOMIQUE COMPRENANT UN CONVOYEUR ET UNE STATION DE STOCKAGE**
[72] KADIMA-NZUJI, ALOIS, CA
[71] KADIMA-NZUJI, ALOIS, CA
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[54] **TRAFFIC DOOR CONSTRUCTION AND METHOD OF MAKING SAME**
[54] **CONSTRUCTION DE PORTE DE TRAFIC ET SON PROCEDE DE FABRICATION**
[72] CLARK, ROBERT J., US
[71] PHOENIX DOOR SYSTEMS LLC, US
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[54] **METHODS OF ADMINISTERING ANTI-CD38 ANTIBODY**
[54] **METHODES D'ADMINISTRATION DE L'ANTICORPS ANTI-CD38**
[72] AUDAT, HELOISE, FR
[72] MARION, SYLVIA, US
[72] CAMPANA ZAMBRANO, FRANK, US
[71] SANOFI, FR
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[54] **METHOD AND SYSTEM TO VARY SUCTION TEMPERATURE TO POSTPONE FROST FORMATION**
[54] **PROCEDE ET SYSTEME POUR VARIER LA TEMPERATURE D`ASPIRATION POUR RETARDER LA FORMATION DE GEL**
[72] NAJAFIFARD, FARDIS, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-07-04
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[54] **VAPORISATEUR D`HUILES ESSENTIELLES PORTABLE A REGULATION DE TEMPERATURE**
[72] KRIETZMAN, MARK, US
[71] KRIETZMAN, MARK, US
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[54] **A GAMING DEVICE**
[54] **APPAREIL DE JEU**
[72] BRYANT, NATALIE, AU
[72] CHIARAVALLE, JOHN, AU
[71] ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LIMITED, AU
[22] 2019-10-11
[41] 2020-11-08
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[54] **TREATMENT OF FERTIGATION WATER**
[54] **TRAITEMENT DE L`EAU DE FERTIGATION**
[72] LEVESQUE, SERGE, CA
[72] GRAHAM, THOMAS, CA
[72] BEJAN, DORIN, CA
[72] LAWSON, JAMIE, CA
[72] DIXON, MIKE, CA
[72] ZHANG, PING, CA
[71] UNIVERSITY OF GUELPH, CA
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[25] EN
[54] **COATED ROOFING MATERIALS**
[54] **MATERIAUX DE COUVERTURE REVETUS**
[72] SCHWEIGER, SCOTT, US
[72] VERHOFF, JONATHAN, US
[72] GADLEY, JESSE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **COCKPIT CONTROLS SIMULATION**
[54] **SIMULATION DE COMMANDES DE POSTE DE PILOTAGE**
[72] ANTRAYGUE, CEDRIC, FR
[71] RATIER-FIGEAC SAS, FR
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[25] EN
[54] **IMMERSIVE LIVE-ACTION GAMING FACILITY**
[54] **INSTALLATION DE JEU IMMERSIF**
[72] SCHMIDT, ADAM, CA
[71] ACTIVATE GAMES INC., CA
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[51] **Int.Cl. F25B 5/02 (2006.01)**
[25] EN
[54] **INTEGRATED COOLING SYSTEM WITH FLOODED AIR CONDITIONING HEAT EXCHANGER**
[54] **SYSTEME DE REFROIDISSEMENT INTEGRE AVEC ECHANGEUR DE CHALEUR A REFROIDISSEMENT PAR AIR NOYE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
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[41] 2020-11-13
[30] US (62/846,824) 2019-05-13
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[54] **COUVERCLE DE GRILLE A SURFACE QUADRIQUE**
[72] BADITA, NICOLAE, CA
[72] WRIGHT, WILLIAM J., CA
[71] HYDROPOOL INC., CA
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[25] EN
[54] **COOLING SYSTEM WITH ADDITIONAL RECEIVER**
[54] **SYSTEME DE REFROIDISSEMENT AVEC RECEPTEUR SUPPLEMENTAIRE**
[72] SUN, XI, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
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[54] **SCALABLE NETWORK OVERHEAD FOR CONTESTED ENVIRONMENTS**
[54] **TETE DE RESEAU EXTENSIBLE POUR LES MILIEUX CONTESTES**
[72] REIMANN, MATTHEW J., US
[72] GIALLORENZI, THOMAS R., US
[72] KENNY, BRENT, US
[72] KOMER, CHAD S., US
[72] THORP, BRIAN, US
[72] WILDEN, JASON, US
[72] HIRZ, PHILIP M., US
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[54] **CLOSED-LOOP TRANSMISSION RATE CONTROL**
[54] **REGULATION DE VITESSE DE TRANSMISSION EN BOUCLE FERMEE**
[72] GIALLORENZI, THOMAS R., US
[72] KINGSTON, SAMUEL C., US
[72] YASKOFF, NICHOLAS T., US
[72] ZARUBICA, RADIVOJE, US
[72] HALL, ERIC K., US
[71] L3HARRIS TECHNOLOGIES, INC., US
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[54] **DYNAMIC MULTI-CHANNEL POWER MANAGEMENT FOR NEIGHBOR DISCOVERY**
[54] **GESTION DYNAMIQUE DE LA CONSOMMATION D'ENERGIE MULTIVOIES POUR LA DECOUVERTE D'HOTES VOISINS**
[72] HIRZ, PHILIP M., US
[72] KENNEY, BRENT, US
[72] GIALLORENZI, THOMAS R., US
[72] REIMANN, MATHHEW J., US
[72] NEWBOLD, PATRICK L., US
[71] L3HARRIS TECHNOLOGIES, INC., US
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[54] **GARMENT EXTENDER**
[54] **RALLONGE DE VETEMENTS**
[72] MCHUGH, MICHAEL BENJAMIN, CA
[71] MCHUGH, MICHAEL BENJAMIN, CA
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[54] **WASHABLE DRINKING STRAW**
[54] **PAILLE LAVABLE**
[72] ZHANG, YAMEI, CN
[71] SHANGHAI CHENXIN INDUSTRIAL CO., LTD., CN
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[54] **CARGO AERIAL DELIVERY SYSTEMS AND RELATED METHODS**
[54] **SYSTEMES DE LIVRAISON AERIENNE DE MARCHANDISES ET PROCEDES CONNEXES**
[72] POLUS, JEFFREY EDWARD, US
[71] THE BOEING COMPANY, US
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[54] **PERFLUOROALKYL SUBSTANCES (PFAS) PHYTOREMEDIATION BY MANILPULATING SOIL PROPERTIES AND PLANT MANAGEMENT**
[54] **PHYTOREMEDIATION DE SUBSTANCES PERFLUOROALKYLEES PAR MANIPULATION DES PROPRIETES DU SOL ET GESTION DES PLANTES**
[72] HUFF, DAVID KNOX, US
[72] NUTTER, WADE LOWRY, US
[71] NUTTER & ASSOCIATES, INC., US
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[54] **FASTENER AND METHODS OF MANUFACTURING AND USE**
[54] **FIXATION ET PROCEDES DE FABRICATION ET SON UTILISATION**
[72] SIMPSON, BLAKE A., US
[71] THE BOEING COMPANY, US
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[54] **THROUGH SILICON VIA FABRICATION**
[54] **FABRICATION DE TROUS DE LIAISON A TRAVERS LE SILICIUM**
[72] HIGASHI, ROBERT EDWARD, US
[72] LU, SON THAI, US
[72] CHANHVONGSAK, ELENITA MALASMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLIES FOR SURGICAL ACCESS ASSEMBLIES**
[54] **ENSEMBLE D`ETANCHEITE POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] EBERSOLE, GARRETT, US
[72] DESJARDIN, KEVIN, US
[72] LAPIERRE, NICOLETTE, US
[72] DININO, MATTHEW, US
[72] BROWN, ERIC, US
[72] PILLETERE, ROY, US
[71] COVIDIEN LP, US
[22] 2020-03-26
[41] 2020-11-09
[30] US (16/407,424) 2019-05-09

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[51] **Int.Cl. A01D 41/14 (2006.01) A01D 34/40 (2006.01) A01D 41/06 (2006.01) A01D 57/20 (2006.01)**
[25] EN
[54] **DRAPER HEADER FOR A CROP HARVESTING MACHINE**
[54] **TETE DE COUPE A TABLIER DE MOISSONNEUSE**
[72] BELL, ANDREW, CA
[72] SHEARER, BRUCE, CA
[71] MACDON INDUSTRIES LTD., CA
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[30] US (62846976) 2019-05-13

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[13] A1
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[25] EN
[54] **SYSTEM FOR DETERMINING THE STACK CLOSURE PRESSURE OF A BRAKE STACK**
[54] **SYSTEME DE DETERMINATION DE LA PRESSION DE FERMETURE D`UN COMPOSANT DE FREINS EMPILES**
[72] YAMAMOTO, DAVID T., US
[72] SMITH, STEVEN ELLIOT, US
[72] FORGHANI, NIMA, US
[71] THE BOEING COMPANY, US
[22] 2020-04-07
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[30] US (16/410720) 2019-05-13
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[51] **Int.Cl. H01Q 19/10 (2006.01) G01S 13/74 (2006.01) H01Q 19/12 (2006.01)**
[25] EN
[54] **DIRECTIONAL RFID ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE RFID DIRECTIONNELLE**
[72] WAPPLER, WILLIAM, US
[71] SURGERE, INC., US
[22] 2020-04-09
[41] 2020-11-14
[30] US (16/411,239) 2019-05-14

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[51] **Int.Cl. A01G 23/00 (2006.01) B66C 13/04 (2006.01) B66C 15/04 (2006.01) F16P 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING TOOL**
[54] **PROCEDE ET SYSTEME DE CONTROLE DES OUTILS**
[72] ALFTHAN, ARTO, FI
[72] PAAKKUNAINEN, MARKO, FI
[71] DEERE & COMPANY, US
[22] 2020-04-01
[41] 2020-11-14
[30] EP (19174505.8) 2019-05-14

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLIES FOR SURGICAL ACCESS ASSEMBLIES**
[54] **ENSEMBLE D`ETANCHEITE POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] EBERSOLE, GARRETT, US
[72] DESJARDIN, KEVIN, US
[72] LAPIERRE, NICOLETTE, US
[72] DININO, MATTHEW, US
[72] BROWN, ERIC, US
[72] PILLETERE, ROY, US
[71] COVIDIEN LP, US
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[30] US (16/407,424) 2019-05-09

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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61K 9/00 (2006.01) A61M 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE**
[54] **AGRAFEUSE CHIRURGICALE**
[72] SCHULZ-JANDER, DANIEL, US
[71] COVIDIEN LP, US
[22] 2020-04-15
[41] 2020-11-08
[30] US (62/844,879) 2019-05-08
[30] US (16/839,253) 2020-04-03

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61K 9/00 (2006.01) A61M 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE**
[54] **AGRAFEUSE CHIRURGICALE**
[72] HUSSAINI, SULAIMAN, US
[72] HODGKINSON, GERALD, US
[72] SCHULZ-JANDER, DANIEL, US
[72] BRONSON, DWIGHT G., US
[71] COVIDIEN LP, US
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[41] 2020-11-08
[30] US (62/844,861) 2019-05-08
[30] US (16/839,302) 2020-04-03

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[13] A1
[51] **Int.Cl. B23K 35/28 (2006.01) C22C 21/06 (2006.01)**
[25] EN
[54] **ALUMINUM WELDING ALLOYS WITH IMPROVED PERFORMANCE**
[54] **ALLIAGES DE SOUDURE D`ALUMINIUM AVEC RENDEMENT AMELIORE**
[72] ZHANG, SHENJIA, US
[72] SEKUNDA, JANUSZ STANISLAW, US
[72] BILODEAU, JEAN, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[41] 2020-11-10
[30] US (16/409,519) 2019-05-10

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[51] **Int.Cl. H04L 12/22 (2006.01) G06F 21/55 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED INTRUSION DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION D`INTRUSIONS AUTOMATISEE**
[72] AHLUWALIA, RAJPREET SINGH, US
[71] THE BOEING COMPANY, US
[22] 2020-04-17
[41] 2020-11-10
[30] US (16/409,735) 2019-05-10

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 27/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING A ROTORCRAFT ENGINE**
[54] **PROCEDE ET SYSTEME DE FONCTIONNEMENT D'UN MOTEUR DE GIRAVION**
[72] MANOUKIAN, PATRICK, CA
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA
[72] BIBOR, OLIVIER, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-11-14
[30] US (16/425,428) 2019-05-29
[30] US (62/847,392) 2019-05-14

[21] **3,079,061**
[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64D 31/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING AN UNCOMMANDED OR UNCONTROLLABLE HIGH THRUST EVENT IN AN AIRCRAFT**
[54] **SYSTEME ET PROCEDE DE DETECTION D`UN EVENEMENT PUISSANT NON SOLLICITE OU INCONTROLABLE DANS UN AERONEF**
[72] CHAHAL, JASRAJ, CA
[72] MOUNIR FATY, ZACHARY, CA
[72] LISIO, CARMINE, CA
[72] MCGRATH, DARRAGH, CA
[72] ZINGARO, GIANCARLO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-11-13
[30] US (16/410,270) 2019-05-13

[21] **3,079,182**
[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/20 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **SHROUD INTERLOCK**
[54] **INTERVERROUILLAGE D`AUBE**
[72] MORADI, NILOOFAR, CA
[72] PIETROBON, JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-11-08
[30] US (16/406,435) 2019-05-08

[21] **3,079,288**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01)**
[25] EN
[54] **SEED METER ASSEMBLY AND METERING MEMBER FOR SMALL GRAINS**
[54] **ENSEMBLE DOSEUSE DE GRAINES ET MEMBRE DE DOSAGE POUR LES PETITS GRAINS**
[72] WOLFS, BETH A., US
[72] SAMUELSON, JERRY, US
[72] GARNER, ELIJAH B., US
[71] DEERE & COMPANY, US
[22] 2020-04-23
[41] 2020-11-10
[30] US (16/409,418) 2019-05-10

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[21] **3,079,309**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **FAULT DETECTION SYSTEM AND METHOD FOR LIQUID LEVEL SENSING DEVICE**
[54] **SYSTEME DE DETECTION DES ANOMALIES ET METHODE LIEE A UN CAPTEUR DU NIVEAU DE LIQUIDE**
[72] BREGANI, BENJAMIN, CA
[72] MCCARTHY, SEAN, CA
[72] RENARD, NICOLAS, CA
[72] GHATTAS, ANDREW, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-11-10
[30] US (16/448,893) 2019-06-21
[30] US (62/846,128) 2019-05-10

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[21] **3,079,455**
[13] A1
[51] **Int.Cl. B60W 60/00 (2020.01) B60K 26/00 (2006.01) B60W 50/00 (2006.01)**
[25] EN
[54] **INTERLOCK SYSTEM FOR AUTONOMOUS VEHICLE**
[54] **SYSTEME DE VERROUILLAGE POUR VEHICULE AUTONOME**
[72] WHITFIELD, JAMES, JR., US
[72] HARPER, BRYAN, US
[71] LIEBHERR MINING EQUIPMENT NEWPORT NEWS CO., US
[22] 2020-04-24
[41] 2020-11-14
[30] US (16/412,128) 2019-05-14

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[21] **3,079,586**
[13] A1
[51] **Int.Cl. H01R 39/02 (2006.01) E21B 41/00 (2006.01)**
[25] FR
[54] **ELECTRIC ROTARY JOINT DEVICE CONFIGURED TO EQUIP A FLUID OPERATING FACILITY, PARTICULARLY ON AN OFFSHORE PLATFORM**
[54] **DISPOSITIF JOINT TOURNANT ELECTRIQUE CONFIGURE POUR EQUIPER UNE INSTALLATION D'EXPLOITATION DE FLUIDES, NOTAMMENT SUR UNE PLATEFORME OFFSHORE**
[72] SAINT-MICHEL, LAURENT, FR
[72] EBLE, JEAN-CLAUDE, FR
[71] EURO TECHNIQUES INDUSTRIES, FR
[22] 2020-04-28
[41] 2020-11-09
[30] FR (1904815) 2019-05-09

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[21] **3,079,730**
[13] A1
[51] **Int.Cl. F16N 7/38 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **VALVE CONTROL AND/OR LUBRICATION SYSTEM**
[54] **CIRCUIT DE LUBRIFICATION ET/OU DE COMMANDE DE LA VANNE**
[72] ZERKUS, JAMES MICHAEL, US
[72] RAYMOND, STEVEN DORNELL, US
[72] MACHADO, THIAGO GUIMARAES, US
[72] PILLAI, RAJEEV RAJAN, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2020-04-28
[41] 2020-11-08
[30] US (16/407,085) 2019-05-08

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[21] **3,079,843**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) F16L 37/113 (2006.01)**
[25] EN
[54] **QUICK DISCONNECT CONVEYANCE TUBES**
[54] **TUBES DE TRANSFERT A DEGAGEMENT RAPIDE**
[72] HARMON, ANDREW W., US
[72] PARKS, KYLE D., US
[72] LANDINEZ, JESUS, US
[71] DEERE & COMPANY, US
[22] 2020-04-30
[41] 2020-11-14
[30] US (16/411,729) 2019-05-14

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[21] **3,079,852**
[13] A1
[51] **Int.Cl. F16K 27/06 (2006.01) F16K 5/08 (2006.01) F16K 31/60 (2006.01) F16K 35/06 (2006.01)**
[25] EN
[54] **REVERSIBLE BALL VALVE**
[54] **ROBINET A TOURNANT SPHERIQUE REVERSIBLE**
[72] BOBO, DAVID ANDREW, US
[72] SHEPHARD, DARYLE, US
[72] KRAZIT, MATTHEW J., US
[72] WILLIAMSON, CARLA M., US
[71] NIBCO INC., US
[22] 2020-04-30
[41] 2020-11-08
[30] US (16/406.555) 2019-05-08

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[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/068 (2006.01) A61K 9/00 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61M 31/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE**
[54] **AGRAFEUSE CHIRURGICALE**
[72] HODGKINSON, GERALD N., US
[72] SOLTZ, MICHAEL A., US
[72] HUSSAINI, SULAIMAN, US
[72] SOUAD, SEDLIK, US
[71] COVIDIEN LP, US
[22] 2020-04-30
[41] 2020-11-08
[30] US (62/844,870) 2019-05-08
[30] US (16/839,332) 2020-04-03

[21] **3,080,038**
[13] A1
[51] **Int.Cl. E21B 29/10 (2006.01) B21D 39/20 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **EXPANSION SYSTEM USABLE WITH SHOELESS EXPANDABLE TUBULAR**
[54] **SYSTEME D`EXPANSION UTILISABLE AVEC CHAMBRE A AIR EXTENSIBLE SANS SEGMENT**
[72] CONNOR, ERIC JAMES, US
[71] ENVENTURE GLOBAL TECHNOLOGY, INC., US
[22] 2020-05-01
[41] 2020-11-08
[30] US (62/844,993) 2019-05-08

[21] **3,080,101**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **WING PLOW APPARATUS FOR VEHICLE**
[54] **APPAREIL DE CHARRUE EN AILE POUR VEHICULE**
[72] NIEMELA, CAL G., US
[72] QUENZI, PHILIP J., US
[71] NIEMELA, CAL G., US
[22] 2020-05-07
[41] 2020-11-08
[30] US (62/844932) 2019-05-08

[21] **3,080,182**
[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01)**
[25] EN
[54] **COMBUSTOR WALL ASSEMBLY FOR GAS TURBINE ENGINE**
[54] **PAROI DE CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**
[72] HU, TIN-CHEUNG JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-05-01
[41] 2020-11-09
[30] US (62/845,404) 2019-05-09
[30] US (16/715,022) 2019-12-16

[21] **3,080,280**
[13] A1
[51] **Int.Cl. H03K 19/195 (2006.01) G06N 10/00 (2019.01)**
[25] EN
[54] **QUANTUM D-STATE AC-STARK SHIFT GATE**
[54] **GRILLE DE DECALAGE CA-STARK A L`ETAT D QUANTIQUE**
[72] FEIG, MICHAEL SIMONDS, US
[72] SEDLACEK, JONATHAN, US
[72] KOKISH, MARK GABRIEL, US
[72] LANGER, CHRISTOPHER EUGENE, US
[72] GAEBLER, JOHN PAGNUCCI, US
[72] STACK, DANIEL THOMAS, US
[72] BJORK, BRYCE J., US
[72] VITTORINI, GRAHAME, US
[72] HAYES, DAVID LEE, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-05-04
[41] 2020-11-09
[30] US (62/845741) 2019-05-09
[30] US (16/717535) 2019-12-17

[21] **3,080,303**
[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 34/20 (2016.01) A61B 8/00 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT AND DEVICE HAVING ECHOGENIC MARKINGS**
[54] **INSTRUMENT ET DISPOSITIF MEDICAUX PRESENTANT UN MARQUAGE ECHOGENE**
[72] GUNKEL, HOLGER, DE
[71] THUERINGISCHES INSTITUT FUER TEXTIL-UND KUNSTSTOFF-FORSCHUNG E.V., DE
[22] 2020-05-05
[41] 2020-11-14
[30] DE (10 2019 112 606.1) 2019-05-14

[21] **3,080,326**
[13] A1
[51] **Int.Cl. H01M 10/04 (2006.01) B33Y 10/00 (2015.01) B33Y 40/00 (2020.01) B33Y 80/00 (2015.01) B29C 64/10 (2017.01) H01M 2/00 (2006.01) H01M 6/40 (2006.01)**
[25] EN
[54] **FLEXIBLE THIN-FILM PRINTED BATTERIES WITH 3D PRINTED SUBSTRATES**
[54] **PILES IMPRIMEES SUR FINE PELLICULE FLEXIBLE AVEC SUBSTRATS IMPRIMES EN 3D**
[72] CHOPRA, NAVEEN, CA
[72] MCGUIRE, GREGORY, CA
[72] ZWARTZ, EDWARD G., CA
[71] XEROX CORPORATION, US
[22] 2020-05-04
[41] 2020-11-10
[30] US (16/409498) 2019-05-10

[21] **3,080,338**
[13] A1
[51] **Int.Cl. E01H 1/04 (2006.01) E01H 1/05 (2006.01)**
[25] EN
[54] **AUTOMOTIVE SWEEPER**
[54] **BALAYEUSE AUTOMOBILE**
[72] ZIPES, ALEXANDER, CH
[72] ZIMMERMANN, THOMAS, CH
[71] BUCHER MUNICIPAL AG, CH
[22] 2020-05-05
[41] 2020-11-13
[30] CH (00626/19) 2019-05-13

[21] **3,080,359**
[13] A1
[51] **Int.Cl. B01F 15/04 (2006.01) B01F 5/00 (2006.01) B01F 15/02 (2006.01) G05D 11/02 (2006.01)**
[25] EN
[54] **ASPECT RATIO FLOW METERING DEVICE AND METHODS OF USING**
[54] **APPAREIL DE MESURE DU DEBIT DU RAPPORT LONGUEUR/LARGEUR ET METHODES D`UTILISATION**
[72] MCCURDY, BRENT, US
[71] DUBOIS CHEMICALS, INC., US
[22] 2020-05-07
[41] 2020-11-10
[30] US (62/846174) 2019-05-10

[21] **3,080,373**
[13] A1
[51] **Int.Cl. G06N 3/08 (2006.01) G06F 21/60 (2013.01) G06N 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AMD METHOD FOR MACHINE LEARNING ARCHITECTURE WITH PRIVACY-PRESERVING NODE EMBEDDINGS**
[54] **SYSTEME ET METHODE POUR ARCHITECTURE D'APPRENTISSAGE AUTOMATIQUE AVEC NOEUDS INCORPORES PRESERVANT LA CONFIDENTIALITE**
[72] HEGDE, NIDHI, CA
[72] SHARMA, GAURAV, CA
[72] SAPIENZA, FACUNDO, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-05-09
[41] 2020-11-10
[30] US (62/846,265) 2019-05-10

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[21] **3,080,375**
[13] A1
[51] **Int.Cl. F23D 11/38 (2006.01) F02C 7/22 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FUEL SWIRLER WITH GROOVES FOR PRESSURE FUEL NOZZLES**
[54] **COUPELLE POUR CARBURANT AVEC RAINURES POUR LES INJECTEURS DE CARBURANT SOUS PRESSION**
[72] JETTE, SYLVAIN, CA
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-05-06
[41] 2020-11-08
[30] US (16/406,388) 2019-05-08

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[21] **3,080,376**
[13] A1
[51] **Int.Cl. H02G 3/34 (2006.01) H01B 17/38 (2006.01) H01B 17/58 (2006.01) H02G 7/00 (2006.01)**
[25] EN
[54] **IMPROVED INSULATOR INSERT FOR SERVICE ENTRANCE CAP**
[54] **INSERT D'ISOLATEUR AMELIORE POUR TETE DE BRANCHEMENT**
[72] WILSON, LAURIN T., SR., US
[71] WILSON, LAURIN T., SR., US
[22] 2020-05-07
[41] 2020-11-14
[30] US (62/847,495) 2019-05-14

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[21] **3,080,380**
[13] A1
[51] **Int.Cl. E01H 1/08 (2006.01) E01H 1/05 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **FIRE HYDRANT SWEEPING MACHINE**
[54] **BALAYEUSE DE BORNE INCENDIE**
[72] LAPALME, ERIC, CA
[72] BOUCHARD, MARC, CA
[72] BELLEROSE, RENE, CA
[72] GAGNON, SEBASTIEN, CA
[71] EDDYNET INC., CA
[22] 2020-05-07
[41] 2020-11-09
[30] US (62845636) 2019-05-09

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[21] **3,080,385**
[13] A1
[51] **Int.Cl. B63B 35/00 (2020.01) B67D 9/00 (2010.01) B63B 27/34 (2006.01) B63H 21/38 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MARINE FUELING FROM RAIL CARS ON A DOCK**
[54] **APPAREIL ET PROCEDE POUR RAVITAILLEMENT EN CARBURANT MARIN A PARTIR D`UN WAGON PORTE-RAILS SUR UN QUAI**
[72] HARDY, JACOB, CA
[72] PERRY, GLEN, CA
[71] GRIZZLY OIL SANDS INC., CA
[22] 2020-05-08
[41] 2020-11-08
[30] US (62/845,167) 2019-05-08

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[21] **3,080,439**
[13] A1
[51] **Int.Cl. A01K 69/08 (2006.01)**
[25] EN
[54] **FISHING TRAP HANDLING SYSTEM**
[54] **SYSTEME DE MANUTENTION DE PIEGE A POISSONS**
[72] STUART, VINCENT, CA
[72] LE BLANC, GARY, CA
[71] OAKLEAF CRANE AND INSPECTION SERVICES LTD., CA
[22] 2020-05-06
[41] 2020-11-09
[30] CA (3042783) 2019-05-09

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[21] **3,080,490**
[13] A1
[51] **Int.Cl. F16L 37/22 (2006.01) F16L 37/32 (2006.01) F16L 37/34 (2006.01)**
[25] FR
[54] **FEMALE ELEMENT AND FLUIDIC CONNECTORS**
[54] **ELEMENT FEMELLE ET RACCORD FLUIDIQUE**
[72] TIBERGHIEN, ALAIN-CHRISTOPHE, FR
[72] DURIEUX, CHRISTOPHE, FR
[72] MAYER, ROMAIN, FR
[71] STAUBLI FAVERGES, FR
[22] 2020-05-07
[41] 2020-11-14
[30] FR (1904996) 2019-05-14

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[13] A1
[51] **Int.Cl. E02F 3/40 (2006.01) E02F 3/36 (2006.01) E02F 3/96 (2006.01)**
[25] EN
[54] **QUICK RELEASE BUCKETS FOR BUCKET WHEELS**
[54] **GODETS A LIBERATION RAPIDE POUR ROUES A GODETS**
[72] VORAUER, JOACHIM GEORG, AT
[72] PLETZ, RUDOLF, AT
[72] SMAJLOVIC, BELMIN, AT
[71] FLSMIDTH A/S, DK
[22] 2020-05-11
[41] 2020-11-14
[30] US (62/847485) 2019-05-14

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[21] **3,080,501**
[13] A1
[51] **Int.Cl. E05F 15/603 (2015.01)**
[25] EN
[54] **MOTORIZED ACTUATOR AND MOVABLE BARRIER PROVIDED WITH SAID ACTUATOR, PARTICULARLY SUITABLE FOR AUXILIARY OR EMERGENCY SERVICES**
[54] **ACTIONNEUR MOTORISE ET BARRIERE MOBILE EQUIPEE DUDIT ACTIONNEUR, PARTICULIEREMENT ADAPTEE A DES SERVICES AUXILIAIRES OU D'URGENCE**
[72] ACETO, DANILO, IT
[72] MAGNONI, SAMUELE, IT
[71] FAAC S.P.A., IT
[22] 2020-05-08
[41] 2020-11-10
[30] IT (102019000006733) 2019-05-10

[21] **3,080,508**
[13] A1
[51] **Int.Cl. E05F 3/00 (2006.01) E05F 5/00 (2017.01)**
[25] EN
[54] **MOTORIZED ACTUATOR AND MOVABLE BARRIER PROVIDED WITH SAID ACTUATOR**
[54] **ACTIONNEUR MOTORISE ET BARRIERE MOBILE EQUIPEE DUDIT ACTIONNEUR**
[72] ACETO, DANILO, IT
[72] MAGNONI, SAMUELE, IT
[71] FAAC S.P.A., IT
[22] 2020-05-08
[41] 2020-11-10
[30] IT (102019000006728) 2019-05-10

[21] **3,080,518**
[13] A1
[51] **Int.Cl. B01J 38/44 (2006.01)**
[25] EN
[54] **METHODS AND REFORMING SYSTEMS FOR RE-DISPERSING PLATINUM ON REFORMING CATALYST**
[54] **PROCEDES ET SYSTEMES DE RESTRUCTURATION POUR DISPERSER DU PLATINE SUR LE CATALYSEUR DE REFORMAGE**
[72] ZALEWSKI, DAVID J., US
[72] DHARMAGADDA, VIDYA, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2020-05-08
[41] 2020-11-09
[30] US (62/845,485) 2019-05-09
[30] US (16/869,186) 2020-05-07

[21] **3,080,533**
[13] A1
[51] **Int.Cl. E21D 11/00 (2006.01)**
[25] EN
[54] **POLYMER MESH WITH REINFORCING BANDS FOR SKIN CONTROL IN HARD ROCK MINING**
[54] **MAILLAGE POLYMERE AVEC DES BANDES DE RENFORCEMENT POUR LA PROTECTION DE LA PEAU LORS DE L'EXPLOITATION MINIERE EN ROCHE DURE**
[72] STEFFENINO, JOHN, US
[71] TENSAR CORPORATION, LLC, US
[22] 2020-05-08
[41] 2020-11-10
[30] US (62/846,080) 2019-05-10
[30] US (16/862,894) 2020-04-30

[21] **3,080,535**
[13] A1
[51] **Int.Cl. E04G 13/00 (2006.01) E02D 27/02 (2006.01)**
[25] EN
[54] **MODULAR FOOTING FRAME**
[54] **CADRE DE BASE MODULAIRE**
[72] SCHMIDT, WILLIAM G., US
[71] INTEGRITY CONCRETE COMPANY, LLC, US
[22] 2020-05-06
[41] 2020-11-08
[30] US (16/867,011) 2020-05-05
[30] US (62/845,142) 2019-05-08

[21] **3,080,538**
[13] A1
[51] **Int.Cl. C10M 141/10 (2006.01) C10M 125/24 (2006.01) C10M 135/14 (2006.01) C10M 135/18 (2006.01) C10M 135/24 (2006.01) C10M 137/04 (2006.01) C10M 137/10 (2006.01)**
[25] EN
[54] **TRANSMISSION FLUID COMPOSITION FOR IMPROVED WEAR PROTECTION**
[54] **COMPOSITE DU LIQUIDE DE TRANSMISSION POUR UNE PROTECTION CONTRE L`USURE AMELIOREE**
[72] SCHWAEBISCH, DIRK, GB
[72] GILLOT, DAVID, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2020-05-08
[41] 2020-11-09
[30] EP (19173561.2) 2019-05-09

[21] **3,080,540**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) A47F 10/00 (2006.01) A47G 29/14 (2006.01) B65G 1/16 (2006.01)**
[25] EN
[54] **AN AUTOMATED OUTDOOR TERMINAL FOR STORAGE AND HANDOVER OF ONLINE GROCERY ORDERS AND A METHOD TO OPERATE THE TERMINAL**
[54] **TERMINAL EXTERIEUR AUTOMATISE POUR LE STOCKAGE ET LE TRANSFERT DE COMMANDES D'EPICERIE EN LIGNE ET PROCEDE POUR FAIRE FONCTIONNER LE TERMINAL**
[72] MUST, TARMO, EE
[72] ILP, MIKHEL, EE
[72] KUTT, ARNO, EE
[72] NUUDI, HARRY, EE
[72] SAETALU, REIN, EE
[71] CLEVERON AS, EE
[22] 2020-05-06
[41] 2020-11-14
[30] US (62/847813) 2019-05-14

[21] **3,080,542**
[13] A1
[51] **Int.Cl. G01V 5/10 (2006.01)**
[25] EN
[54] **A METHOD OF AND APPARATUS FOR DETERMINING COMPONENT WEIGHT AND/OR VOLUME FRACTIONS OF SUBTERRANEAN ROCK**
[54] **PROCEDE POUR DETERMINER LE POIDS DU COMPOSANT ET/OU LES FRACTIONS VOLUMIQUES DE ROCHES SOUTERRAINES**
[72] WHETTON, JAMES ANTHONY, GB
[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[22] 2020-05-06
[41] 2020-11-08
[30] GB (1906490.6) 2019-05-08

[21] **3,080,554**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **NOVEL STIMULATION METHOD**
[54] **NOUVELLE METHODE DE STIMULATION**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2020-05-08
[41] 2020-11-09
[30] CA (3,042,803) 2019-05-09

[21] **3,080,557**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/584 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHODS FOR UNCONVENTIONAL OIL RECOVERY (UOR) BY WATER-LIPIDS OR LIPIDS BY-PRODUCTS AND WATER-SOLVENT-LIPIDS OR LIPIDS BY-PRODUCTS EMULSIONS FLOODING**
[54] **PROCEDES POUR LA RECUPERATION DE PETROLE NON CONVENTIONNEL PAR LIPIDES ET EAU OU PAR SOUS-PRODUITS DE LIPIDES ET LIPIDES SOLUBLES DANS L'EAU OU DE SOUS-PRODUITS DE LIPIDES PAR RECUPERATION PAR INJECTION EN EMULSION**
[72] OZUM, BAKI, CA
[72] ARNIPALLY, SUMANTH K., IN
[72] NADERI, KHOSROW, US
[72] ROMANIUK, NIKOLAS, CA
[72] ATHAR, KHAN, CA
[71] APEX ENGINEERING INC., CA
[22] 2020-05-11
[41] 2020-11-10
[30] US (62846242) 2019-05-10

[21] **3,080,559**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01)**
[25] EN
[54] **INFANT CAR SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] MASON, KYLE S., US
[72] EGGERT-CROWE, COLIN F., US
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2020-05-06
[41] 2020-11-13
[30] US (62/846,887) 2019-05-13

[21] **3,080,565**
[13] A1
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[54] **INFANT CAR SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] MASON, KYLE S., US
[72] EGGERT-CROWE, COLIN F., US
[71] WONDERLAND SWITZERLAND AG, CH
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[54] **DISPLAY CONTAINER**
[54] **PRESENTOIR**
[72] SMITH, WILLIAM THOMAS, US
[72] SMITH, CHERYL ANN, US
[71] ALL PLASTIC, INC., US
[22] 2020-05-13
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[54] **FLUID TREATMENT TANK HAVING A LASER WELDED DISTRIBUTOR PLATE**
[54] **RESERVOIR DE TRAITEMENT DU FLUIDE AYANT UNE PLAQUE DE DISTRIBUTION SOUDEE AU LASER**
[72] VAUGHAN, DON, US
[72] PAQUETTE, MICHAEL, US
[71] CLACK CORPORATION, US
[22] 2020-05-06
[41] 2020-11-08
[30] US (16/406,576) 2019-05-08

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[25] EN
[54] **DECKING ANCHOR, DECKING SYSTEM UTILIZING THE DECKING ANCHOR, AND METHOD OF INSTALLING THE DECKING ANCHOR**
[54] **ANCRAGE DE TABLIER, SYSTEME DE TABLIER UTILISANT L'ANCRAGE DE TABLIER ET PROCEDE D'INSTALLATION DE L'ANCRAGE DE TABLIER**
[72] BOGH, BRIAN HANSEN, US
[72] BROWN, CHRISTOPHER LAWRENCE, US
[71] VERCO DECKING, INC., US
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[54] **FIBROUS STRUCTURES COMPRISING ZONES**
[54] **STRUCTURES FIBREUSES COMPRENANT DES ZONES**
[72] SWINICKI, ANDREA, US
[72] SEPELLO, CASSANDRA ANN, US
[72] RITTER, MATTHEW STEVEN, US
[72] GLASS, KATIE KRISTINE, US
[72] WALTHER, RACHAEL EDEN, US
[72] VIDAL, GUILLERMO MATIAS, US
[71] THE PROCTOR & GAMBLE COMPANY, US
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[54] **COLLIER DE MISE A LA TERRE**
[72] MUNDLE, TERRY D., CA
[71] R U GROUNDED ENERGY INC., CA
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[54] **COMPOSITE STRUCTURE HAVING A VARIABLE GAGE AND METHODS FOR FORMING A COMPOSITE STRUCTURE HAVING A VARIABLE GAGE**
[54] **STRUCTURE COMPOSITE AYANT UNE JAUGE VARIABLE ET PROCEDES POUR FORMER UNE STRUCTURE COMPOSITE AYANT UNE JAUGE VARIABLE**
[72] CHENG, JIANGTIAN, US
[71] THE BOEING COMPANY, US
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[54] **ELECTRONIC ATOMIZING DEVICE AND ATOMIZER AND SUCTION NOZZLE ASSEMBLY THEREOF**
[54] **DISPOSITIF D`ATOMISATION ELECTRONIQUE ET SON ENSEMBLE ATOMISEUR ET BUSE D'ASPIRATION**
[72] CHEN, SHOUHAO, CN
[72] LI, FUXUAN, CN
[71] SHENZHEN SMOORE TECHNOLOGY LIMITED, CN
[22] 2020-05-07
[41] 2020-11-08
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[54] **HORIZONTAL PORTION OF A FRAME IN A STUD WALL AND INSTALLATION TOOL THEREFOR**
[54] **PARTIE HORIZONTALE D`UN CADRE DE COLOMBAGE ET OUTIL D`INSTALLATION ASSOCIE**
[72] BELANGER, GHISLAIN, CA
[71] BELANGER, GHISLAIN, CA
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[51] **Int.Cl. F22B 33/00 (2006.01) E21B 43/24 (2006.01) F22B 33/18 (2006.01) F22B 35/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TWO-STAGE STEAM GENERATION**
[54] **METHODES ET SYSTEMES POUR GENERATION DE VAPEUR EN DEUX ETAPES**
[72] FERNER, PETER ANTHONY, CA
[72] SUN, SUSAN WEI, CA
[71] CENOVUS ENERGY INC., CA
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[25] EN
[54] **VAPORIZER COOLING SYSTEM WITH A MIXING CHAMBER**
[54] **SYSTEME DE REFROIDISSEMENT VAPORISATEUR AVEC CHAMBRE DE MELANGE**
[72] SIMRELL, AUSTYN, US
[72] CIACELLI, ANTHONY, US
[72] WYMER, NORMAN RUSSELL, JR., US
[71] SIMRELL COLLECTION, LLC, US
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[54] **PANELIZED LATH AND DRAINAGE PLANE SYSTEM FOR BUILDING EXTERIORS**
[54] **LATTE DE PANNEAUX ET SYSTEME DU PLAN D'ECOULEMENT DES EAUX POUR MURS EXTERIEURS DE BATIMENT**
[72] ATTEBERY, HAROLD C., II, US
[71] ATTEBERY, HAROLD C., II, US
[22] 2020-05-08
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[54] **HANDLE MECHANISMS FOR CIRCUIT BREAKERS AND RELATED SYSTEMS AND METHODS**
[54] **MECANISMES DE POIGNEE POUR DISJONCTEURS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] CLARK, JOHN, US
[72] PATWARDHAN, SUJIT, IN
[72] POWAR, RAMESH, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **ADDITIVE AND LUBRICANT FOR INDUSTRIAL LUBRICATION**
[54] **ADDITIF ET LUBRIFIANT POUR LUBRIFIANTS INDUSTRIELS**
[72] PRASAD, RICKY SHYAM, GB
[71] AFTON CHEMICAL CORPORATION, US
[22] 2020-05-11
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[25] EN
[54] **FOLDABLE GUARDRAIL ASSEMBLY FOR SELECTIVELY FACILITATING ACCESS TO A MACHINE COMPONENT**
[54] **ENSEMBLE GARDE-CORPS PLIABLE POUR FACILITER DE MANIERE SELECTIVE L'ACCES A UNE PIECE MECANIQUE**
[72] KOSHY, SUMIL, AU
[71] CATERPILLAR UNDERGROUND MINING PTY. LTD., AU
[22] 2020-05-11
[41] 2020-11-14
[30] AU (2019203354) 2019-05-14

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[54] **CRYOGENIC RADIO-FREQUENCY RESONATOR FOR SURFACE ION TRAPS**
[54] **RESONATEUR A RADIOFREQUENCES CRYOGENIQUE POUR PIEGES A IONS EN SURFACE**
[72] REED, ADAM, US
[72] SPAUN, BENJAMIN, US
[72] PRICE, ZACHARY, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **COIL SYSTEM WITH DIFFERENT CURRENTS DRIVEN THROUGH THE SHEILD AND PRIMARY COILS**
[54] **SYSTEME DE BOBINES AVEC MULTIPLES COURANTS PASSANT A TRAVERS LES BOBINES BLINDEES ET LES BOBINES PRIMAIRES**
[72] BINDSEIL, GERON, CA
[72] HARRIS, CHAD, CA
[72] HANDLER, WILL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[41] 2020-11-10
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[51] **Int.Cl. B02C 4/32 (2006.01) B02C 4/02 (2006.01)**
[25] EN
[54] **MILLING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE BROYAGE**
[72] TRACY, JOSHUA, US
[72] PEARSON, ALEX, US
[72] OLSON, ROY, US
[71] PEARSON INC., US
[22] 2020-05-12
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[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **GOLF SWING TRAINING AID**
[54] **APPAREIL D'ENTRAINEMENT POUR ELAN DE GOLF**
[72] SCHMALTZ, CLINTON, CA
[71] PERFECT PATH GOLF LTD., CA
[22] 2020-05-13
[41] 2020-11-13
[30] CA (3042879) 2019-05-13

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[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] EN
[54] **PIPETTE SYSTEM WITH INTERCHANGEABLE VOLUME COUNTER**
[54] **SYSTEME DE PIPETTE MUNI D'UN COMPTEUR DE VOLUME INTERCHANGEABLE**
[72] MALVOISIN, HERVE, FR
[71] GILSON S.A.S., FR
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[25] EN
[54] **ELECTRONIC CURRENT EQUALIZATION MODULE, CURRENT MIRROR CIRCUIT AND METHOD OF ASSEMBLING A CURRENT MIRROR CIRCUIT**
[54] **MODULE DE CORRECTION DU COURANT ELECTRONIQUE, CIRCUIT DU MIROIR DE COURANT ET PROCEDE D'ASSEMBLAGE DU CIRCUIT DU MIROIR DE COURANT**
[72] BOIVIN, PIERRE, CA
[71] GROUPE VARITRON INC., CA
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[25] EN
[54] **ULTRA-SOUND COMPATIBLE ARTIFICIAL CRANIAL PROSTHESIS WITH CUSTOMIZED PLATFORMS**
[54] **PROTHESE CRANIENNE ARTIFICIELLE COMPATIBLE AVEC UN ULTRA-SON MUNIE DE PLATEFORMES PERSONNALISEES**
[72] SAMPATH, PRAKASH, US
[72] DHANDHANIA, ADITYA, US
[71] GLIAVIEW LLC, US
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[51] **Int.Cl. E21B 23/04 (2006.01) E21B 33/12 (2006.01)**
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[54] **METHOD AND APPARATUS FOR SETTING DOWNHOLE PLUGS AND OTHER OBJECTS IN WELLBORES**
[54] **PROCEDE ET APPAREIL POUR INSTALLER DES BOUCHONS DE FOND DE TROU ET D'AUTRES OBJETS DANS LES PUITS**
[72] ROBICHEAUX, MICHAEL R., US
[72] FALGOUT, TREY, US
[72] COOK, TYLER, US
[72] MONTGOMERY, M. JOSEPH, US
[71] FORTRESS DOWNHOLE TOOLS, L.L.C., US
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[54] **DE-ICING MATERIAL AND METHOD OF FABRICATION THEREOF**
[54] **MATERIAU DEGIVREUR ET SON PROCEDE DE FABRICATION**
[72] GENDRON, JULIE, CA
[72] DESROCHERS, MICHAEL, CA
[72] DURAND, WEENA, CA
[72] VERMETTE, JEAN-FRANCOIS, CA
[72] MAHEUX-PICARD, CLAUDE, CA
[72] BARITEAU, ROBERT, CA
[71] 9201-6500 QUEBEC INC., CA
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[51] **Int.Cl. A63B 69/00 (2006.01)**
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[54] **SPORTS TRAINING AID**
[54] **DISPOSITIF D'AIDE A L'ENTRAINEMENT SPORTIF**
[72] CRANSTON, RENE, US
[71] TTP SPORTS, LLC, US
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[51] **Int.Cl. F03D 5/00 (2006.01)**
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[54] **WIND PLANT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL POUR CENTRALE EOLIENNE**
[72] ZOUGARI, MOHAMMED I., CA
[71] ZOUGARI, MOHAMMED I., CA
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[51] **Int.Cl. B64C 1/06 (2006.01) B29C 70/30 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **COMPOSITE STRINGER AND METHODS FOR FORMING A COMPOSITE STRINGER**
[54] **LISSES EN MATERIAU COMPOSITE ET PROCEDES POUR LES FORMER**
[72] CHENG, JIANGTIAN, US
[71] THE BOEING COMPANY, US
[22] 2020-05-06
[41] 2020-11-09
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[25] EN
[54] **TESTING DEVICES AND METHODS FOR STUDYING DEFORMATION CHARACTERISTICS OF MICROPILE BOREHOLES IN SOIL AND ROCK MIXTURES**
[54] **APPAREIL DE MISE A L`ESSAI ET PROCEDES POUR ETUDIER LES CARACTERISTIQUES DE DEFORMATION DE PUITS DE STOCKAGE DE MICROPIEUX DANS DES MELANGES DE SOL ET DE ROCHES**
[72] YING, CHUNYE, CN
[72] HU, XINLI, CN
[72] LI, LANXING, CN
[72] XIA, PENG, CN
[72] WANG, XUAN, CN
[72] TAN, SONGCHENG, CN
[72] FANG, XIAOHONG, CN
[71] CHINA UNIVERSITY OF GEOSCIENCES (WUHAN), CN
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[25] EN
[54] **COMPOSITIONS AND METHODS TO PREVENT AND TREAT BIOFILMS**
[54] **COMPOSITIONS ET PROCEDES POUR EMPECHER ET TRAITER LES BIOFILMS**
[72] IVANOVA, SVETLANA A., US
[72] DAVIS, DENNIS W., US
[72] ARENZ, BRAD W., US
[72] CONNELLAN, THOMAS K., US
[71] ZIOLASE, LLC, US
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[51] **Int.Cl. H05B 45/20 (2020.01) H05B 45/12 (2020.01) H05B 45/40 (2020.01) H05B 45/50 (2020.01) H05B 47/165 (2020.01) H05B 47/19 (2020.01) A01G 9/20 (2006.01)**
[25] EN
[54] **LED LIGHTING SYSTEM AND APPARATUS FOR GROWING PLANTS**
[54] **SYSTEME ET APPAREIL D`ECLAIRAGE DEL POUR FAIRE POUSSER DES PLANTES**
[72] SUTHERLAND, MARK, CA
[71] NINGBO HAIDER IMPACT AND EXPORT CO., LIMITED, CN
[22] 2020-08-31
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[51] **Int.Cl. H02J 7/00 (2006.01) H01H 47/32 (2006.01)**
[25] EN
[54] **CHARGE STATE CONTROL SYSTEM AND DEVICE**
[54] **SYSTEME ET APPAREIL DE CONTROLE DE L`ETAT DE CHARGE**
[72] OBEID, MAZEN, CA
[72] ROSSI, JEFFREY A., CA
[72] DE SOUSA, JASON, CA
[71] AYON ELECTRONICS CORP., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR UPGRADING CONVENTIONAL ACTIVATED SLUDGE PLANTS**
[54] **SYSTEMES ET PROCEDES DE MISE A NIVEAU D'INSTALLATIONS CLASSIQUES A BOUES ACTIVEES**
[72] COTE, PIERRE LUCIEN, CA
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-10-17
[86] 2017-04-21 (PCT/US2017/029008)
[87] (WO2018/194690)

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[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/78 (2006.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01) G07C 9/37 (2020.01)**
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[54] **FACE RECOGNITION SYSTEM, FACE RECOGNITION METHOD AND FACE RECOGNITION PROGRAM**
[54] **SYSTEME, METHODE ET PROGRAMME DE RECONNAISSANCE FACIALE**
[72] ITO, KAZUHIKO, JP
[72] SATO, MAKOTO, JP
[71] MICRONET CO. LTD., JP
[85] 2020-01-14
[86] 2019-06-14 (PCT/JP2019/023674)
[87] (3067795)
[30] JP (2019-090719) 2019-05-13

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[51] **Int.Cl. A61B 46/10 (2016.01)**
[25] EN
[54] **SURGICAL DRAPE FOR THERMAL TREATMENT BASIN**
[54] **CHAMP OPERATOIRE POUR BASSIN DE TRAITEMENT THERMIQUE**
[72] HENDRIX, HEIDI FRANCES, US
[72] RAWLINGS, DAVID RICHARD, US
[72] WILSON, MICHELLE, US
[71] MICROTEK MEDICAL, INC., US
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[54] **NONHOLONOMIC ROBOT FIELD COVERAGE METHOD**
[54] **PROCEDE DE COUVERTURE DE CHAMP PAR ROBOT NON HOLONOME**
[72] BARBOI, MICKEY, US
[72] GILBERT, NEVIN, US
[72] HOURANI, EESAM, US
[72] OLKIN, TERRY MICHAEL, US
[71] LEFT HAND ROBOTICS, INC., US
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[86] 2020-04-13 (PCT/US2020/027976)
[87] (3092826)
[30] US (62/965,026) 2020-01-23

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[13] A1
[51] **Int.Cl. H01L 21/302 (2006.01) H01L 29/778 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF**
[54] **DISPOSITIF A SEMICONDUCTEUR ET SON PROCEDE DE FABRICATION**
[72] SUN, QIAN, CN
[72] SU, SHUAI, CN
[72] ZHOU, YU, CN
[72] ZHONG, YAOZONG, CN
[72] GAO. HONGWEI, CN
[72] LIU, JIANXUN, CN
[72] ZHAN, XIAONING, CN
[72] FENG, MEIXIN, CN
[72] YANG, HUI, CN
[71] SUZHOU INSTITUTE OF NANO-TECH AND NANO-BIONICS (SINANO), CHINESE ACADEMYOF SCIENCES, CN
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[86] 2019-12-31 (PCT/CN2019/130362)
[87] (3093906)
[30] CN (2019103889104) 2019-05-10

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[13] A1
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[25] EN
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[54] **METHODE POUR LA CONCEPTION ET LA FABRICATION DE TURBINES A CUILLERES A JET CALIBRE**
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[72] JOSHI, MAHENDRA, US
[72] KLENNER, ROBERT, US
[72] MURRELL, GLEN, US
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[54] **METHODES DE TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE B (HBV)**
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[72] SHIH, DAW-TSUN, TW
[72] KU, CHENG-LUN, TW
[72] CHUNG, PEI-HAN, TW
[71] ELIXIRON IMMUNOTHERAPEUTICS (HONG KONG) LIMITED, CN
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[72] TRIMMER, JEFFERY K., US
[72] SHRADER, WILLIAM D., US
[72] HINMAN, ANDREW W., US
[72] HOLST, CHARLES R., US
[72] LATHAM, JOEY C., US
[72] BRUEGGER, JOEL J., US
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[72] GOLDSTEIN, JOEL, US
[72] VITALE, LAURA A., US
[72] HE, LIZHEN, US
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[54] **MEMBRANE DE MATRICE MELANGEE AVEC DE L'OXYDE DE GRAPHENE ET DU POLYMERE D'AMIDE POLYETHER POUR DESHYDRATER DU GAZ**
[72] ZHENG, SHIJUN, US
[72] LIN, WEIPING, US
[72] WANG, PENG, US
[72] KITAHARA, ISAMU, US
[72] BAGGE, BITA, US
[72] ERICSON, JOHN, US
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[54] **DISPOSITIF DOTE D'UNE PREMIERE CHAMBRE PERMETTANT DE RECEVOIR UN LIQUIDEBIOLOGIQUE**
[72] BREIDENBACH, NINA, DE
[72] REINECKE, JULIO, DE
[72] TROILLET, JULIEN, DE
[72] WEHLING, PETER, DE
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[72] SABO, ROBERT P., US
[72] CARLSON, CRAIG L., US
[72] HEGDE, NAGARAJ, US
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[54] **GUIDE DE LUMIERE FLEXIBLE ET DISSIPATEUR THERMIQUE POUR SYSTEMES ENDOSCOPIQUES**
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[72] SZABO, MICHAEL, US
[71] CONMED CORPORATION, US
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[54] **SYSTEMES ET PROCEDES POUR LA CAPTURE DE L'ENERGIE THERMIQUE, LE TRANSPORT A LONGUE DISTANCE, LE STOCKAGE ET LA DISTRIBUTION DE L'ENERGIE THERMIQUE CAPTUREE ET DE L'ENERGIE GENEREE A PARTIR DE CEUX-CI**
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[54] **COMBINAISON DE SOLUTIONS DE FLOTTATION A L'AIR DISSOUS ET DE BIOREACTEUR A FILM FIXE**
[72] DOYLE, MICHAEL L., US
[72] ERDOGAN, ARGUN OLCAYTO, US
[72] HYKE, DEBORAH, US
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[54] **UTILISATION D'INHIBITEURS DE FUBP1 DANS LE TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] LUANGSAY, SOUPHALONE, CH
[72] TESTONI, BARBARA, FR
[72] ZOULIM, FABIEN, FR
[72] OTTOSEN, SOREN, DK
[72] PEDERSEN, LYKKE, DK
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] CENTRE LEON BERARD, FR
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[54] **SYSTEME DE MAINTIEN MEDICAL ET PROCEDE POUR FACILITER LA PREPARATION D'ELEMENTS IMPLANTABLES**
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[71] UNITED HEALTH SERVICES HOSPITALS, INC., US
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[54] **PROCEDE DE RESTAURATION, DE REPARATION, DE RENFORCEMENT, DE PROTECTION OU DE CREATION DE TUNNELS EN TOLE ONDULEE ET TUNNELS EN TOLE ONDULEE**
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[71] S&P CLEVER REINFORCEMENT COMPANY AG, CH
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[72] HUANG, CHUNHUA, CN
[72] ZOU, RUI, CN
[72] WAN, LIBIN, CN
[72] ZHOU, JUNQIAO, CN
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[54] **POLYPEPTIDES DERIVES DE PATHOGENES ANIMAUX ET LEURS UTILISATIONS POUR L'INGENIERIE GENETIQUE**
[72] URNOV, FYODOR, US
[72] STAMATOYANNOPOULOS, JOHN A., US
[72] FUNNELL, ALISTER PW, US
[71] ALTIUS INSTITUTE FOR BIOMEDICAL SCIENCES, US
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[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT BASEES SUR LA PHOSPHORYLATION DE TAU SPECIFIQUE A UN SITE**
[72] BARTHELEMY, NICOLAS, US
[72] BATEMAN, RANDALL JOHN, US
[71] WASHINGTON UNIVERSITY, US
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[54] **DETECTION DE COMPROMISSION DE JUSTIFICATIF D'IDENTITE DANS UNE RESSOURCE EN NUAGE**
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[72] BEHRENS, SCOTT, US
[72] MCPEAK, TRAVIS, US
[71] NETFLIX, INC., US
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[54] **JOINT ROTATIF ET PROCEDE DE FABRICATION ASSOCIE**
[72] DIETLE, LANNIE L., US
[71] KALSI ENGINEERING INC., US
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[54] **SPECTROSCOPIE DYNAMIQUE D'ECHANGE DE GAZ DU XE-129**
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[72] DRIEHUYS, BASTIAAN, US
[72] WANG, ZIYI, US
[72] RAJAGOPAL, SUDARSHAN, US
[71] DUKE UNIVERSITY, US
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[54] **PROCEDE ET SYSTEME D'ALIGNEMENT D'ANTENNE AUTOMATIQUE**
[72] BUYDENS, JASON, US
[72] BULL, CHRISTOPHER, US
[71] TRILLIANT NETWORKS, INC., US
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[54] **GROUPE MOTOPROPULSEUR ELECTRIQUE ET SON PROCEDE D'ALIMENTATION**
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[54] **PROCEDES ET SYSTEMES DE RESERVATION DE RESSOURCES ET DE GESTION D'ACCES A DES RESSOURCES RESERVEES**
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[72] MANN, AJIT, AU
[72] SORIANO, MARCO ANTONIO, AU
[71] AIR STAYZ PTY LIMITED, AU
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[54] **CONSTRUCTIONS D'ANTICORPS ANTI-ROR**
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[72] LI, QUFEI, US
[72] NOCULA-LUGOWSKA, MALGORZATA AGNIESZKA, US
[72] GLASER, BRYAN, US
[71] EXELIXIS, INC., US
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[86] 2019-04-18 (PCT/US2019/028051)
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[72] DEROSA, FRANK, US
[72] BHAVSAR, ZARNA, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
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[72] BRAUN, DANIEL, DE
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[54] **COMPOSITIONS ET PROCEDES POUR INDUIRE UNE REPONSE IMMUNITAIRE**
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[72] REDCHENKO, IRINA, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[54] **DISPOSITIF DE CULTURE**
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[72] AKIYAMA, TAKUJI, JP
[72] OHSHIMA, KAZUTAKA, JP
[72] YAMADA, KOSUKE, JP
[72] YAMADA, SHINJIRO, JP
[71] PLANTX CORP., JP
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[54] **ELECTRONIC AEROSOL PROVISION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'AEROSOL ELECTRONIQUE**
[72] KERSEY, ROBERT, GB
[72] MOLONEY, PATRICK, GB
[72] BAKER, DARRYL, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-10-21
[86] 2019-04-26 (PCT/GB2019/051162)
[87] (WO2019/207312)
[30] GB (1806826.2) 2018-04-26

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[54] **ULTRASONIC SYSTEM**
[54] **SYSTEME ULTRASONORE**
[72] CERISOLA, NICCOLO, IT
[72] CARDONI, ANDREA, IT
[71] MECTRON S.P.A., IT
[85] 2020-10-21
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[54] **MAGNETIC FASTENER TECHNOLOGY FOR WALLBOARD PANELS**
[54] **TECHNOLOGIE DE FIXATION MAGNETIQUE POUR PANNEAUX MURAUX**
[72] IMMORDINO JR, SALVATORE C., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2020-10-21
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[25] EN
[54] **CONTAINER HAVING AN ADHESIVELY ATTACHED FITMENT**
[54] **RECIPIENT PRESENTANT UN ACCESSOIRE FIXE DE MANIERE ADHESIVE**
[72] HAM, KYLE FREDERIC, US
[72] BADER, EMIL PAUL, US
[72] NELTNER, ANDREW ERIC, US
[72] PEPPARD, TIMOTHY SEAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **HAPTIC FEEDBACK SYSTEMS AND METHODS FOR AN AMUSEMENT PARK RIDE**
[54] **SYSTEMES ET PROCEDES DE RETROACTION HAPTIQUE POUR UN MANEGE DE PARC D'ATTRACTIONS**
[72] HALL, GREGORY S., US
[72] BRUNO, DANTE LAMAR, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-10-21
[86] 2019-05-16 (PCT/US2019/032714)
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[54] **MULTIPORT VALVE**
[54] **VANNE A ORIFICES MULTIPLES**
[72] ANDERSON, ALFRED LEWIS, US
[72] KASSAB, ASMAA SADEK, US
[72] INMAN, PHILLIP M., US
[71] MOGAS INDUSTRIES, INC., US
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[54] **COKER SWITCH VALVE OPERATING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ACTIONNEMENT DE SOUPAPE DE COMMUTATEUR DE COKEFACTION**
[72] ANDERSON, ALFRED LEWIS, US
[72] KASSAB, ASMAA SADEK, US
[72] INMAN, PHILLIP M., US
[71] MOGAS INDUSTRIES, INC., US
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[54] **PARASITE VACCINE**
[54] **VACCIN PARASITAIRES**
[72] TONKIN, CHRIS, AU
[72] UBOLDI, ALESSANDRO, AU
[72] MCCONVILLE, MALCOLM, AU
[72] BLUME, MARTIN, AU
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
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[30] AU (2018901691) 2018-05-15
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[25] EN
[54] **SYSTEMS AND METHODS FOR ESTIMATING MECHANICAL PROPERTIES OF ROCKS USING GRAIN CONTACT MODELS**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION DE PROPRIETES MECANIQUES DE ROCHES A L'AIDE DE MODELES DE CONTACT DE GRAINS**
[72] COOK, JENNIE, US
[72] KERIMOV, ABDULLA, US
[72] LANE, NATHAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2020-10-21
[86] 2019-06-20 (PCT/US2019/038094)
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[25] EN
[54] **ACTIVE COMPOSITE MATERIALS FOR MICRO-FLUIDIC AND NANO- FLUIDIC DEVICES**
[54] **MATERIAUX COMPOSITES ACTIFS POUR DISPOSITIFS MICROFLUIDIQUES ET NANOFLUIDIQUES**
[72] PACKIRISAMY, MUTHUKUMARAN, CA
[72] OZHIKANDATHIL, JAYAN, CA
[71] PACKIRISAMY, MUTHUKUMARAN, CA
[71] OZHIKANDATHIL, JAYAN, CA
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[86] 2019-03-28 (PCT/CA2019/000039)
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[25] EN
[54] **DHA ENRICHED POLYUNSATURATED FATTY ACID COMPOSITIONS**
[54] **COMPOSITIONS D'ACIDES GRAS POLYINSATURES ENRICHIES EN DHA**
[72] LITTLER, STUART, AU
[71] NUSEED PTY LTD., AU
[85] 2020-10-22
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[54] **PROCESS FOR THE HYDROLYSIS OF QUINOLONE CARBOXYLIC ESTERS**
[54] **PROCEDE D'HYDROLYSE D'ESTERS D'ACIDES QUINOLONE-CARBOXYLIQUES**
[72] FEY, PETER, DE
[72] BERWE, MATHIAS, DE
[72] WIRTHS, JORG, DE
[72] WISCHNAT, RALF, DE
[72] LONGERICH, MARKUS, DE
[72] DIETZEL, ANTJE, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
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[25] EN
[54] **NOVEL HETEROARYL-TRIAZOLE AND HETEROARYL-TETRAZOLE COMPOUNDS AS PESTICIDES**
[54] **NOUVEAUX COMPOSES HETEROARYLE-TRIAZOLE ET HETEROARYLE-TETRAZOLE UTILISES EN TANT QUE PESTICIDES**
[72] ARLT, ALEXANDER, DE
[72] HALLENBACH, WERNER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] FUSSLEIN, MARTIN, DE
[72] WROBLOWSKY, HEINZ-JUERGEN, DE
[72] BUSCATO ARSEQUELL, ESTELLA, DE
[72] LINKA, MARC, DE
[72] ILG, KERSTIN, DE
[72] DAMIJONAITIS, ARUNAS JONAS, DE
[72] EBBINGHAUS-KINTSCHER, ULRICH, DE
[72] GORGENS, ULRICH, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] JESCHKE, PETER, DE
[72] TELSER, JOACHIM, DE
[72] HEISLER, IRING, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[86] 2019-04-18 (PCT/EP2019/060077)
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[30] EP (18169333.4) 2018-04-25
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[51] **Int.Cl. G10L 21/0388 (2013.01) G10L 19/24 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **INTEGRATION OF HIGH FREQUENCY AUDIO RECONSTRUCTION TECHNIQUES**
[54] **INTEGRATION DE TECHNIQUES DE RECONSTRUCTION AUDIO HAUTE FREQUENCE**
[72] KJOERLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[72] PURNHAGEN, HEIKO, SE
[72] EKSTRAND, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
[85] 2020-10-22
[86] 2019-04-25 (PCT/EP2019/060600)
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[30] EP (18169156.9) 2018-04-25

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[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **APPLICATOR FOR DEPOSITING A LAYER OF ADHESIVE OR SEALANT COMPOSITION ON A BIOLOGICAL AND/OR PROSTHETIC TISSUE**
[54] **APPLICATEUR POUR DEPOSER UNE COUCHE DE COMPOSITION ADHESIVE OU D'ETANCHEITE SUR UN TISSU BIOLOGIQUE ET/OU PROTHETIQUE**
[72] LAMAZOUADE, JULIEN, FR
[72] LOPES, MIGUEL, FR
[72] MENAND, SIMON, FR
[72] BIADILLAH, YOUSSEF, FR
[72] PEREIRA, MARIA, PT
[71] TISSIUM, FR
[85] 2020-10-22
[86] 2019-04-24 (PCT/EP2019/060517)
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[30] EP (18305509.4) 2018-04-24

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[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **SMOKING ARTICLE, SMOKING SYSTEM AND METHOD FOR AEROSOL GENERATION**
[54] **ARTICLE POUR FUMER, SYSTEME POUR FUMER ET PROCEDE DE GENERATION D'AEROSOL**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] HASEGAWA, TAKASHI, JP
[72] GARCIA GARCIA, EDUARDO JOSE, CH
[72] UEMURA, SHINICHIRO, CH
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-22
[86] 2019-04-25 (PCT/EP2019/060578)
[87] (WO2019/207027)
[30] EP (18169745.9) 2018-04-27

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/303 (2006.01)**
[25] EN
[54] **APPLICATOR FOR A SPECULUM ACCESSORY SLEEVE AND USE THEREOF**
[54] **APPLICATEUR POUR MANCHON ACCESSOIRE DE SPECULUM ET SON UTILISATION**
[72] LALLI, MARIA, US
[72] FREISSLER, CHRISTIAN, US
[72] LEE, KATIE, US
[72] PEPPERSACK, UTE, US
[71] CEEK WOMEN'S HEALTH, INC., US
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[86] 2018-05-04 (PCT/US2018/031202)
[87] (WO2018/204855)
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[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **JOINING SYSTEM FOR FLOOR PANELS**
[54] **SYSTEME DE REUNION POUR PANNEAUX DE PLANCHER**
[72] MARKOVSKI, BOBBY, SE
[72] ROSANDER, BENGT (DECEASED), SE
[72] PERSSON, MAGNUS, SE
[71] VILOX AB, SE
[85] 2020-10-22
[86] 2019-05-03 (PCT/EP2019/061431)
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[51] **Int.Cl. C08J 9/00 (2006.01) C08F 283/00 (2006.01) C08K 5/10 (2006.01) C08K 5/101 (2006.01)**
[25] EN
[54] **LOW VISCOSITY (METH)ACRYLATES AS REACTIVE ADDITIVES IN REACTIVE COMPOSITIONS FOR MAKING RIGID POLYURETHANE/POLYISOCYANURATE COMPRISING FOAMS**
[54] **(METH)ACRYLATES A FAIBLE VISCOSITE EN TANT QU'ADDITIFS REACTIFS DANS DES COMPOSITIONS REACTIVES POUR LA FABRICATION DE MOUSSES RIGIDES COMPRENANT DU POLYURETHANE/POLYISOCYANURATE**
[72] JONCHERAY, THOMAS JULIEN, BE
[72] BERNARDINI, JACOPO, BE
[72] VANDENBROECK, JAN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2020-10-22
[86] 2019-05-09 (PCT/EP2019/061935)
[87] (WO2019/219503)
[30] EP (18172124.2) 2018-05-14

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[51] **Int.Cl. H04W 16/26 (2009.01) H04B 7/0404 (2017.01) H04B 1/40 (2015.01) H04B 7/02 (2018.01) H04B 7/204 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL HIGH POWER USER EQUIPMENT**
[54] **EQUIPEMENT UTILISATEUR BIDIRECTIONNEL A HAUTE PUISSANCE**
[72] SUBASIC, BOJAN, CA
[71] REDLINE COMMUNICATIONS INC., CA
[85] 2020-10-22
[86] 2019-04-24 (PCT/CA2019/050519)
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[30] US (15/961,366) 2018-04-24

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[51] **Int.Cl. G06K 9/62 (2006.01) G06N 3/063 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **LEGENDRE MEMORY UNITS IN RECURRENT NEURAL NETWORKS**
[54] **UNITES DE MEMOIRE DE LEGENDRE DANS DES RESEAUX NEURONAUX RECURRENTS**
[72] VOELKER, AARON R., CA
[72] ELIASMITH, CHRISTOPHER D., CA
[71] APPLIED BRAIN RESEARCH INC., CA
[85] 2020-10-22
[86] 2020-03-06 (PCT/CA2020/050303)
[87] (WO2020/176994)
[30] US (62/814,767) 2019-03-06
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[51] **Int.Cl. A61K 9/20 (2006.01)**
[25] EN
[54] **AN ORAL TABLET FOR DELIVERY OF ACTIVE INGREDIENTS TO THE GASTROINTESTINAL TRACT**
[54] **COMPRIME ORAL POUR L'ADMINISTRATION D'INGREDIENTS ACTIFS AU TRACTUS GASTRO-INTESTINAL**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2020-10-22
[86] 2019-05-15 (PCT/DK2019/050159)
[87] (WO2019/219149)
[30] US (15/982,593) 2018-05-17

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[13] A1
[51] **Int.Cl. C01B 3/08 (2006.01) C01B 32/50 (2017.01) C01B 3/34 (2006.01) C01B 3/40 (2006.01) C01B 11/02 (2006.01) C01B 13/02 (2006.01)**
[25] EN
[54] **COMPOSITION FOR GENERATING HYDROGEN**
[54] **COMPOSITION POUR LA PRODUCTION D'HYDROGENE**
[72] COLLINS, MARK, GB
[72] COLLINS, CHASE, GB
[72] SIDDIQUI, ERTAN, GB
[71] IHOD LIMITED, GB
[85] 2020-10-22
[86] 2018-12-17 (PCT/EP2018/085227)
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[30] GB (1721129.3) 2017-12-18

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[51] **Int.Cl. G05B 19/042 (2006.01) B60H 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR RESETTING A DEVICE, AND DEVICE AND CONTROL UNIT**
[54] **PROCEDE DE REINITIALISATION D'UN APPAREIL AINSI QU'APPAREIL ET UNITE DE COMMANDE**
[72] DOMOTOR, MIHAI-ROBERT, DE
[72] PRESS, FRANZ, DE
[72] HOFLINGER, ULRICH, DE
[71] TRUMA GERATETECHNIK GMBH & CO. KG, DE
[85] 2020-10-22
[86] 2019-04-09 (PCT/EP2019/058928)
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[30] DE (10 2018 003 525.6) 2018-05-02

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[51] **Int.Cl. A24F 40/40 (2020.01) A24F 40/10 (2020.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE WITH PROTECTIVE COVER**
[54] **CIGARETTE ELECTRONIQUE DOTEE D'UN COUVERCLE DE PROTECTION**
[72] CLOUGH, RICHARD BRIAN, GB
[72] KING, STUART JAMES, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-22
[86] 2019-04-24 (PCT/EP2019/060433)
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[30] EP (18169014.0) 2018-04-24

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[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE WITH OPTIMISED VAPORISATION**
[54] **CIGARETTE ELECTRONIQUE A VAPORISATION OPTIMISEE**
[72] ADAIR, KYLE, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-22
[86] 2019-04-24 (PCT/EP2019/060540)
[87] (WO2019/207010)
[30] EP (18169008.2) 2018-04-24

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[51] **Int.Cl. A24F 40/42 (2020.01) A24F 40/10 (2020.01) A24F 40/40 (2020.01) A24F 40/44 (2020.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE WITH OPTIMISED VAPORISATION**
[54] **CIGARETTE ELECTRONIQUE A VAPORISATION OPTIMISEE**
[72] HIJMA, HERMAN, NL
[72] ADAIR, KYLE, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-22
[86] 2019-04-24 (PCT/EP2019/060541)
[87] (WO2019/207011)
[30] EP (18169009.0) 2018-04-24

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[25] EN
[54] **BURNER SYSTEM FOR A STEAM CRACKING FURNACE**
[54] **SYSTEME DE BRULEUR POUR FOUR DE VAPOCRAQUAGE**
[72] OUD, PETER, NL
[72] KINIK, UNAL, NL
[71] TECHNIP FRANCE, FR
[85] 2020-10-22
[86] 2019-04-26 (PCT/EP2019/060731)
[87] (WO2019/207105)
[30] EP (18169521.4) 2018-04-26

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[51] **Int.Cl. A61K 47/54 (2017.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CONJUGATES FOR TARGETING AND CLEARING AGGREGATES**
[54] **CONJUGUES PERMETTANT DE CIBLER ET D'ELIMINER DES AGREGATS**
[72] CROWTHER, DAMIAN C., GB
[72] HERVA, MARIA, GB
[72] BURLI, ROLAND, GB
[72] JERMUTUS, LUTZ, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2020-10-22
[86] 2019-04-29 (PCT/EP2019/060987)
[87] (WO2019/211253)
[30] US (62/664,345) 2018-04-30

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **FEEDBACK INFORMATION TRANSMISSION METHOD AND APPARATUS AND COMMUNICATIONS DEVICE**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATION DE RETOUR ET DISPOSITIF DE COMMUNICATION**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **EMBALLAGE POUR STOCKER DES PORTIONS DE PRECURSEUR DE BOISSON POUR PREPARER UNE BOISSON A PARTIR DE CES DERNIERES**
[72] MAGATTI, MARCO, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **ANTIBODY AGAINST TIM-3 AND APPLICATION THEREOF**
[54] **ANTICORPS DIRIGE CONTRE TIM-3 ET APPLICATION ASSOCIEE**
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[72] XUE, TONGTONG, CN
[72] ZHENG, YUNCHENG, CN
[72] XIAO, LIANG, CN
[72] LIU, DENGNIAN, CN
[72] SUN, JIANYU, CN
[72] HU, JIANGJIANG, CN
[72] MA, XINLU, CN
[72] ZHU, KANGYONG, CN
[72] LI, YUANLI, CN
[71] AMPSOURCE BIOPHARMA SHANGHAI INC., CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
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[54] **ASYMMETRICAL VACUUM-INSULATED GLAZING UNIT**
[54] **UNITE DE VITRAGE ISOLANT SOUS VIDE ASYMETRIQUE**
[72] BEN TRAD, ABDERRAZEK, BE
[72] JEANFILS, JULIEN, BE
[72] SCHNEIDER, PIERRE, FR
[71] AGC GLASS EUROPE, BE
[71] AGC INC., JP
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA, BR
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[25] EN
[54] **ASYMMETRICAL SAFE VACUUM-INSULATED GLAZING UNIT**
[54] **UNITE DE VITRAGE ISOLANT SOUS VIDE DE SECURITE ASYMETRIQUE**
[72] BEN TRAD, ABDERRAZEK, BE
[72] SCHNEIDER, PIERRE, FR
[72] DELLIEU, LOUIS, BE
[72] DESMEDT, AMELIA, BE
[71] AGC GLASS EUROPE, BE
[71] AGC INC., JP
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA, BR
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[54] **STEEL WIRE ROPE TENSION BALANCING SYSTEM AND METHOD FOR FRICTION HOISTING DRIVING END FOR EXTRA-DEEP WELL**
[54] **SYSTEME ET PROCEDE D'EQUILIBRAGE DE TENSION DE CABLE D'ACIER POUR EXTREMITE D'ENTRAINEMENT DE LEVAGE PAR FRICTION POUR PUITS EXTRA-PROFOND**
[72] ZHU, ZEHNCAI, CN
[72] CAO, GUOHUA, CN
[72] ZHOU, GONGBO, CN
[72] TANG, YU, CN
[72] JIANG, FAN, CN
[72] PENG, YUXING, CN
[72] SHEN, GANG, CN
[72] LU, HAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **BROSSE A DENTS ELECTRIQUE**
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[71] TREVISANI, ANDREA, IT
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[54] **SYSTEMS AND METHODS FOR AIDING TAX COMPLIANCE**
[54] **SYSTEMES ET PROCEDES D'ASSISTANCE A LA CONFORMITE FISCALE**
[72] WEST, JON, US
[72] MCINTRYE, IRISH, US
[71] THOMSON REUTERS ENTERPRISE CENTRE GMBH, CH
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[54] **APPARATUS AND METHOD FOR CONVERTING CENTRIFUGAL FORCE TO A UNIDIRECTIONAL FORCE**
[54] **APPAREIL ET PROCEDE POUR CONVERTIR UNE FORCE CENTRIFUGE EN UNE FORCE UNIDIRECTIONNELLE**
[72] MOSTOVOY, ALEXANDER, IL
[72] SHLAKHETSKI, VICTOR, IL
[71] INTELLITECH PTY LTD., AU
[85] 2020-10-22
[86] 2019-04-17 (PCT/IL2019/050434)
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[72] VAN BERKEL, PATRICK HENDRIKUS CORNELIS, GB
[72] FEINGOLD, JAY MARSHALL, US
[72] WUERTHNER, JENS, CH
[72] ADAMS, JAMES, US
[71] ADC THERAPEUTICS SA, CH
[71] MEDIMMMUNE LIMITED, GB
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[25] EN
[54] **VALVE ASSEMBLY FOR A BEVERAGE CONTAINER**
[54] **ENSEMBLE SOUPAPE POUR UN RECIPIENT DE BOISSON**
[72] COVI, EMANUELA, IT
[71] COVI, EMANUELA, IT
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[54] **KIT, DEVICE, AND METHOD FOR DETECTING BLADDER CANCER**
[54] **KIT, DISPOSITIF ET PROCEDE DE DETECTION D'UN CANCER DE LA VESSIE**
[72] YOSHIMOTO, MAKIKO, JP
[72] SUDO, HIROKO, JP
[72] KOZONO, SATOKO, JP
[72] KAWAUCHI, JUNPEI, JP
[72] OCHIYA, TAKAHIRO, JP
[72] FUJIMOTO, HIROYUKI, JP
[72] USUBA, WATARU, JP
[72] MATSUZAKI, JUNTARO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
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[54] **PIECE DE LINGERIE POUR FEMMES AYANT DES PARTIES FORMANT BONNET**
[72] HIRAKUBO AKIYO, JP
[71] GOLD FLAG LTD., JP
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[54] **CENTRIFUGAL CLUTCH**
[54] **EMBRAYAGE CENTRIFUGE**
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[72] YOKOMICHI, YUTA, JP
[72] KINE, YUTA, JP
[72] KATAOKA, MAKOTO, JP
[71] KABUSHIKI KAISHA F.C.C., JP
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[54] **COMPOSITIONS D'O-GLYCOSYLFLAVONOIDES**
[72] YAMAGUCHI, NAOTO, JP
[72] KIDA, HIROAKI, JP
[71] ALPS PHARMACEUTICAL IND., CO., LTD., JP
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[30] US (62/661,255) 2018-04-23
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[54] **SYSTEM FOR DRILL BIT CHANGE IN A DRILLING RIG, DRILLING RIG COMPRISING SUCH A SYSTEM, AND A METHOD FOR CHANGING DRILL BITS USING SUCH A SYSTEM**
[54] **SYSTEME DE CHANGEMENT DE TREPAN DANS UN APPAREIL DE FORAGE, APPAREIL DE FORAGE COMPRENANT UN TEL SYSTEME, ET PROCEDE DE CHANGEMENT DE TREPANS AU MOYEN D'UN TEL SYSTEME**
[72] HELLMAN, ANDERS, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2020-10-22
[86] 2019-05-16 (PCT/SE2019/050443)
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[72] YOKOMICHI, YUTA, JP
[72] KINE, YUTA, JP
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[54] **MEMBRANE POLYMERE RETICULEE**
[72] DAVOOD ABADI FARAHANI, MOHAMMAD HOSSEIN, SG
[72] CHUNG, TAI-SHUNG, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[54] **PREPARATION PHARMACEUTIQUE**
[72] BOYER, SCOTT, SE
[72] CAI, SHENGZEHN, SE
[72] HUBINETTE, FREDRIK, SE
[72] INGEMARSSON, LEIF, SE
[71] KLARIA PHARMA HOLDING AB, SE
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[54] **SOUCHE VACCINALE CONTRE LE CMVH**
[72] PLACHTER, BODO, DE
[72] ZIMMERMANN, CHRISTINE, DE
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[54] **SYSTEMES ET PROCEDES D'IMAGERIE PAR RAYONS X MONOCHROMATIQUES**
[72] SILVER, ERIC H., US
[71] IMAGINE SCIENTIFIC, INC., US
[85] 2020-10-22
[86] 2018-05-18 (PCT/US2018/033526)
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[25] EN
[54] **GRAPHICAL USER INTERFACE FEATURES FOR UPDATING A CONVERSATIONAL BOT**
[54] **CARACTERISTIQUES D'INTERFACE UTILISATEUR GRAPHIQUE POUR METTRE A JOUR UN ROBOT CONVERSATIONNEL**
[72] LIDEN, LARS, US
[72] WILLIAMS, JASON, US
[72] SHAYANDEH, SHAHIN, US
[72] MAZZOLA, MATT, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2020-10-22
[86] 2019-04-13 (PCT/US2019/027406)
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[54] **ANALYZING SECOND PARTY DIGITAL MARKETING DATA**
[54] **ANALYSE DE DONNEES DE MARKETING NUMERIQUE DE SECOND TIERS**
[72] GELLER, MICHAL, US
[72] HIGGINS, ERIC, US
[71] PEPSICO, INC., US
[85] 2020-10-22
[86] 2019-04-19 (PCT/US2019/028285)
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[30] US (15/969,384) 2018-05-02

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[54] **COUVERCLE DOTE D'UNE CHARNIERE**
[72] KIM, SUNGSUK STEVE, US
[71] SILGAN WHITE CAP LLC, US
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[86] 2019-03-07 (PCT/US2019/021139)
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[51] **Int.Cl. C07D 249/04 (2006.01)**
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[54] **METHODS OF PREPARING REGIOSELECTIVE N-ALKYL TRIAZOLES**
[54] **PROCEDES DE PREPARATION DE N-ALKYL-TRIAZOLES REGIOSELECTIFS**
[72] HUNT, HAZEL, US
[72] BREMAN, ARJEN CHRISTIAAN, US
[72] GRUIJTERS, BAS WILHELMUS THEODORUS, US
[71] CORCEPT THERAPEUTICS, INC., US
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[30] US (62/661,446) 2018-04-23
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[25] EN
[54] **TEXTILE MATERIALS CONTAINING ARAMID FIBERS AND DYED POLYPHENYLENE SULFIDE FIBERS**
[54] **MATERIAUX TEXTILES CONTENANT DES FIBRES D'ARAMIDE ET DES FIBRES DE SULFURE DE POLYPHENYLENE COLOREES**
[72] LI, SHULONG, US
[72] CHILD, ANDREW D., US
[71] MILLIKEN & COMPANY, US
[85] 2020-10-22
[86] 2019-04-09 (PCT/US2019/026454)
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[54] **DEVICE AND METHOD TO DETERMINE THE QUALITY OF A MEAT PRODUCT**
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DE LA QUALITE D'UN PRODUIT CARNE**
[72] JANE LOPEZ, FRANCISCO JAVIER, ES
[71] AIRA ROBOTICS, S.L., ES
[85] 2020-10-22
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[54] **IMPROVEMENTS TO DRYING TEXTILES**
[54] **AMELIORATIONS APPORTEES AU SECHAGE DE TEXTILES**
[72] ABBEY, THOMAS JAMES, GB
[72] TOMS, DAVID JOHN, GB
[72] BUTCHER, ALEX GEORGIA, GB
[71] CARES LABORATORY LIMITED, GB
[85] 2020-10-22
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[54] **LIVESTOCK MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE BETAIL**
[72] WOOTEN, FRANK, US
[72] SINGLER, PATRICK, US
[72] FITZGERALD, SCOTT, US
[72] PARKER, TODD, US
[72] KOMSUOGLU, HALDUN, US
[72] YARUSINSKY, MICHAEL ANTHONY, US
[72] HUGHES, MATT, US
[71] VENCE, CORP., US
[71] WOOTEN, FRANK, US
[71] SINGLER, PATRICK, US
[71] FITZGERALD, SCOTT, US
[71] PARKER, TODD, US
[71] KOMSUOGLU, HALDUN, US
[71] YARUSINSKY, MICHAEL ANTHONY, US
[71] HUGHES, MATT, US
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[54] **IMPERMEABILISATION DE MASSE SANS EAU**
[72] GEARY, DAVID T., US
[72] BURNS, ELIZABETH, US
[72] TREGGER, NATHAN A., US
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **CONTINUOUSLY VARIABLE TRANSMISSION ENGINE BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE DE MOTEUR A TRANSMISSION A VARIATION CONTINUE**
[72] ECK, BRIAN GEORGE, US
[72] REDDICK, JEFFREY PAUL, US
[72] OLSON, ALLEN LLOYD, US
[72] OKESON, SHANE CLAIR, US
[71] TEAM INDUSTRIES, INC., US
[85] 2020-10-22
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[30] US (62/661,460) 2018-04-23
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[54] **SEMI-AUTONOMOUS HOT-SWAP INFUSION MODULE**
[54] **MODULE DE PERFUSION A ECHANGE A CHAUD SEMI-AUTONOME**
[72] GAETANO, JEFFREY L., US
[72] BORGES, GREGORY, US
[72] ROZELL, EUGENE A., US
[72] BLOOM, MARK P., US
[72] SALEM, MOONEER T., US
[71] CAREFUSION 303, INC., US
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[86] 2019-04-22 (PCT/US2019/028561)
[87] (WO2019/209741)
[30] US (15/963,381) 2018-04-26

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[51] **Int.Cl. B65D 3/14 (2006.01) B31B 50/59 (2017.01) B31D 5/00 (2017.01) B31F 1/00 (2006.01)**
[25] EN
[54] **COATED PAPERBOARD CONTAINER, METHOD OF MANUFACTURING A COATED PAPERBOARD CONTAINER, AND CUP BOTTOM FORMING APPARATUS**
[54] **RECIPIENT EN CARTON REVETU, PROCEDE DE FABRICATION D'UN RECIPIENT EN CARTON REVETU ET APPAREIL DE FORMATION DE FOND DE GOBELET**
[72] LINVILL, ERIC D., SE
[72] PANG, JIEBIN, US
[72] MELTON, NATASHA G., US
[72] TAYLOR, JAMES M., US
[72] PARKER, STEVEN, US
[71] WESTROCK MWV, LLC, US
[85] 2020-10-22
[86] 2019-04-23 (PCT/US2019/028662)
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[30] US (62/664,404) 2018-04-30

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[51] **Int.Cl. C08G 69/10 (2006.01) A61K 47/64 (2017.01) A61K 47/34 (2017.01) C08G 69/40 (2006.01) C08G 69/48 (2006.01)**
[25] EN
[54] **CATIONIC POLYMER AND USE FOR BIOMOLECULE DELIVERY**
[54] **POLYMERE CATIONIQUE ET SON UTILISATION POUR L'ADMINISTRATION DE BIOMOLECULES**
[72] LEE, KUNWOO, US
[72] MAITY, SANTANU, US
[71] GENEDIT INC., US
[85] 2020-10-22
[86] 2019-04-29 (PCT/US2019/029746)
[87] (WO2019/210326)
[30] US (62/663,985) 2018-04-27
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ENGINEERED REGULATORY T CELL**
[54] **LYMPHOCYTE T REGULATEUR MODIFIE**
[72] STAUSS, HANS, GB
[72] WRIGHT, GRAHAM P., GB
[72] MCGOVERN, JENNY L., GB
[71] UCL BUSINESS LTD, GB
[85] 2020-10-22
[86] 2019-04-17 (PCT/GB2019/051097)
[87] (WO2019/202322)
[30] GB (1806330.5) 2018-04-18
[30] GB (1806331.3) 2018-04-18

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE FORMULATION FOR LOCAL DELIVERY OF CDK9 INHIBITORS**
[54] **FORMULATION A LIBERATION PROLONGEE POUR ADMINISTRATION LOCALE D'INHIBITEURS DE CDK9**
[72] HAUDENSCHILD, DOMINIK R., US
[72] YIK, JASPER H.N., US
[72] LEWIS, JAMAL S., US
[72] YARBROUGH, TOM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] TESIO PHARMACEUTICALS, INC., US
[85] 2020-10-22
[86] 2019-04-23 (PCT/US2019/028721)
[87] (WO2019/209825)
[30] US (62/661,599) 2018-04-23

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[54] **DATA ANALYTICS SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ANALYSE DE DONNEES**
[72] YU, BRUCE W., US
[72] CHIEN, CHI-MING J., US
[72] WONG, JEFFREY R., US
[72] WATKINS, STEVEN M., US
[71] VERSO BIOSCIENCES, INC., US
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[54] **MACHINE LEARNING-BASED DIAGNOSTIC CLASSIFIER**
[54] **CLASSIFICATEUR DE DIAGNOSTIC BASE SUR L'APPRENTISSAGE AUTOMATIQUE**
[72] MELLEM, MONIKA SHARMA, US
[72] LIU, YUELU, US
[72] AHAMMAD, PARVEZ, US
[72] GONZALEZ CABEZAS, HUMBERTO ANDRES, US
[72] MARTIN, WILLIAM J., US
[72] GERSBERG, PABLO CHRISTIAN, US
[71] BLACKTHORN THERAPEUTICS, INC., US
[85] 2020-10-22
[86] 2019-05-01 (PCT/US2019/030149)
[87] (WO2019/213221)
[30] US (62/665,243) 2018-05-01

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[54] **MOBILE PHONE COVER PROVIDING PASSIVE NOISE REDUCTION OF MICROPHONE AUDIO INPUT SIGNALS**
[54] **COUVERCLE DE TELEPHONE MOBILE PERMETTANT UNE REDUCTION PASSIVE DU BRUIT DE SIGNAUX D'ENTREE AUDIO DE MICROPHONE**
[72] BOHN, MADS, NO
[71] FURTUNE AS, NO
[85] 2020-10-22
[86] 2019-04-24 (PCT/NO2019/050091)
[87] (WO2019/209117)
[30] NO (20180603) 2018-04-27

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[25] EN
[54] **LOCATION DATA TRANSMISSION SCHEDULING FOR A MOBILE COMPUTING DEVICE**
[54] **PLANIFICATION DE TRANSMISSION DE DONNEES DE LOCALISATION POUR UN DISPOSITIF INFORMATIQUE MOBILE**
[72] CHANG, ERICK, US
[72] SWANSON, KATHERINE, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2020-10-22
[86] 2019-04-23 (PCT/US2019/028789)
[87] (WO2019/209872)
[30] US (15/959,861) 2018-04-23

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[51] **Int.Cl. G06F 3/0346 (2013.01) G06F 3/0481 (2013.01) A63F 13/219 (2014.01) G06F 3/03 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR DETECTING A DISPLAY, METHOD THEREFOR AND COMPUTER READABLE MEDIUM**
[54] **APPAREIL DE DETECTION D'ECRAN, PROCEDE ASSOCIE ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] SINDEN, ANDREW JAMES, GB
[71] SINDEN TECHNOLOGY LTD, GB
[85] 2020-10-22
[86] 2019-05-13 (PCT/GB2019/051303)
[87] (WO2019/220086)
[30] GB (1807749.5) 2018-05-13
[30] GB (1815961.6) 2018-10-01

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[25] EN
[54] **LONG RANGE COIL AND POWER SOURCE FOR A MAGNETIC FIELD GENERATOR**
[54] **BOBINE A LONGUE PORTEE ET SOURCE D'ALIMENTATION POUR UN GENERATEUR DE CHAMP MAGNETIQUE**
[72] BLACK, TIM E., US
[71] MATRIX DESIGN GROUP, LLC, US
[85] 2020-10-22
[86] 2019-05-02 (PCT/US2019/030335)
[87] (WO2019/226290)
[30] US (15/987,478) 2018-05-23

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 9/19 (2006.01) A61K 31/7125 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C07H 21/02 (2006.01) C07K 14/755 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR REDUCING FXI EXPRESSION**
[54] **COMPOSES ET PROCEDES PERMETTANT DE REDUIRE L'EXPRESSION DU FXI**
[72] BUI, HUYNH-HOA, US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2020-10-22
[86] 2019-05-08 (PCT/US2019/031277)
[87] (WO2019/217527)
[30] US (62/669,280) 2018-05-09
[30] US (62/699,572) 2018-07-17

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[51] **Int.Cl. C12N 15/86 (2006.01) C12N 15/115 (2010.01) C07K 14/005 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **LENTIVIRAL-BASED VECTORS AND RELATED SYSTEMS AND METHODS FOR EUKARYOTIC GENE EDITING**
[54] **VECTEURS LENTIVIRAUX AINSI QUE SYSTEMES ET PROCEDES ASSOCIES POUR L'EDITION DE GENES EUCARYOTES**
[72] LU, BAISONG, US
[72] ATALA, ANTHONY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2020-10-22
[86] 2019-05-01 (PCT/US2019/030198)
[87] (WO2019/213257)
[30] US (62/665,080) 2018-05-01

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/402 (2006.01) A61K 31/4025 (2006.01) A61K 31/4155 (2006.01) A61K 31/428 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 31/04 (2006.01) C07D 207/48 (2006.01) C07D 401/08 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOUNDS**
[54] **COMPOSES ANTIBACTERIENS**
[72] WILKINSON, ANDREW, GB
[72] COOPER, IAN, GB
[72] ORR, DAVID, GB
[72] FINLAYSON, JONATHAN, GB
[72] BUNT, ADAM, GB
[72] APPELQVIST, PIA, SE
[72] WALLBERG, HANS, SE
[72] WANGSELL, FREDRIK, SE
[71] INFEX THERAPEUTICS LIMITED, GB
[85] 2020-10-22
[86] 2019-05-16 (PCT/GB2019/051349)
[87] (WO2019/220125)
[30] GB (1807966.5) 2018-05-16
[30] GB (1905174.7) 2019-04-11

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[25] EN
[54] **SYRINGE DRIVER FOR INFUSION**
[54] **DISPOSITIF DE COMMANDE DE SERINGUE POUR PERFUSION**
[72] BUTTERFIELD, ROBERT DWAINE, US
[72] BLOOM, MARK, US
[72] ABAL, DANIEL, US
[72] CAROTHERS, KEVIN GREGORY, US
[71] CAREFUSION 303, INC., US
[85] 2020-10-22
[86] 2019-05-08 (PCT/US2019/031354)
[87] (WO2019/221998)
[30] US (15/982,973) 2018-05-17

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[51] **Int.Cl. C12Q 1/689 (2018.01) C12Q 1/6818 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **POLYNUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF CHLAMYDIA TRACHOMATIS**
[54] **POLYNUCLEOTIDES POUR L'AMPLIFICATION ET LA DETECTION DE CHLAMYDIA TRACHOMATIS**
[72] CAPULE, DANIEL, US
[72] DEDENT, ANDREA C., US
[72] LEE, MATTHEW B., US
[72] MA, SHUYUAN, US
[72] MAAMAR, HEDIA, US
[72] VANATTA, DANA KELLY, US
[71] TALIS BIOMEDICAL CORPORATION, US
[85] 2020-10-22
[86] 2019-05-09 (PCT/US2019/031439)
[87] (WO2019/217627)
[30] US (62/669,236) 2018-05-09
[30] US (15/976,733) 2018-05-10

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/62 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS OF CAPTURING CARBON DIOXIDE FROM FLUE GASES**
[54] **SYSTEME ET PROCEDE DE CAPTURE DE DIOXYDE DE CARBONE A PARTIR DE GAZ DE COMBUSTION**
[72] BUMB, PRATEEK, GB
[72] HALL, JAMES, GB
[72] KUMAR, AUSULU, IN
[72] LOHARE, SHAILESH, IN
[72] MATHER, RICHARD, GB
[71] CARBON CLEAN SOLUTIONS LIMITED, GB
[85] 2020-10-22
[86] 2019-06-24 (PCT/GB2019/051772)
[87] (WO2020/002891)
[30] IN (201811023872) 2018-06-26
[30] GB (1813839.6) 2018-08-24

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[51] **Int.Cl. H05K 9/00 (2006.01)**
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[54] **SUPPLY STATION WITH DOOR SHIELD**
[54] **STATION D'ALIMENTATION DOTEE D'UN BLINDAGE DE PORTE**
[72] RAHILLY, MICHAEL, US
[72] FERNER, EDWARD STEPHEN, US
[72] BURGESS, BRENDAN JOHN, US
[72] RILEY, SCOTT, US
[72] JOYCE, MICHAEL DUGAN, US
[72] ARROYO, NOE, US
[72] PEDERSEN, CHRIS, US
[71] CAREFUSION 303, INC., US
[85] 2020-10-22
[86] 2019-05-02 (PCT/US2019/030378)
[87] (WO2019/217195)
[30] US (15/977,758) 2018-05-11

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[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **SOLVENT AND PROCESS FOR REMOVING CARBON DIOXIDE FROM A GASEOUS MIXTURE HAVING HIGH CARBON DIOXIDE PARTIAL PRESSURES**
[54] **SOLVANT ET PROCESSUS POUR ELIMINER LE DIOXYDE DE CARBONE D'UN MELANGE GAZEUX AYANT DES PRESSIONS PARTIELLES DE DIOXYDE DE CARBONE ELEVEES**
[72] BUMB, PRATEEK, GB
[72] HALL, JAMES, GB
[72] NEELIESETTY, GOPI, IN
[72] BAILEY, RACHEL, GB
[71] CARBON CLEAN SOLUTIONS LIMITED, GB
[85] 2020-10-22
[86] 2019-06-24 (PCT/GB2019/051774)
[87] (WO2020/002892)
[30] IN (201811023872) 2018-06-26
[30] IN (201811024582) 2018-07-02
[30] GB (1813839.6) 2018-08-24

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 47/54 (2017.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 25/28 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR REDUCING ATXN3 EXPRESSION**
[54] **COMPOSES ET PROCEDES POUR REDUIRE L'EXPRESSION D'ATXN3**
[72] FREIER, SUSAN M., US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2020-10-22
[86] 2019-05-09 (PCT/US2019/031562)
[87] (WO2019/217708)
[30] US (62/669,238) 2018-05-09

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[51] **Int.Cl. A61K 39/275 (2006.01) C12N 5/07 (2010.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **STEM CELLS COMPRISING SYNTHETIC CHIMERIC VACCINIA VIRUS AND METHODS OF USING THEM**
[54] **CELLULES SOUCHES COMPRENANT UN VIRUS VACCINIA CHIMERIQUE SYNTHETIQUE ET LEURS PROCEDES D'UTILISATION**
[72] LEDERMAN, SETH, US
[71] TONIX PHARMA HOLDINGS LIMITED, BM
[85] 2020-10-22
[86] 2019-05-02 (PCT/US2019/030488)
[87] (WO2019/213453)
[30] US (62/666,013) 2018-05-02

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6897 (2018.01) A61K 9/10 (2006.01) A61K 31/135 (2006.01) A61K 31/166 (2006.01) A61K 31/19 (2006.01) A61K 31/192 (2006.01) A61K 31/353 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 38/45 (2006.01) A61K 47/36 (2006.01) C12N 15/00 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR INDUCING TISSUE REGENERATION AND SENOLYSIS IN MAMMALIAN CELLS**
[54] **METHODES AMELIORES POUR INDUIRE UNE REGENERATION TISSULAIRE ET UNE SENOLYSE DANS DES CELLULES DE MAMMIFERE**
[72] WEST, MICHAE D., US
[72] STERNBERG, HAL, US
[71] AGEX THERAPEUTICS, INC., US
[85] 2020-10-22
[86] 2019-04-23 (PCT/US2019/028816)
[87] (WO2019/209892)
[30] US (62/661,322) 2018-04-23

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO DETECT KIDNEY FIBROSIS**
[54] **COMPOSITIONS ET METHODES POUR DETECTER UNE FIBROSE RENALE**
[72] JESSEN, WALTER JOSEPH, US
[72] ENNIS, JENNIFER LYNN, US
[72] ASPLIN, JOHN ROBERT, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[85] 2020-10-22
[86] 2019-05-10 (PCT/US2019/031835)
[87] (WO2019/217899)
[30] US (62/670,344) 2018-05-11

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **TREATMENT OF ATOPIC DERMATITIS**
[54] **TRAITEMENT DE LA DERMATITE ATOPIQUE**
[72] SIMARD, JOHN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2020-10-22
[86] 2019-04-24 (PCT/US2019/028877)
[87] (WO2019/209923)
[30] US (62/662,055) 2018-04-24
[30] US (62/730,478) 2018-09-12
[30] US (62/778,385) 2018-12-12
[30] US (62/811,238) 2019-02-27

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[51] **Int.Cl. A61K 35/12 (2015.01) A61K 9/127 (2006.01) A61K 38/20 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **MATRIX BOUND VESICLES (MBVS) CONTAINING IL-33 AND THEIR USE**
[54] **VESICULES LIEES A UNE MATRICE (MBV) CONTENANT IL-33 ET LEUR UTILISATION**
[72] DZIKI, JENNA LYNN, US
[72] ZHANG, ZHONGQIANG, CN
[72] HUSSEY, GEORGE S., US
[72] BADYLAK, STEPHEN FRANCIS, US
[72] TURNQUIST, HETH, US
[72] LIU, QUAN, CN
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2020-10-22
[86] 2019-05-03 (PCT/US2019/030547)
[87] (WO2019/213482)
[30] US (62/666,624) 2018-05-03

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[51] **Int.Cl. G06Q 40/00 (2012.01)**
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[54] **BLOCKCHAIN LOAN TRANSACTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSACTIONS DE PRETS PAR CHAINE DE BLOCS**
[72] YANTIS, JONATHAN, US
[72] QUIGLEY, WILLIAM, US
[71] EXPOSITION PARK HOLDINGS SECZ, KY
[71] YANTIS, JONATHAN, US
[71] QUIGLEY, WILLIAM, US
[85] 2020-09-30
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[30] US (62/650,827) 2018-03-30

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 38/15 (2006.01) A61P 33/00 (2006.01) C07D 273/00 (2006.01) C07D 413/10 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **ENDOPARASITIC DEPSIPEPTIDES**
[54] **DEPSIPEPTIDES ENDOPARASITAIRES**
[72] MADDUX, TODD, US
[72] BEDORE, MATTHEW W., US
[72] JOHNSON, PAUL D., US
[72] RESPONDEK, TOMASZ, US
[72] SHEEHAN, SUSAN M. K., US
[72] KYNE, GRAHAM M., US
[72] EWIN, RICHARD ANDREW, US
[72] VAIRAGOUNDAR, RAJENDRAN, US
[72] CURTIS, MICHAEL P., US
[71] ZOETIS SERVICES LLC, US
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[86] 2019-05-07 (PCT/US2019/031158)
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[30] US (62/669,623) 2018-05-10

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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01)**
[25] EN
[54] **METHODS OF DIAGNOSING AND TREATING PATIENTS WITH CUTANEOUS SQUAMOUS CELL CARCINOMA**
[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE PATIENTS ATTEINTS D'UN CARCINOME EPIDERMOIDE CUTANE**
[72] COOK, ROBERT WILLIS, US
[72] COVINGTON, KYLE R., US
[72] MAETZOLD, DEREK, US
[71] CASTLE BIOSCIENCES, INC., US
[85] 2020-10-22
[86] 2019-05-01 (PCT/US2019/030282)
[87] (WO2019/213321)
[30] US (62/737,863) 2018-09-27

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **SELF-DRILLING HYBRID ROCK ANCHOR**
[54] **ANCRE POUR ROCHE HYBRIDE A AUTO-FORAGE**
[72] KNOX, GREIG, ZA
[72] SHEPPARD, JAMES WILLIAM, ZA
[72] BERGHORST, ADRIAN, ZA
[71] EPIROC DRILLING TOOLS AB, SE
[85] 2020-10-22
[86] 2019-05-03 (PCT/ZA2019/050024)
[87] (WO2019/213675)
[30] ZA (2018/02885) 2018-05-03
[30] ZA (2018/06341) 2018-09-21

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[51] **Int.Cl. G01N 21/94 (2006.01) G02B 21/14 (2006.01) G02B 21/36 (2006.01) G02B 27/52 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AUTOMATED ANALYSIS OF AIR SAMPLES**
[54] **SYSTEME ET PROCEDE DE REALISATION D'ANALYSE AUTOMATISEE D'ECHANTILLONS D'AIR**
[72] GALLAGHER-GRUBER, JORDAN, AU
[72] SZIJARTO, GABOR, HU
[71] FIRST FRONTIER PTY LTD, AU
[85] 2020-10-23
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[30] AU (2018901364) 2018-04-24

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[25] EN
[54] **BLOOD-BRAIN BARRIER TRANSMIGRATING THERAPEUTIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES THERAPEUTIQUES FRANCHISSANT LA BARRIERE HEMATO-ENCEPHALIQUE ET LEURS UTILISATIONS**
[72] FANG, HUNG, CA
[72] STANIMIROVIC, DANICA, CA
[72] HAQQANI, ARSALAN, CA
[72] COSTAIN, WILL, CA
[72] HUSSACK, GREGORY, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2020-10-23
[86] 2019-04-23 (PCT/CA2019/050499)
[87] (WO2019/204912)
[30] US (62/661,869) 2018-04-24

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[51] **Int.Cl. C07K 16/18 (2006.01) A61K 47/68 (2017.01) C07K 1/22 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **SERUM ALBUMIN BINDING ANTIBODIES FOR TUNEABLE HALF-LIFE EXTENSION OF BIOLOGICS**
[54] **ANTICORPS DE LIAISON A L'ALBUMINE SERIQUE POUR EXTENSION DE DEMI-VIE REGLABLE DE PRODUITS BIOLOGIQUES**
[72] HUSSACK, GREGORY, CA
[72] TANHA, JAMSHID, CA
[72] HENRY, KEVIN S., CA
[72] SULEA, TRAIAN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2020-10-23
[86] 2019-04-24 (PCT/CA2019/050514)
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[30] US (62/661,871) 2018-04-24

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[51] **Int.Cl. B23K 26/21 (2014.01)**
[25] EN
[54] **LAP WELDING WITH DESIGNED GAP FOR INCREASED JOINT STRENGTH**
[54] **SOUDAGE PAR RECOUVREMENT A ESPACE CONCU POUR AUGMENTER LA RESISTANCE DE JONCTION**
[72] VASQUEZ, ALAN CARDENAS, MX
[72] RODRIGUEZ, FRANCISCO CEPEDA, MX
[72] QUIROGA, JORGE ENRIQUE LOPEZ, MX
[72] LACOMBE, ISRAEL, US
[71] MAGNA SEATING INC., CA
[85] 2020-10-23
[86] 2019-04-23 (PCT/CA2019/050508)
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[30] US (62/661,343) 2018-04-23

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[51] **Int.Cl. G01R 33/02 (2006.01)**
[25] EN
[54] **SENSOR, METHOD AND SYSTEM FOR DETECTING ONE OR MORE PROPERTIES OF A MAGNETIC FIELD**
[54] **CAPTEUR, PROCEDE ET SYSTEME DE DETECTION D'UNE OU PLUSIEURS PROPRIETES D'UN CHAMP MAGNETIQUE**
[72] MOHAMMAD, MURAD, CA
[72] KRYGER, SHELDON, CA
[71] INTELLIGENT WELLHEAD SYSTEMS INC., CA
[85] 2020-10-23
[86] 2019-04-25 (PCT/CA2019/050536)
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[30] US (62/663,054) 2018-04-26

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[25] EN
[54] **IMMUNE EFFECTOR CELLS AND MOLECULAR ADAPTORS WITH AN ANTIGEN-CYTOKINE COMPLEX FOR EFFECTIVE IMMUNOTHERAPY**
[54] **CELLULES EFFECTRICES IMMUNITAIRES ET ADAPTATEURS MOLECULAIRES COMPRENANT UN COMPLEXE ANTIGENE-CYTOKINE POUR UNE IMMUNOTHERAPIE EFFICACE**
[72] METELITSA, LEONID S., US
[72] LIU, BIN, US
[72] LIU, DAOFENG, US
[72] JIN, JINGLING, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2020-10-22
[86] 2019-04-24 (PCT/US2019/028982)
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[30] EP (18169600.6) 2018-04-26

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[25] EN
[54] **SYSTEM AND METHOD FOR SCALABLE CLOUD-ROBOTICS BASED FACE RECOGNITION AND FACE ANALYSIS**
[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE FACIALE ET D'ANALYSE FACIALE BASEES SUR UNE ROBOTIQUE EN NUAGE ECHELONNABLE**
[72] FAROKHI, SOODEH, CA
[72] ABOLHASSANI, AMIR ABBAS HAJI, CA
[72] DUGUAY, FELIX-OLIVIER, CA
[72] VARGAS MORENO, ALDO ENRIQUE, CA
[72] BADALONE, RICCARDO, CA
[71] C2RO CLOUD ROBOTICS INC., CA
[85] 2020-10-23
[86] 2019-04-26 (PCT/CA2019/050547)
[87] (WO2019/204945)
[30] US (62/662,990) 2018-04-26

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 7/00 (2006.01) E21B 41/02 (2006.01) E21B 43/11 (2006.01) E21B 43/22 (2006.01) E21B 43/27 (2006.01)**
[25] EN
[54] **USE OF SULFONIC ACIDS IN DOWNHOLE METHODS**
[54] **UTILISATION D'ACIDES SULFONIQUES DANS DES PROCEDES DE FOND DE TROU**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2020-10-23
[86] 2019-05-10 (PCT/CA2019/000066)
[87] (WO2019/213739)
[30] CA (3004675) 2018-05-11

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[51] **Int.Cl. C25B 15/08 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) C01B 3/00 (2006.01) C01B 3/50 (2006.01) C25B 1/00 (2006.01) C25B 1/04 (2006.01) C25B 9/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ELECTROCHEMICAL GENERATION OF SYNGAS AND OTHER USEFUL CHEMICALS**
[54] **SYSTEMES ET PROCEDES DE GENERATION ELECTROCHIMIQUE DE GAZ DE SYNTHESE ET D'AUTRES PRODUITS CHIMIQUES UTILES**
[72] BERLINGUETTE, CURTIS, CA
[72] SALVATORE, DANIELLE, CA
[72] LI, TENGFEI, CA
[72] GOLDMAN, MAXWELL, CA
[72] LEES, ERIC, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2020-10-23
[86] 2019-04-25 (PCT/CA2019/050539)
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[30] US (62/662,391) 2018-04-25

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[51] **Int.Cl. C12Q 1/00 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01) C12M 1/34 (2006.01) C12N 1/20 (2006.01) C12Q 1/02 (2006.01) G01N 27/416 (2006.01) G01N 33/50 (2006.01) C02F 3/34 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **BIO-ELECTROCHEMICAL SENSOR, SYSTEM, AND METHOD FOR OPTIMIZING PERFORMANCE OF A WATER OR WASTEWATER TREATMENT SYSTEM**
[54] **CAPTEUR BIO-ELECTROCHIMIQUE, SYSTEME ET PROCEDE POUR L'OPTIMISATION DES PERFORMANCES D'UN SYSTEME DE TRAITEMENT D'EAU OU D'EAU RESIDUAIRE**
[72] RAGUSH, COLIN, CA
[72] AMBLER, JACK, US
[72] KIELY, PATRICK DESMOND, CA
[71] ISLAND WATER TECHNOLOGIES INC., CA
[85] 2020-10-23
[86] 2019-05-31 (PCT/CA2019/050764)
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[30] US (62/679,626) 2018-06-01

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[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR DETECTING AND MONITORING INHALATIONS**
[54] **APPAREIL, SYSTEME ET PROCEDE DE DETECTION ET DE SURVEILLANCE D'INHALATIONS**
[72] POCREVA III, JOHN J., US
[72] ADAMO, BENOIT, US
[72] LAURENZI, BRENDAN, US
[72] SMUTNEY, CHAD C., US
[72] KINSEY, SPENCER P., US
[71] MANNKIND CORPORATION, US
[85] 2020-10-22
[86] 2019-04-24 (PCT/US2019/028986)
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[51] **Int.Cl. E21B 43/27 (2006.01) C09K 8/54 (2006.01) C23F 11/04 (2006.01) E21B 33/12 (2006.01) E21B 43/11 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **NOVEL DOWNHOLE METHODS AND COMPOSITIONS USED IN SUCH**
[54] **NOUVEAUX PROCEDES EN PROFONDEUR DE FORAGE ET COMPOSITIONS UTILISEES DANS CEUX-CI**
[72] PURDY, CLAY, CA
[72] WEISSENBERGER, MARKUS, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2020-10-23
[86] 2019-05-10 (PCT/CA2019/000067)
[87] (WO2019/213740)
[30] CA (3004675) 2018-05-11

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[51] **Int.Cl. G06Q 40/06 (2012.01) G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **DIGITAL ASSET EXCHANGE**
[54] **ECHANGE D'ACTIFS NUMERIQUES**
[72] YANTIS, JONATHAN, US
[72] QUIGLEY, WILLIAM, US
[71] EXPOSITION PARK HOLDINGS SECZ, KY
[71] YANTIS, JONATHAN, US
[71] QUIGLEY, WILLIAM, US
[85] 2020-09-30
[86] 2019-03-29 (PCT/US2019/025003)
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[30] US (62/650,824) 2018-03-30

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[51] **Int.Cl. C12N 15/62 (2006.01) A61K 35/17 (2015.01) A61K 35/12 (2015.01) A61K 48/00 (2006.01) A61P 37/06 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **AUTO/ALLO-IMMUNE DEFENSE RECEPTORS FOR THE SELECTIVE TARGETING OF ACTIVATED PATHOGENIC T CELLS AND NK CELLS**
[54] **RECEPTEURS DE DEFENSE AUTO/ALLO-IMMUNS POUR LE CIBLAGE SELECTIF DE LYMPHOCYTES T PATHOGENES ET DE CELLULES NK ACTIVES**
[72] MAMONKIN, MAKSIM, US
[72] BRENNER, MALCOLM, K., US
[72] MO, FEIYAN, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2020-10-22
[86] 2019-04-25 (PCT/US2019/029163)
[87] (WO2019/210081)
[30] US (62/662,817) 2018-04-26

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[51] **Int.Cl. C02F 1/28 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A FLUID BY UPFLOW THROUGH A BED OF ADSORBENT MEDIA AND CORRESPONDING INSTALLATION**
[54] **PROCEDE DE TRAITEMENT D'UN FLUIDE PAR FLUX ASCENDANT A TRAVERS UN LIT DE MEDIA ADSORBANT ET INSTALLATION CORRESPONDANTE**
[72] GAID, ABDELKADER, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2020-10-22
[86] 2019-05-22 (PCT/EP2019/063235)
[87] (WO2019/224258)
[30] FR (1854254) 2018-05-22

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[51] **Int.Cl. B01D 53/96 (2006.01) B01D 19/00 (2006.01) B01D 53/14 (2006.01) B01D 63/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SOLVENT REGENERATION**
[54] **SYSTEME ET PROCEDE POUR LA REGENERATION D'UN SOLVANT**
[72] MANAN, NORFAIZAH A, MY
[72] KANG, GUODONG, CN
[72] CHAN, ZHE PHAK, MY
[72] SALEH, SYAFIQA M, MY
[72] CAO, YIMING, CN
[71] PETROLIAM NASIONAL BERHAD (PETRONAS), MY
[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS CHINA ACADEMY OF SCIENCE, CN
[85] 2020-10-23
[86] 2018-04-24 (PCT/CN2018/084174)
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[51] **Int.Cl. C07C 233/75 (2006.01) A61K 31/167 (2006.01) A61K 31/4184 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07C 235/06 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **NOVEL MCT4 INHIBITORS AND USES THEREOF**
[54] **NOUVEAUX INHIBITEURS DE MCT4 ET LEURS UTILISATIONS**
[72] WU, YONG, US
[72] VADGAMA, JAY, US
[72] HUANG, ZHIMIN, US
[72] WU, KE, US
[71] CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE, US
[85] 2020-10-22
[86] 2019-04-25 (PCT/US2019/029192)
[87] (WO2020/033019)
[30] US (62/662,637) 2018-04-25

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[51] **Int.Cl. A41D 13/018 (2006.01)**
[25] FR
[54] **AIRBAG SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE A AIRBAG**
[72] JEANDUPEUX, THIERRY, FR
[71] SERVICE A LA PERSONNE TECHNOLOGIE ACTIVE SARL, CH
[85] 2020-10-22
[86] 2019-04-23 (PCT/IB2019/053333)
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[30] CH (CH00536/18) 2018-04-26
[30] CH (CH00588/18) 2018-05-11

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[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **PRESSURIZED REFILL CONTAINER RESISTANT TO STANDING RING CRACKING**
[54] **RECIPIENT DE RECHARGE SOUS PRESSION RESISTANT A LA FISSURATION EN ANNEAU VERTICAL**
[72] HOWELL, JUSTIN, US
[72] WALTEMYER, ROBERT, US
[72] HUNTER, TRAVIS A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2020-10-22
[86] 2019-04-25 (PCT/US2019/029267)
[87] (WO2019/210119)
[30] US (62/663,065) 2018-04-26

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[51] **Int.Cl. G06F 9/455 (2018.01)**
[25] EN
[54] **PROCESSOR FEATURE ID RESPONSE FOR VIRTUALIZATION**
[54] **REPONSE D'ID DE CARACTERISTIQUE DE PROCESSEUR DESTINE A UNE VIRTUALISATION**
[72] SHERWIN, BRUCE J., JR., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2020-10-22
[86] 2019-05-13 (PCT/US2019/031930)
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[30] US (15/990,310) 2018-05-25

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[51] **Int.Cl. G06Q 50/02 (2012.01)**
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[54] **CROSS-GROWER STUDY AND FIELD TARGETING**
[54] **ETUDE CROISEE DE CULTIVATEURS ET CIBLAGE DE CHAMPS**
[72] DHARNA, JYOTI, US
[72] JACOBS, MORRISON, US
[72] ZENG, BEIYAN, US
[72] TRAPP, ALLAN, US
[71] THE CLIMATE CORPORATION, US
[85] 2020-10-22
[86] 2019-05-23 (PCT/US2019/033728)
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[30] US (15/989,944) 2018-05-25

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[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/20 (2006.01) A61K 8/84 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL PARTICLES AND METHODS**
[54] **PARTICULES ANTIBACTERIENNES ET PROCEDES CORRESPONDANTS**
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-10-22
[86] 2019-05-30 (PCT/US2019/034581)
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[30] US (62/678,330) 2018-05-31

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01) A61P 27/16 (2006.01) C12N 15/85 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **MYOSIN 15 PROMOTERS AND USES THEREOF**
[54] **PROMOTEURS DE MYOSINE 15 ET UTILISATIONS ASSOCIEES**
[72] BURNS, JOSEPH, US
[72] ELLIS, KATHRYN, US
[72] PALERMO, ADAM, US
[72] SCHWANDER, MARTIN, US
[72] WHITTON, JONATHON, US
[71] DECIBEL THERAPEUTICS, INC., US
[85] 2020-10-22
[86] 2019-04-26 (PCT/US2019/029366)
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[30] US (62/663,679) 2018-04-27

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[51] **Int.Cl. F22B 37/60 (2006.01) F22B 1/30 (2006.01) F22B 27/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THERMAL FLUID GENERATION FOR USE IN ENHANCED OIL RECOVERY**
[54] **PROCEDE ET APPAREIL DE GENERATION DE FLUIDE THERMIQUE POUR UNE UTILISATION DANS UNE EXTRACTION DE PETROLE AMELIOREE**
[72] LANDRY, JAMES, US
[71] VIPERA INC., US
[85] 2020-10-22
[86] 2019-04-26 (PCT/US2019/029392)
[87] (WO2019/210199)
[30] US (62/663,517) 2018-04-27

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[25] EN
[54] **COMPOSITIONS COMPRISING FABACEAE FAMILY PLANT COMPONENTS, PROCESSES OF PREPARATION AND USES THEREOF**
[54] **COMPOSITIONS COMPRENANT DES COMPOSANTS DE PLANTES DE LA FAMILLE DES FABACEAE, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS**
[72] LAVALLEE, PIERRE, CA
[72] DESGAGNES, REJEAN, CA
[72] CAMBRON-FORTIN, LAURENCE, CA
[72] VEZINA, LOUIS-PHILIPPE, CA
[72] TALBOT, PIERRE, CA
[71] VIRENTIA INNOVATION INC., CA
[85] 2020-10-23
[86] 2020-04-16 (PCT/CA2020/050507)
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[30] US (62/835,156) 2019-04-17

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[51] **Int.Cl. B08B 1/00 (2006.01) B08B 1/02 (2006.01) B21B 28/00 (2006.01) B21B 45/02 (2006.01) B65G 45/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVING VISCOUS MATERIALS IN METAL ARTICLE PROCESSING**
[54] **SYSTEMES ET PROCEDES D'ELIMINATION DE MATERIAUX VISQUEUX DANS LE TRAITEMENT D'ARTICLE METALLIQUE**
[72] BECKER, HEINZ WERNER, CA
[72] LEMAY, REJEAN, CA
[72] HOBBIS, ANDREW JAMES, CA
[72] GAENSBAUER, DAVID ANTHONY, US
[71] NOVELIS INC., US
[85] 2020-10-22
[86] 2019-06-13 (PCT/US2019/037036)
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[30] US (62/684,446) 2018-06-13

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[25] EN
[54] **FORMAMIDE COMPOUND, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **COMPOSE DE FORMAMIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] YANG, QIANJIAO, CN
[72] LU, XIANPING, CN
[72] LI, ZHIBIN, CN
[72] PAN, DESI, CN
[72] SHAN, SONG, CN
[72] WANG, XIAOLIANG, CN
[72] SONG, YONGLIAN, CN
[72] ZHANG, KUN, CN
[71] SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD., CN
[85] 2020-10-23
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[30] CN (201810404758.X) 2018-04-28

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/194 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07C 59/255 (2006.01) C07D 205/04 (2006.01) C07D 209/16 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **SOLID FORMS OF 3-((1R,3R)-1-(2,6-DIFLUORO-4-((1-(3-FLUOROPROPYL)AZETIDIN-3-YL)AMINO)PHENYL)-3-METHYL-1,3,4,9-TETRAHYDRO-2H-PYRIDO[3,4-B]INDOL-2-YL)-2,2-DIFLUOROPROPAN-1-OL AND PROCESSES FOR PREPARING FUSED TRICYCLIC COMPOUNDS COMPRISING A SUBSTITUTED PHENYL OR PYRIDINYL MOIETY, INCLUDING METHODS OF THEIR USE**
[54] **FORMES SOLIDES DE 3-((1R,3R)-1-(2,6-DIFLUORO-4-((1-(3-FLUOROPROPYL)AZETIDIN-3-YL)AMINO)PHENYL)-3-METHYL-1,3,4,9-TETRAHYDRO-2H-PYRIDO[3,4-B]INDOL-2-YL)-2,2-DIFLUOROPROPAN-1-OL ET PROCEDES POUR LA PREPARATION DE COMPOSES TRICYCLIQUES CONDENSES COMPRENANT UNE FRACTION PHENYLE OU PYRIDINYLE SUBSTITUEE ET LEURS METHODES D'UTILISATION**
[72] CHUNG, CHEOL KEUN, US
[72] XU, JIE, US
[72] IDING, HANS, CH
[72] CLAGG, KYLE, US
[72] DALZIEL, MICHAEL, US
[72] FETTES, ALEC, CH
[72] GOSSELIN, FRANCIS, US
[72] LIM, NGIAP-KIE, US
[72] CHAKRAVARTY, PAROMA, US
[72] NAGAPUDI, KARTHIK, US
[72] ROBINSON, SARAH, US
[72] MCCLORY, ANDREW (DECEASED), US
[72] ZHANG, HAIMING, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-10-22
[86] 2019-06-17 (PCT/US2019/037492)
[87] (WO2019/245974)
[30] US (62/687,930) 2018-06-21
[30] US (62/719,896) 2018-08-20

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POZIOTINIB COMBINATIONS WITH AN ANTI-HER1, HER2 OR HER4 ANTIBODY AND METHODS OF USE THEREOF**
[54] **COMBINAISONS DE POZIOTINIB AVEC UN ANTICORPS ANTI-HER1, HER2 OU HER4 ET LEURS PROCEDES D'UTILISATION**
[72] REDDY, GURU, US
[72] JANG, SUNYOUNG, KR
[72] BYUN, JOOYUN, KR
[71] SPECTRUM PHARMACEUTICALS, INC., US
[71] HANMI PHARMACEUTICAL CO., LTD., KR
[85] 2020-10-22
[86] 2019-06-25 (PCT/US2019/038974)
[87] (WO2020/005934)
[30] US (62/689,282) 2018-06-25
[30] US (62/812,656) 2019-03-01

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[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 29/00 (2006.01) C07H 1/08 (2006.01) C07H 17/08 (2006.01) C12P 19/62 (2006.01)**
[25] EN
[54] **MEDICAMENT FOR PREVENTING AND/OR TREATING PAIN AND/OR FEVER, COMPOSITE PRODUCT AND USE THEREOF**
[54] **MEDICAMENT UTILISE POUR PREVENIR ET/OU TRAITER LA DOULEUR ET/OU LA FIEVRE, PRODUIT D'ASSOCIATION, ET UTILISATION DE CEUX-CI**
[72] JIANG, XUNLEI, CN
[72] JIANG, XUNDONG, CN
[71] SHANGHAI TONGLIAN PHARMACEUTICAL CO., LTD., CN
[85] 2020-10-16
[86] 2019-04-17 (PCT/CN2019/083007)
[87] (WO2019/201268)
[30] CN (201810345619.4) 2018-04-17
[30] CN (201810345615.6) 2018-04-17

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS FOR MITIGATING DRUG TARGET INTERFERENCE IN AN ANTI-DRUG ANTIBODY (ADA) IMMUNOASSAY**
[54] **PROCEDES D'ATTENUATION D'INTERFERENCE DE CIBLE MEDICAMENTEUSE DANS UN DOSAGE IMMUNOLOGIQUE D'ANTICORPS ANTI-MEDICAMENT (ADA)**
[72] OLIVEIRA SUMMER, GIANE, US
[72] CHEN, JIHUA, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-10-22
[86] 2019-07-09 (PCT/US2019/040950)
[87] (WO2020/014194)
[30] US (62/696,016) 2018-07-10

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[13] A1
[51] **Int.Cl. C12N 5/0784 (2010.01) C12N 5/0783 (2010.01) A61K 35/15 (2015.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C12N 15/867 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR EXPANDING HUMAN DC CELL AND HUMAN DC CELL RESOURCE LIBRARY**
[54] **PROCEDE D'EXPANSION D'UNE CELLULE DC HUMAINE, ET BANQUE DE RESSOURCES DE CELLULES DC HUMAINES**
[72] CHENG, HUA, CN
[72] YU, YANG, CN
[72] ZHANG, HUAN, CN
[71] CELARTICS BIOPHARMA CO., LTD, CN
[85] 2020-10-23
[86] 2019-02-20 (PCT/CN2019/075529)
[87] (WO2019/205783)
[30] CN (201810368646.3) 2018-04-23

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/58 (2006.01)**
[25] EN
[54] **TABLET COMPOSITIONS COMPRISING ABIRATERONE ACETATE**
[54] **COMPOSITIONS DE COMPRIME COMPRENANT DE L'ACETATE D'ABIRATERONE**
[72] FRADERA GELABERT, SARA, ES
[72] GAGO GUILLAN, MANUEL, ES
[72] ALVAREZ FERNANDEZ, LISARDO, ES
[72] KUMAR, ROHIT, ES
[71] SYNTHON B.V., NL
[85] 2020-10-23
[86] 2019-01-25 (PCT/EP2019/051921)
[87] (WO2019/206472)
[30] EP (18169623.8) 2018-04-26

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[13] A1
[51] **Int.Cl. B60C 13/00 (2006.01) B29D 30/72 (2006.01)**
[25] FR
[54] **TYRE PROVIDED WITH COLOURED MARKING AND A TEXTURE ON A FLANK**
[54] **PNEUMATIQUE POURVU D'UN MARQUAGE COLORE ET D'UNE TEXTURE SUR UN FLANC**
[72] MUHLHOFF, OLIVIER, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2020-10-23
[86] 2019-05-29 (PCT/FR2019/051274)
[87] (WO2019/229387)
[30] FR (1854718) 2018-05-31

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[13] A1
[51] **Int.Cl. B60C 23/04 (2006.01)**
[25] FR
[54] **TIRE CASING FITTED WITH A MEASUREMENT SYSTEM AND METHOD OF COMMUNICATION FOR SUCH AN ASSEMBLY**
[54] **ENVELOPPE PNEUMATIQUE EQUIPEE D'UN SYSTEME DE MESURE ET METHODE DE COMMUNICATION D'UN TEL ASSEMBLAGE**
[72] FAGOT-REVURAT, LIONEL, FR
[72] DESTRAVES, JULIEN, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2020-10-23
[86] 2019-05-29 (PCT/FR2019/051276)
[87] (WO2019/229389)
[30] FR (1854569) 2018-05-29

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[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01)**
[25] EN
[54] **PAYMENT METHOD AND SYSTEM FOR PLEDGE-PAYABLE ONLINE TRADING**
[54] **PROCEDE ET SYSTEME DE PAIEMENT POUR NEGOCE EN LIGNE AVEC NANTISSEMENT EXIGIBLE**
[72] ZHAO, SHANKE, CN
[72] ZHAO, CHUNYU, CN
[71] ZHAO, SHANKE, CN
[71] ZHAO, CHUNYU, CN
[85] 2020-10-23
[86] 2019-03-08 (PCT/CN2019/077568)
[87] (WO2019/205824)
[30] CN (201810364041.7) 2018-04-23

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[13] A1
[51] **Int.Cl. C07D 279/20 (2006.01) A61K 31/5415 (2006.01) A61K 31/551 (2006.01) A61P 9/10 (2006.01) C07D 417/06 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **A 10H-PHENOTHIAZINE FERROPTOSIS INHIBITOR AS WELL AS THE PREPARATIVE METHOD AND THE USE THEREOF**
[54] **INHIBITEUR DE FERROPTOSE 10H-PHENOTHIAZINE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] YANG, SHENGYONG, CN
[72] LI, LINLI, CN
[71] CHENGDU HENGHAO INVESTMENT CO. LIMITED, CN
[85] 2020-10-23
[86] 2019-03-25 (PCT/CN2019/079421)
[87] (WO2019/205854)
[30] CN (201810393712.2) 2018-04-27
[30] CN (201910124457.6) 2019-02-19
[30] CN (201910122341.9) 2019-02-19

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/542 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **2-AMINOPYRIMIDINE DERIVATIVE AND PREPARATION METHOD AND USE THEREOF**
[54] **DERIVE DE 2-AMINOPYRIMIDINE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] ZHU, JIDONG, CN
[72] CAO, HENGYI, CN
[72] SUN, LIN, CN
[71] ETERN BIOPHARMA (SHANGHAI) CO., LTD., CN
[85] 2020-10-23
[86] 2019-04-25 (PCT/CN2019/084373)
[87] (WO2019/206237)
[30] CN (201810388202.6) 2018-04-26

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[13] A1
[51] **Int.Cl. C08F 255/02 (2006.01)**
[25] EN
[54] **POLAR MONOMER GRAFTED POLYPROPYLENE RESIN, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **RESINE DE POLYPROPYLENE GREFFEE AVEC UN MONOMERE POLAIRE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] QIAO, JINLIANG, CN
[72] WANG, SONGHE, CN
[72] ZHANG, XIAOHONG, CN
[72] QI, GUICUN, CN
[72] SONG, ZHIHAI, CN
[72] CAI, CHUANLUN, CN
[72] WANG, XIANG, CN
[72] LAI, JINMEI, CN
[72] LI, BINGHAI, CN
[72] JIANG, HAIBIN, CN
[72] RU, YUE, CN
[72] ZHANG, JIANGRU, CN
[72] GAO, JIANMING, CN
[72] ZHANG, HONGBIN, CN
[72] HAN, PENG, CN
[72] LIU, WENLU, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2020-10-23
[86] 2019-04-26 (PCT/CN2019/084622)
[87] (WO2019/206288)
[30] CN (201810389316.2) 2018-04-27
[30] CN (201810389343.X) 2018-04-27

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[13] A1
[51] **Int.Cl. D05B 23/00 (2006.01) D05B 37/02 (2006.01) D05B 69/30 (2006.01)**
[25] EN
[54] **SEWING MACHINE**
[54] **MACHINE A COUDRE**
[72] KALLENBACH, HARALD, DE
[72] BECKER, BERTHOLD, DE
[72] SAMSTAG, STEFAN, DE
[71] PFAFF INDUSTRIESYSTEME UND MASCHINEN GMBH, DE
[85] 2020-10-16
[86] 2019-03-04 (PCT/EP2019/055326)
[87] (WO2019/201501)
[30] DE (10 2018 205 835.0) 2018-04-17

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[13] A1
[51] **Int.Cl. B03D 1/02 (2006.01) B03D 1/14 (2006.01) B04C 9/00 (2006.01)**
[25] EN
[54] **WIDE-SIZE-FRACTION FLOTATION SYSTEM AND PROCESS**
[54] **SYSTEME ET PROCEDE DE FLOTTATION A GRANDE FRACTION DE TAILLE**
[72] XING, YAOWEN, CN
[72] GUI, XIAHUI, CN
[72] DING, SHIHAO, CN
[72] XU, MENGDI, CN
[72] CAO, YIJUN, CN
[72] ZHANG, YOUFEI, CN
[72] XIA, YANGCHAO, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2020-10-23
[86] 2019-09-24 (PCT/CN2019/107441)
[87] (WO2020/181758)
[30] CN (201910195192.9) 2019-03-14

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BLOCKCHAIN-BASED DECENTRALIZED APPLICATION DEVELOPMENT**
[54] **SYSTEME ET PROCEDE POUR LE DEVELOPPEMENT D'UNE APPLICATION DECENTRALISEE BASEE SUR UNE CHAINE DE BLOCS**
[72] SUN, SHANLU, CN
[72] LI, SHUBO, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
[85] 2020-10-23
[86] 2019-11-08 (PCT/CN2019/116649)
[87] (WO2020/035089)

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[13] A1
[51] **Int.Cl. G02C 7/06 (2006.01) G02C 7/08 (2006.01)**
[25] EN
[54] **LENS ELEMENT**
[54] **ELEMENT VERRE**
[72] GUILLOT, MATTHIEU, FR
[72] FERMIGIER, BRUNO, FR
[72] PELOUX, MARIUS, FR
[71] ESSILOR INTERNATIONAL, FR
[85] 2020-10-23
[86] 2019-04-01 (PCT/EP2019/058152)
[87] (WO2019/206569)
[30] EP (18305527.6) 2018-04-26
[30] EP (PCT/EP2019/055222) 2019-03-01

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[13] A1
[51] **Int.Cl. A61L 31/04 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **METHOD OF LOCAL EXPOSURE TO BIOLOGICAL TISSUES, TISSUE-SUBSTITUTE APPLICATOR AND USE OF POROUS POLYTETRAFLUOROETHYLENE**
[54] **PROCEDE D'EXPOSITION LOCALE A DES TISSUS BIOLOGIQUES, APPLICATEUR DE SUBSTITUT DE TISSU ET UTILISATION DE POLYTETRAFLUOROETHYLENE POREUX**
[72] DOSTA, ANATOLI D., BY
[71] DOSTA, ANATOLI D., BY
[85] 2020-10-14
[86] 2017-11-30 (PCT/BY2017/000018)
[87] (WO2019/104407)

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[13] A1
[51] **Int.Cl. H01F 27/40 (2006.01) B61L 27/00 (2006.01) G05B 23/02 (2006.01) H01F 27/08 (2006.01) H01F 27/10 (2006.01) H01F 27/42 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING A COOLING UNIT OF A TRANSFORMER**
[54] **SYSTEME DE COMMANDE D'UNE UNITE DE REFROIDISSEMENT D'UN TRANSFORMATEUR**
[72] SEDLMAIER, BERTHOLD, DE
[72] ENGLMANN, TOBIAS, DE
[72] MBUY, AIME, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-09-05
[86] 2019-04-18 (PCT/EP2019/060053)
[87] (WO2019/219327)
[30] DE (10 2018 207 846.7) 2018-05-18

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[13] A1
[51] **Int.Cl. F02D 19/08 (2006.01) F02D 41/04 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING FUEL ECONOMY OF INTERNAL COMBUSTION ENGINES**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER LES ECONOMIES DE CARBURANT DES MOTEURS A COMBUSTION INTERNE**
[72] MAIER, OLIVIA, CA
[71] DYNACERT INC., CA
[85] 2020-10-23
[86] 2019-03-20 (PCT/CA2019/050339)
[87] (WO2019/204901)
[30] US (62/663,383) 2018-04-27

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 48/00 (2006.01) A61P 25/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **CONSTITUTIVELY ACTIVE PROFILIN-1 FOR USE IN THE THERAPY AND/OR TREATMENT OF A NEUROLOGICAL DISORDER AND/OR FOR PROMOTING NEURONAL REGENERATION, KIT AND PRODUCTS THEREOF**
[54] **PROFILINE-1 CONSTITUTIVEMENT ACTIVE DESTINEE A ETRE UTILISEE EN THERAPIE ET/OU DANS LE TRAITEMENT D'UN TROUBLE NEUROLOGIQUE ET/OU POUR FAVORISER LA REGENERESCENCE NEURONALE, KIT ET PRODUITS ASSOCIES**
[72] RIBEIRO MENDES DE SOUSA, MONICA LUISA, PT
[72] CARVALHO LEITE, SERGIO RICARDO, PT
[72] PINTO COSTA, ANA RITA, PT
[72] ALBUQUERQUE SIMOES BAETA MENDES, RAQUEL, PT
[72] ANTUNES MOREIRA CARVALHO MARQUES, JOANA BEATRIZ, PT
[72] CASTRO SOUSA, SARA PATRICIA, PT
[71] INSTITUTO DE BIOLOGIA MOLECULAR E CELULAR - IBMC, PT
[85] 2020-10-15
[86] 2018-05-07 (PCT/IB2018/053158)
[87] (WO2018/203313)
[30] PT (110059) 2017-05-05
[30] PT (110593) 2018-02-26

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[51] **Int.Cl. G06F 21/64 (2013.01) G06Q 20/06 (2012.01) G06F 16/23 (2019.01) G06F 16/27 (2019.01) H04L 9/14 (2006.01) H04L 9/28 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR SECURE BLOCKCHAIN TRANSACTION AND SUBNETWORKS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE TRANSACTIONS DE CHAINE DE BLOCS SECURISEE ET SOUS-RESEAUX**
[72] DESMARAIS, PHILIPPE, CA
[72] ST-JACQUES GAGNON, THIERRY, CA
[71] KELVIN ZERO INC., CA
[85] 2020-10-23
[86] 2019-03-27 (PCT/CA2019/050376)
[87] (WO2019/218055)
[30] US (62/671,550) 2018-05-15

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[13] A1
[51] **Int.Cl. H01L 27/146 (2006.01) H04N 5/369 (2011.01) G01N 21/84 (2006.01) G06M 11/00 (2006.01) H01L 21/82 (2006.01) H01L 21/98 (2006.01) H01L 23/50 (2006.01) H01L 25/065 (2006.01)**
[25] EN
[54] **IMAGE SENSORS HAVING TWO OR MORE LIGHT SENSITIVE SUBAREAS FOR RECEIVING TWO OR MORE IMAGES OF A SAMPLE**
[54] **CAPTEURS D'IMAGE AYANT AU MOINS DEUX SOUS-ZONES SENSIBLES A LA LUMIERE POUR RECEVOIR AU MOINS DEUX IMAGES D'UN ECHANTILLON**
[72] FINE, ALAN MARC, CA
[72] RANKADUWA, MADHURANGA SRINATH, CA
[71] ALENTIC MICROSCIENCE INC., CA
[85] 2020-10-23
[86] 2019-04-12 (PCT/CA2019/050445)
[87] (WO2019/204904)
[30] US (15/963,894) 2018-04-26
[30] US (16/210,098) 2018-12-05
[30] US (16/282,501) 2019-02-22

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) C12N 15/11 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING SPLICEOPATHY AND TREATING RNA DOMINANCE DISORDERS**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LES ANOMALIES D'EPISSAGE ET TRAITER DES TROUBLES DE DOMINANCE ARN**
[72] CHAMBERLAIN, JOEL, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2020-09-05
[86] 2019-05-15 (PCT/US2019/032423)
[87] (WO2019/222354)
[30] US (62/671,769) 2018-05-15

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[13] A1
[51] **Int.Cl. B66C 1/68 (2006.01) B66C 3/00 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **HYDRAULIC ROTATOR APPARATUS**
[54] **APPAREIL ROTATEUR HYDRAULIQUE**
[72] HARR, JOAKIM, SE
[71] INDEXATOR ROTATOR SYSTEMS AB, SE
[85] 2020-10-23
[86] 2019-04-15 (PCT/EP2019/059657)
[87] (WO2019/233665)
[30] SE (1850692-3) 2018-06-08

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[51] **Int.Cl. A24F 40/42 (2020.01) A24F 40/10 (2020.01) A24F 40/46 (2020.01) A24F 47/00 (2020.01)**
[25] EN
[54] **ELECTRONIC CIGARETTE WITH OPTIMISED VAPORISATION**
[54] **CIGARETTE ELECTRONIQUE A VAPORISATION OPTIMISEE**
[72] ADAIR, KYLE, GB
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] PAUL, SAMUEL, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-23
[86] 2019-04-24 (PCT/EP2019/060542)
[87] (WO2019/207012)
[30] EP (18169012.4) 2018-04-24

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[13] A1
[51] **Int.Cl. A61L 27/16 (2006.01) A61B 17/17 (2006.01) A61K 6/00 (2020.01) A61L 24/00 (2006.01) A61L 24/06 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **CURABLE RADIOPAQUE SUBSTANCE**
[54] **MATERIAU DURCISSABLE VISIBLE AUX RAYONS X**
[72] PFLESSER, SEBASTIAN, DE
[71] MERZ DENTAL GMBH, DE
[85] 2020-10-23
[86] 2019-05-03 (PCT/EP2019/061330)
[87] (WO2019/211420)
[30] DE (10 2018 206 995.6) 2018-05-04

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[13] A1
[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/192 (2006.01) A61K 31/40 (2006.01) A61K 31/4174 (2006.01) A61K 31/4365 (2006.01) A61K 31/439 (2006.01) A61K 31/60 (2006.01) A61K 31/7004 (2006.01) A61K 31/7056 (2006.01) A61K 45/06 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TREATMENT FOR DEMYELINATING DISEASE**
[54] **TRAITEMENT DESTINE A UNE MALADIE DEMYELINISANTE**
[72] FRANKLIN, ROBIN, GB
[72] NEUMANN, BJORN, GB
[72] VAN WIJNGAARDEN, PETER, AU
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2020-10-23
[86] 2018-04-26 (PCT/EP2018/060774)
[87] (WO2019/206419)

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[51] **Int.Cl. G16H 40/67 (2018.01)**
[25] EN
[54] **INTERFACE DISPLAY FOR INFUSION MODULE**
[54] **AFFICHAGE D'INTERFACE POUR MODULE DE PERFUSION**
[72] LANGAN, JOHN, US
[72] DANIELS, TRESSA, US
[72] MITCHELL, CRAIG, US
[72] SMYTH, WENDY, US
[72] DAOUST, KELLY, US
[72] COLLINS, LAURA, US
[72] WEST, PATRICIA, US
[72] KNIGHT, CLAIRE, US
[71] CAREFUSION 303, INC., US
[85] 2020-09-05
[86] 2019-05-17 (PCT/US2019/032870)
[87] (WO2019/222628)
[30] US (15/984,277) 2018-05-18

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[13] A1
[51] **Int.Cl. G09F 9/302 (2006.01) G09F 9/33 (2006.01) G09F 9/35 (2006.01)**
[25] EN
[54] **CURVED SCREEN OR DOME HAVING CONVEX QUADRILATERAL TILES**
[54] **ECRAN INCURVE OU DOME AYANT DES CARREAUX QUADRILATERES CONVEXES**
[72] DE MEERLEER, PETER, BE
[71] SCIOTEQ BVBA, BE
[85] 2020-10-23
[86] 2018-10-12 (PCT/EP2018/077864)
[87] (WO2019/076748)
[30] EP (17196913.2) 2017-10-17

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/167 (2006.01) A61K 31/4422 (2006.01) A61K 31/554 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/38 (2006.01)**
[25] EN
[54] **TOPICAL PHARMACEUTICAL COMPOSITION FOR TREATMENT OF ANAL FISSURES AND HEMORRHOIDS**
[54] **COMPOSITION PHARMACEUTIQUE TOPIQUE POUR LE TRAITEMENT DE FISSURES ANALES ET D'HEMORROIDES**
[72] DE SOUZA TEIXEIRA, LEONARDO, BR
[72] DE FARIA, JEANE ROBERTA SANTANA, BR
[72] DE CASTRO MELO NOGUEIRA, GILBIA, BR
[72] MOREIRA MUNDIM, IRAM, BR
[72] MOREIRA REZECK, LAURA, BR
[72] PIMENTEL ITAPEMA ALVES, CARINA, BR
[72] BRUNO BELLORIO, KARINI, BR
[72] RODRIGUES FERNANDES, SARAH, BR
[72] PIMENTEL ITAPEMA ALVES, VIVIANE, BR
[72] WOOLEY DE MENDONCA FILHO, ROBERT FREDERIC, BR
[71] FERRING B.V., NL
[85] 2020-10-23
[86] 2019-04-25 (PCT/EP2019/060643)
[87] (WO2019/207059)
[30] BR (1020180083244) 2018-04-25

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[51] **Int.Cl. C05C 9/00 (2006.01) A23K 20/00 (2016.01) C05D 5/00 (2006.01) C05D 9/02 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **IMPROVED UREA-BASED COMPOSITION COMPRISING ELEMENTAL SULPHUR AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITION AMELIOREE A BASE D'UREE COMPRENANT DU SOUFRE ELEMENTAIRE ET SON PROCEDE DE FABRICATION**
[72] VAN BELZEN, RUUD, NL
[72] COLPAERT, FILIP, BE
[71] YARA INTERNATIONAL ASA, NO
[85] 2020-10-23
[86] 2019-05-10 (PCT/EP2019/062036)
[87] (WO2019/215325)
[30] EP (18171843.8) 2018-05-11

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[13] A1
[51] **Int.Cl. B60L 53/14 (2019.01) B60L 53/65 (2019.01) B60L 53/66 (2019.01) B60L 53/68 (2019.01) H02J 7/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **DIGITAL ACCESS SYSTEM FOR VEHICLES FOR LOADING OPERATIONS CONTROLLED FROM OUTSIDE**
[54] **SYSTEME D'ACCES NUMERIQUE POUR VEHICULES POUR PROCESSUS DE CHARGE COMMANDES EXTERIEUREMENT**
[72] SCHUMACHER, ULI ERICH, DE
[71] EGS ENTWICKLUNGS- UND FORSCHUNGS- GMBH, DE
[85] 2020-10-23
[86] 2019-04-25 (PCT/EP2019/060671)
[87] (WO2019/207070)
[30] DE (10 2018 109 956.8) 2018-04-25
[30] DE (10 2018 109 962.2) 2018-04-25
[30] DE (10 2018 114 593.4) 2018-06-18

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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 47/69 (2017.01) A61K 9/127 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **LIPID-BASED FORMULATIONS FOR THE DELIVERY OF RNA**
[54] **FORMULATIONS A BASE DE LIPIDES POUR L'ADMINISTRATION D'ARN**
[72] DOHMEN, CHRISTIAN, DE
[72] MYKHAILYK, OLGA, DE
[71] ETHRIS GMBH, DE
[85] 2020-10-23
[86] 2019-04-25 (PCT/EP2019/060644)
[87] (WO2019/207060)
[30] EP (18169325.0) 2018-04-25
[30] EP (18189010.4) 2018-08-14

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[51] **Int.Cl. E05F 1/00 (2006.01) E05D 5/02 (2006.01) E05F 3/00 (2006.01) E05F 3/22 (2006.01)**
[25] EN
[54] **SPACE SAVING MECHANISM FOR INSTALLATION OF SWING DOOR OPERATOR**
[54] **MECANISME D'ECONOMIE D'ESPACE POUR L'INSTALLATION D'UN OPERATEUR DE PORTE PIVOTANTE**
[72] SODERQVIST, SVEN-GUNNAR, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2020-10-23
[86] 2019-06-12 (PCT/EP2019/065270)
[87] (WO2019/238717)

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[51] **Int.Cl. C07D 498/14 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TETRACYCLIC HETEROARYL COMPOUNDS**
[54] **COMPOSES HETEROARYLES TETRACYCLIQUES**
[72] KETTLE, JASON GRANT, GB
[72] BAGAL, SHARANJEET KAUR, GB
[72] EATHERTON, ANDREW JOHN, GB
[72] FILLERY, SHAUN MICHAEL, GB
[72] ROBB, GRAEME RICHARD, GB
[72] LAMONT, SCOTT GIBSON, GB
[72] KEMMITT, PAUL DAVID, GB
[72] GOLDBERG, FREDERICK WOOLF, GB
[71] ASTRAZENECA AB, SE
[85] 2020-10-23
[86] 2019-05-07 (PCT/EP2019/061754)
[87] (WO2019/215203)
[30] US (62/668,321) 2018-05-08
[30] US (62/754,814) 2018-11-02

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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 47/59 (2017.01) A61K 47/69 (2017.01) A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **CRYOPROTECTIVE AGENTS FOR PARTICULATE FORMULATIONS**
[54] **AGENTS CRYOPROTECTEURS POUR FORMULATIONS PARTICULAIRES**
[72] DOHMEN, CHRISTIAN, DE
[72] BECK, PHILIPP, DE
[71] ETHRIS GMBH, DE
[85] 2020-10-23
[86] 2019-04-25 (PCT/EP2019/060646)
[87] (WO2019/207061)
[30] EP (18169325.0) 2018-04-25
[30] EP (18189010.4) 2018-08-14

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[13] A1
[51] **Int.Cl. C05C 9/00 (2006.01) A23K 20/00 (2016.01) C05D 5/00 (2006.01) C05D 9/02 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **IMPROVED UREA-BASED BLEND COMPOSITION AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITION DE MELANGE AMELIOREE A BASE D'UREE ET SON PROCEDE DE FABRICATION**
[72] VAN BELZEN, RUUD, NL
[72] COLPAERT, FILIP, BE
[71] YARA INTERNATIONAL ASA, NO
[85] 2020-10-23
[86] 2019-05-09 (PCT/EP2019/061894)
[87] (WO2019/215271)
[30] EP (18171374.4) 2018-05-09

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[13] A1
[51] **Int.Cl. E05F 15/603 (2015.01) E05F 15/73 (2015.01) E05F 15/74 (2015.01) E05F 15/76 (2015.01)**
[25] EN
[54] **CONFIGURATION OF ENTRANCE SYSTEMS HAVING ONE OR MORE MOVABLE DOOR MEMBERS**
[54] **CONFIGURATION DE SYSTEMES D'ENTREE COMPORTANT UN OU PLUSIEURS ELEMENTS DE PORTE MOBILES**
[72] DREYER, ROGER, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2020-10-23
[86] 2019-06-12 (PCT/EP2019/065274)
[87] (WO2019/238718)
[30] SE (1830193-7) 2018-06-15

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **OLIGONUCLEOTIDES CONJUGATES COMPRISING 7'-5'-ALPHA-ANOMERIC-BICYCLIC SUGAR NUCLEOSIDES**
[54] **CONJUGUES D'OLIGONUCLEOTIDES COMPRENANT DES NUCLEOSIDES DE GLUCIDE 7'-5'-ALPHA-ANOMERIQUES-BICYCLIQUES**
[72] RENNER, WOLFGANG, CH
[71] ALPHA ANOMERIC SAS, FR
[85] 2020-10-23
[86] 2019-05-10 (PCT/EP2019/062064)
[87] (WO2019/215333)
[30] US (62/670,319) 2018-05-11

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[13] A1
[51] **Int.Cl. C07H 21/00 (2006.01) A61P 9/00 (2006.01) C07H 1/00 (2006.01) C07H 1/04 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDES COMPRISING A PHOSPHOROTRITHIOATE INTERNUCLEOSIDE LINKAGE**
[54] **OLIGONUCLEOTIDES COMPRENANT UNE LIAISON INTERNUCLEOSIDIQUE PHOSPHOROTRITHIOATE**
[72] BLEICHER, KONRAD, CH
[72] DUSCHMALE, JOERG JAKOB ANDREAS, CH
[72] DUSCHMALE, MARTINA BRIGITTE, CH
[72] KOCH, TROELS, DK
[72] KOLLER, ERICH, CH
[72] LI, MEILING, CH
[72] SCHAEUBLIN, ADRIAN, CH
[71] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK
[85] 2020-10-23
[86] 2019-07-29 (PCT/EP2019/070331)
[87] (WO2020/025527)
[30] EP (18186677.3) 2018-07-31

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **AEROSOL GENERATING ARTICLE AND AN AEROSOL GENERATING DEVICE FOR HEATING THE SAME**
[54] **ARTICLE DE GENERATION D'AEROSOL ET DISPOSITIF DE GENERATION D'AEROSOL POUR CHAUFFER CELUI-CI**
[72] GILL, MARK, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-10-23
[86] 2019-05-15 (PCT/EP2019/062465)
[87] (WO2019/219740)
[30] EP (18173128.2) 2018-05-18

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[13] A1
[51] **Int.Cl. G01L 5/08 (2006.01) D21F 7/06 (2006.01) D21G 9/00 (2006.01) G01B 11/16 (2006.01) G01B 11/24 (2006.01) G01N 3/10 (2006.01) G01N 33/34 (2006.01)**
[25] EN
[54] **MEASUREMENT OF ELASTIC MODULUS OF MOVING WEB**
[54] **MESURE DU MODULE ELASTIQUE D'UNE BANDE EN MOUVEMENT**
[72] MANTYLA, MARKKU, FI
[72] GRAEFFE, JUSSI, FI
[72] ERKKILA, ANNA-LEENA, FI
[71] VALMET AUTOMATION OY, FI
[85] 2020-10-23
[86] 2019-04-24 (PCT/FI2019/050327)
[87] (WO2019/211515)
[30] FI (20185410) 2018-05-03

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[13] A1
[51] **Int.Cl. G21C 13/036 (2006.01) G21C 11/08 (2006.01) G21C 15/12 (2006.01)**
[25] FR
[54] **NUCLEAR REACTOR AND NUCLEAR REACTOR VESSEL EQUIPPED WITH NON-EJECTABLE VALVE**
[54] **REACTEUR NUCLEAIRE ET CUVE DE REACTEUR NUCLEAIRE EQUIPEE D'UN CLAPET NON EJECTABLE**
[72] CANDILLIER, LAURENT, FR
[72] BRUN, MICHEL, FR
[71] SOCIETE TECHNIQUE POUR L'ENERGIE ATOMIQUE, FR
[85] 2020-10-23
[86] 2019-05-16 (PCT/EP2019/062677)
[87] (WO2019/219843)
[30] FR (1854081) 2018-05-16

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/04 (2006.01) A61B 1/227 (2006.01) A61B 1/24 (2006.01) A61B 1/32 (2006.01)**
[25] EN
[54] **NEW PRODUCT**
[54] **NOUVEAU PRODUIT**
[72] KWONG, TSONG, GB
[71] GWMV LIMITED, GB
[85] 2020-10-23
[86] 2018-04-25 (PCT/GB2018/051084)
[87] (WO2018/197870)
[30] GB (1706497.3) 2017-04-25

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61P 25/06 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW HETEROCYCLIC COMPOUNDS AS MONOACYLGLYCEROL LIPASE INHIBITORS**
[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE MONOACYLGLYCEROL LIPASE**
[72] ANSELM, LILLI, CH
[72] BENZ, JOERG, CH
[72] GRETHER, UWE, CH
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] HEER, DOMINIK, CH
[72] HORNSPERGER, BENOIT, CH
[72] KROLL, CARSTEN, CH
[72] KUHN, BERND, CH
[72] O`HARA, FIONN, CH
[72] RICHTER, HANS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-10-23
[86] 2019-08-12 (PCT/EP2019/071522)
[87] (WO2020/035425)
[30] EP (18188679.7) 2018-08-13

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[13] A1
[51] **Int.Cl. G01N 15/04 (2006.01) G01N 15/00 (2006.01) G01N 15/05 (2006.01) G01N 21/31 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR DETERMINING HAEMOGLOBIN CONCENTRATION**
[54] **PROCEDE ET APPAREIL DE DETERMINATION DE LA CONCENTRATION D'HEMOGLOBINE**
[72] BASEY-FISHER, TOBY, GB
[72] BURROWS, CHRISTOPHER, GB
[71] ENTIA LTD, GB
[85] 2020-10-23
[86] 2019-04-11 (PCT/GB2019/051051)
[87] (WO2019/207284)
[30] GB (1806693.6) 2018-04-24

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[13] A1
[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/537 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORMS OF BICTEGRAVIR AND ITS SODIUM SALT**
[54] **FORMES POLYMORPHES DE BICTEGRAVIR ET SON SEL DE SODIUM**
[72] JETTI, RAMAKOTESWARA RAO, IN
[72] BHATRAJU, DAVEEDU, IN
[72] DANDALA, SUBRAMANYAM, IN
[72] BOMMAREDDY, AGGI RAMIREDDY, IN
[72] MULAMALLA, RAJENDAR REDDY, IN
[72] TAILOR, SRIDHAR, IN
[72] JAYACHANDRA, SURESHBABU, IN
[71] MYLAN LABORATORIES LIMITED, IN
[85] 2020-10-23
[86] 2019-04-25 (PCT/IN2019/050335)
[87] (WO2019/207602)
[30] IN (201841015814) 2018-04-26
[30] IN (201841020810) 2018-06-04
[30] IN (201841034008) 2018-09-10

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[13] A1
[51] **Int.Cl. F04D 15/00 (2006.01) E21B 43/12 (2006.01) E21B 47/00 (2012.01) F04D 13/10 (2006.01) F04D 13/12 (2006.01)**
[25] EN
[54] **METHODS RELATED TO STARTUP OF AN ELECTRIC SUBMERSIBLE PUMP**
[54] **PROCEDES LIES AU DEMARRAGE D'UNE POMPE SUBMERSIBLE ELECTRIQUE**
[72] ESLINGER, DAVID MILTON, US
[72] SUBERVIE, YVES-MARIE CLET ROBERT, US
[72] COSTE, EMMANUEL, US
[72] SADOWSKA, ANNA DANUTA, US
[72] STEENSON, LEO VINCENT, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2020-10-23
[86] 2018-04-18 (PCT/US2018/028046)
[87] (WO2018/200269)
[30] US (62/491,851) 2017-04-28

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[13] A1
[51] **Int.Cl. B65D 5/40 (2006.01) B65D 5/06 (2006.01) B65D 5/74 (2006.01)**
[25] EN
[54] **PAPER CONTAINER WITH STOPPER**
[54] **RECIPIENT EN PAPIER DOTE D'UN BOUCHON**
[72] NAKAMURA, KOUYA, JP
[72] NAGAMI, TOMOYUKI, JP
[72] YONEDA, YOSHITAKA, JP
[72] OHKURA, AYASA, JP
[72] URANO, YOSHIHIRO, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2020-10-23
[86] 2019-04-26 (PCT/JP2019/017843)
[87] (WO2019/208751)
[30] JP (2018-085924) 2018-04-27
[30] JP (2018-105079) 2018-05-31

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF CANAKINUMAB**
[54] **UTILISATION DE CANAKINUMAB**
[72] SCHIEKER, MATTIAS, CH
[72] MINDEHOLM, LINDA, CH
[72] PRAESTGAARD, JENS, US
[71] NOVARTIS AG, CH
[85] 2020-10-23
[86] 2018-08-24 (PCT/IB2018/056455)
[87] (WO2019/215484)
[30] US (62/669,071) 2018-05-09

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[13] A1
[51] **Int.Cl. C12N 5/077 (2010.01) A61K 35/35 (2015.01) A61K 35/28 (2015.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF CELLULAR PARTICULATE WITH ANTITUMOR ACTIVITY**
[54] **PROCEDE DE PRODUCTION DE PARTICULES CELLULAIRES AYANT UNE ACTIVITE ANTITUMORALE**
[72] ROSSIGNOLI, FILIPPO, IT
[72] SPANO, CARLOTTA, IT
[72] GRISENDI, GIULIA, IT
[72] CANDINI, OLIVIA, IT
[72] DOMINICI, MASSIMO, IT
[71] RIGENERAND S.R.L., IT
[85] 2020-10-23
[86] 2019-04-24 (PCT/IT2019/050081)
[87] (WO2019/207610)
[30] IT (102018000004901) 2018-04-26

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[13] A1
[51] **Int.Cl. E21B 43/013 (2006.01) E21B 43/017 (2006.01) E21B 43/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFFSHORE HYDROCARBON PROCESSING**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT D'HYDROCARBURES EN MER**
[72] JOHNSEN, CECILIE GOTAAS, NO
[72] SAMUELSBERG, ARILD, NO
[71] EQUINOR ENERGY AS, NO
[85] 2020-10-23
[86] 2019-04-24 (PCT/NO2019/050092)
[87] (WO2019/209118)
[30] NO (20180573) 2018-04-24

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[13] A1
[51] **Int.Cl. E21B 43/013 (2006.01) E21B 43/017 (2006.01) E21B 43/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFFSHORE HYDROCARBON PRODUCTION AND STORAGE**
[54] **SYSTEME ET PROCEDE DE PRODUCTION ET DE STOCKAGE D'HYDROCARBURES EN MER**
[72] JOHNSEN, CECILIE GOTAAS, NO
[72] SAMUELSBERG, ARILD, NO
[71] EQUINOR ENERGY AS, NO
[85] 2020-10-23
[86] 2019-04-24 (PCT/NO2019/050093)
[87] (WO2019/209119)
[30] NO (20180573) 2018-04-24

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[13] A1
[51] **Int.Cl. B42D 25/47 (2014.01) B42D 25/324 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) B42D 25/36 (2014.01) B42D 25/369 (2014.01) B42D 25/373 (2014.01) B42D 25/378 (2014.01) B42D 25/405 (2014.01) B42D 25/455 (2014.01) B42D 25/46 (2014.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LAMINATED BODY AND A LAMINATING FILM AND LAMINATED BODY AND LAMINATING FILM**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT STRATIFIE ET D'UN FILM STRATIFIE AINSI QU'ELEMENT STRATIFIE ET FILM STRATIFIE**
[72] HOFFMANN, MICHAEL, CH
[72] STAUB, RENE, CH
[71] OVD KINEGRAM AG, CH
[85] 2020-10-23
[86] 2019-05-20 (PCT/EP2019/062994)
[87] (WO2019/224159)
[30] DE (10 2018 112 652.2) 2018-05-25
[30] DE (10 2019 104 181.3) 2019-02-19

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61P 35/00 (2006.01) C07D 405/14 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **2-AMINO-PYRIDINE OR 2-AMINO-PYRIMIDINE DERIVATIVES AS CYCLIN DEPENDENT KINASE INHIBITORS**
[54] **DERIVES DE 2-AMINO-PYRIDINE OU DE 2-AMINO-PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DE KINASES DEPENDANTES DES CYCLINES**
[72] CHEN, PING, US
[72] CHO-SCHULTZ, SUJIN, US
[72] DEAL, JUDITH GAIL, US
[72] GALLEGO, GARY MICHAEL, US
[72] JALAIE, MEHRAN, US
[72] KANIA, ROBERT STEVEN, US
[72] NAIR, SAJIV KRISHNAN, US
[72] NINKOVIC, SACHA, US
[72] ORR, SUVI TUULA MARJUKKA, US
[72] PALMER, CYNTHIA LOUISE, US
[71] PFIZER INC., US
[85] 2020-10-23
[86] 2019-04-22 (PCT/IB2019/053314)
[87] (WO2019/207463)
[30] US (62/663,096) 2018-04-26
[30] US (62/750,454) 2018-10-25
[30] US (62/826,609) 2019-03-29

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[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **PLOW STEEL FOR A SNOW PLOW, AND METHODS FOR MANUFACTURING AND USING SUCH A PLOW STEEL**
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[54] **DISPOSITIF A RESSORT ET ENSEMBLE SOUPAPE POUR UN RECIPIENT A BOISSON**
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[54] **PROCEDE DE DISTINCTION D'UN OBJET TRIDIMENSIONNEL REEL A PARTIR D'UNE USURPATION BIDIMENSIONNELLE DE L'OBJET REEL**
[72] ARAGON, JESUS, US
[71] IDENTY INC., US
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[54] **DOSING DEVICE FOR SOLID MOLDED BODIES FOR PREPARING A SOLUTION**
[54] **DISPOSITIF DE DOSAGE DE CORPS MOULES SOLIDES POUR LA PRODUCTION D'UNE SOLUTION**
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[72] STOCKERL, TOBIAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **SYSTEM AND METHODS FOR COMPLETING A CASCADED CLOCK RING BUS**
[54] **SYSTEME ET PROCEDES PERMETTANT DE COMPLETER UN BUS EN ANNEAU D'HORLOGE EN CASCADE**
[72] LEE, WINSTON, US
[71] DEGIRUM CORPORATION, US
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[54] **PLANT AND AIR POLLUTION CONTROL METHOD**
[54] **INSTALLATION ET PROCEDE DE LUTTE CONTRE LA POLLUTION DE L'AIR**
[72] TSUJIUCHI, TATSUYA, JP
[72] YONEKAWA, TAKAHITO, JP
[72] KAMIJO, TAKASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
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[54] **COMPOSES TETRAHYDRO-1H-PYRAZINO[2,1-AJISOINDOLYLQUINOLINE POUR LE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] DEY, FABIAN, CH
[72] SHEN, HONG, CN
[72] XU, HONGTAO, CN
[72] YUN, HONGYING, CN
[72] ZOU, GE, CN
[72] ZHU, WEI, CN
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[54] **INHIBITEURS DE SLC26A3 ET UTILISATION ASSOCIEE**
[72] VERKMAN, ALAN S., US
[72] CIL, ONUR, US
[72] HAGGIE, PETER M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **INTEGRATION OF HIGH FREQUENCY RECONSTRUCTION TECHNIQUES WITH REDUCED POST-PROCESSING DELAY**
[54] **INTEGRATION DE TECHNIQUES DE RECONSTRUCTION HAUTE FREQUENCE A RETARD POST-TRAITEMENT REDUIT**
[72] KJOERLING, KRISTOFER, US
[72] VILLEMOES, LARS, US
[72] PURNHAGEN, HEIKO, US
[72] EKSTRAND, PER, US
[71] DOLBY INTERNATIONAL AB, NL
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[54] **METHODS AND COMPOSITIONS FOR STABILIZING NUCLEIC ACID-NUCLEOTIDE-POLYMERASE COMPLEXES**
[54] **PROCEDES ET COMPOSITIONS DESTINES A STABILISER DES COMPLEXES ACIDE NUCLEIQUE-NUCLEOTIDE-POLYMERASE**
[72] BLOCK, FABIAN, US
[72] MIDDLETON, MORASSA MOHSENI, US
[72] WALLEN, MARK C., US
[72] IYIDOGAN, PINAR, US
[72] SCHMIDT, MICHAEL JAMES, US
[72] ROHRMAN, BRITTANY A., US
[72] LIU, YING LIN, US
[72] OLIPHANT, ARNOLD, US
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[54] **FIBRES DE PATE SULFONEES, PATE DERIVEE, FIBRES DE CELLULOSE FINES SULFONEES, PROCEDE DE PRODUCTION DE FIBRES DE CELLULOSE FINES SULFONEES ET PROCEDE DE PRODUCTION DE FIBRES DE PATE SULFONEES**
[72] HIASA, SHOU, JP
[72] UCHIMURA, HIROMI, JP
[72] YABUTANI, TOMOKI, JP
[71] MARUSUMI PAPER CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION EHIME UNIVERSITY, JP
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[54] **DISPOSITIF DE STIMULATION ET PROCEDE D'UTILISATION**
[72] GIACOMINI, JEAN PHILIPPE, US
[72] POWNALL, THOMAS, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES ASSOCIES A DES SYSTEMES MICROFLUIDIQUES**
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[72] HOSKING, PETER ANTHONY GREENWOOD, NZ
[72] ASHFORTH, SIMON ANDREW, NZ
[72] AGUERGARAY, CLAUDE, NZ
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[54] **SYSTEMES ET PROCEDES DE FORMULATION D'UNE MESURE DE PERFORMANCE D'UN MOUVEMENT D'UN NAGEUR**
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[72] POTAS, MICHAEL, AU
[72] MAY, STUART, AU
[71] SENSARII PTY LTD, AU
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[54] **MOUSSES A BASE D'ELASTOMERE THERMOPLASTIQUE**
[72] POESELT, ELMAR, DE
[72] GUTMANN, PETER, DE
[72] RAPP, FLORIAN TOBIAS, DE
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[54] **PROCEDES DE TRAITEMENT D'INFECTIONS BACTERIENNES A L'AIDE D'ORITAVANCINE**
[72] FUSARO, KAREN, US
[72] GRIFFITH, DAVID C., US
[72] LOUTIT, JEFFREY S., US
[71] MELINTA THERAPEUTICS, INC., US
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[54] **PROCEDE EN CIRCUIT FERME POUR L'AMPLIFICATION ET L'EDITION DE GENES DE LYMPHOCYTES D'INFILTRATION DES TUMEURS ET LEURS UTILISATIONS EN IMMUNOTHERAPIE**
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[72] RITTHIPICHAI, KRIT, US
[71] IOVANCE BIOTHERAPEUTICS, INC., US
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[72] KINNEY, CHAD, A., US
[72] CARSELLA, JAMES, US
[72] HEUVEL, BRIAN VANDEN, US
[72] BOSTON, DAVID, US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
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[54] **INSTALLATION ET PROCEDE DE FRAGMENTATION ELECTRODYNAMIQUE**
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[72] THOME, VOLKER, DE
[72] SEIFERT, SEVERIN, DE
[72] DITTRICH, SEBASTIAN, DE
[72] BICKES, CHRISTIAN, DE
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[72] MUDIE, DEANNA, BE
[72] SHEPARD, KIMBERLY, BE
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE TRAITEMENT DE L'INCONTINENCE URINAIRE ET FECALE**
[72] BEER, MARC D., US
[72] BOHORQUEZ, JOSE, US
[72] PULLIAM, SAMANTHA J., US
[72] MCKINNEY, JESSICA L., US
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[54] **SEPARATION OF OZONE OXIDATION IN LIQUID MEDIA INTO THREE UNIT OPERATIONS FOR PROCESS OPTIMIZATION**
[54] **SEPARATION D'OXYDATION D'OZONE DANS DES MILIEUX LIQUIDES EN TROIS OPERATIONS UNITAIRES POUR OPTIMISATION DE PROCESSUS**
[72] MANTE, JAN, DE
[72] SCHWERDT, JOERG, FR
[72] RASANAYAGAM, VASUHI, US
[72] MAHMUDOV, ROVSHAN, US
[72] ISAZADEH, SIAVASH, US
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **ESTIMATION DE TAUX DE COMPTAGE EN ENTREE DANS DES DETECTEURS D'IMPULSION DE RAYONNEMENT**
[72] PAULEY, MICHAEL, AU
[72] SCOULLAR, PAUL, AU
[72] MCLEAN, CHRISTOPHER, AU
[72] CHOW, ANDI, AU
[72] DRABKIN, NIR, AU
[71] SOUTHERN INNOVATION INTERNATIONAL PTY LTD, AU
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[54] **ENDOSCOPE A CAMERA ROTATIVE ET PROCEDES ASSOCIES**
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[72] KULBACKI, ALEC W., US
[72] BLUMBERG, DAVID, JR., US
[72] ADAMS, PAUL L., US
[72] RIVINIUS, GREGG W., US
[72] HENNING, STEVEN L., US
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[54] **SYSTEME D'INTERFACE NEURONALE**
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[72] KOUVAS, GEORGIOS, CH
[72] SOBOLEWSKI, ALEKSANDER, CH
[72] ZIMMERMANN, JONAS, CH
[72] VLACHOS, IOANNIS, FR
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[72] FLAHERTY, J. CHRISTOPHER, US
[71] WYSS CENTER FOR BIO AND NEURO ENGINEERING, CH
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[54] **SYSTEME DE GABARIT A MINI-TROUS BORGNES**
[72] SCHAAF, SCOTT, US
[72] FORBES, TIMOTHY J., US
[72] HOLLAND, NEIL M., US
[72] HILL, BRIAN, US
[71] KREG ENTERPRISES, INC., US
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[72] BRODERICK, DANIEL P., US
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[72] HETT, CHRISTOPHER SCOTT, US
[72] HARRIS, LAWRENCE, US
[72] JEFFERSON, DARRELL, US
[72] HANLEY, JAMES PATRICK, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **MEMBRANE ENHANCED SENSORS**
[54] **CAPTEURS A MEMBRANE AMELIOREE**
[72] HEIKENFELD, JASON CHARLES, US
[72] YUAN, YUCHAN, US
[72] DEBROSSE, MADELEINE, US
[72] BROTHERS, MICHAEL CHARLES, US
[71] UNIVERSITY OF CINCINNATI, US
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[30] US (62/666,921) 2018-05-04

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[51] **Int.Cl. B02C 17/00 (2006.01) B02C 25/00 (2006.01)**
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[54] **GRINDING MEDIA, SYSTEM AND METHOD FOR OPTIMISING COMMINUTION CIRCUIT**
[54] **CORPS BROYANT, SYSTEME ET PROCEDE D'OPTIMISATION DE CIRCUIT DE COMMINUTION**
[72] SHELLEY, PAUL, AU
[72] MULLHOLLAND, JOHN, AU
[72] HAMILTON, IAN, AU
[71] MOLY-COP USA LLC, US
[85] 2020-10-26
[86] 2019-04-26 (PCT/AU2019/050376)
[87] (WO2019/204882)
[30] AU (2018901388) 2018-04-26

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[51] **Int.Cl. F24B 1/22 (2006.01) A47J 37/07 (2006.01) F24C 1/16 (2006.01)**
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[54] **COLLAPSIBLE AND PORTABLE OUTDOOR OVEN**
[54] **FOUR D'EXTERIEUR PLIABLE ET PORTABLE**
[72] JONES, GORD, CA
[72] LEVESQUE, GILLES, CA
[72] NORMAND, JEAN-PHILIPPE, CA
[71] OVEN BROTHERS LTD., CA
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[86] 2018-05-07 (PCT/CA2018/000084)
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[54] **BUCKET**
[54] **SEAU**
[72] SMITH, DAVID, US
[72] SHACKLADY MCATEE, DANIELLE MARIA, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS OF MODULATING ANTIGENICITY TO ENHANCE RECOGNITION BY T-CELLS**
[54] **PROCEDES DE MODULATION DE L'ANTIGENICITE POUR AMELIORER LA RECONNAISSANCE PAR DES LYMPHOCYTES T**
[72] COBBOLD, MARK, US
[72] BENES, CYRIL, US
[72] SHI, FENG, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **CONVOLUTIONAL NEURAL NETWORK SYSTEMS AND METHODS FOR DATA CLASSIFICATION**
[54] **SYSTEMES ET METHODES DE RESEAUX NEURONAUX CONVOLUTIFS PERMETTANT LA CLASSIFICATION DE DONNEES**
[72] FILIPPOVA, DARYA, US
[72] LARSON, MATTHEW H., US
[72] MAHER, M. CYRUS, US
[72] PORTELA DOS SANTOS PIMENTEL, MONICA, US
[72] CALEF, ROBERT ABE PAINE, US
[72] MELTON, COLLIN, US
[72] NICULA, VIRGIL, US
[72] VALOUEV, ANTON, US
[71] GRAIL, INC., US
[85] 2020-10-23
[86] 2019-05-31 (PCT/US2019/034994)
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[54] **MANAGING CONNECTIVITY FOR CRITICAL PATH NODES**
[54] **GESTION DE CONNECTIVITE POUR DES N□UDS DE CHEMIN CRITIQUE**
[72] HANLEY, JAMES PATRICK, US
[72] HARRIS, LAWRENCE, US
[72] HETT, CHRISTOPHER SCOTT, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2020-10-23
[86] 2019-04-17 (PCT/US2019/027798)
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[30] US (15/974,499) 2018-05-08

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[51] **Int.Cl. B66B 23/24 (2006.01) B29C 44/24 (2006.01)**
[25] EN
[54] **COMPOSITE HANDRAILS WITH REDUCED DENSITY CARCASS**
[54] **MAINS COURANTES COMPOSITES DOTEES D'UNE CARCASSE A DENSITE REDUITE**
[72] GUO, QINGPING, CA
[72] KENNY, ANDREW OLIVER, CA
[72] BUTWELL, REGINALD ANTHONY, CA
[72] SABADIN, JAMES RYAN, CA
[72] WONG, JASON, CA
[72] NAGUIB, HANI E., CA
[72] WANG, WANQIAO, CA
[72] LI, LINGHONG, CA
[72] ANWER, ALI OWAIS, CA
[72] ANWER, MUHAMMAD ABDUL SAMAD, CA
[71] EHC CANADA, INC., CA
[85] 2020-10-26
[86] 2018-05-07 (PCT/CA2018/050540)
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[25] EN
[54] **ELECTROCHROMIC DEVICES COMPRISING TUNGSTEN TITANIUM MOLYBDENUM OXIDE AS ELECTROCHROMIC MATERIAL**
[54] **DISPOSITIFS ELECTROCHROMIQUES COMPRENANT DE L'OXYDE DE TUNGSTENE-TITANE-MOLYBDENE EN TANT QUE MATERIAU ELECTROCHROMIQUE**
[72] ROZBICKI, ROBERT T., US
[72] KAILASAM, SRIDHAR KARTHIK, US
[71] VIEW, INC., US
[85] 2020-10-23
[86] 2019-04-17 (PCT/US2019/027931)
[87] (WO2019/209593)
[30] US (62/662,034) 2018-04-24
[30] US (16/384,822) 2019-04-15

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[25] EN
[54] **TIME SYNCHRONIZATION APPARATUSES AND METHODS FOR POWER-DISTRIBUTION SYSTEMS AND THE LIKE**
[54] **APPAREILS ET PROCEDES DE SYNCHRONISATION TEMPORELLE POUR SYSTEMES DE DISTRIBUTION D'ENERGIE ET SIMILAIRES**
[72] WOLTER, CHAD K., US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2020-10-23
[86] 2019-04-17 (PCT/US2019/027990)
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[54] **SYSTEM AND METHOD FOR OIL AND GAS PREDICTIVE ANALYTICS**
[54] **SYSTEME ET PROCEDE D'ANALYSE PREDICTIVE DE PETROLE ET DE GAZ**
[72] ZHENG, JINGWEN, CA
[72] ZONG, EMILY, CA
[72] MAIN, STEPHEN, CA
[71] RS ENERGY GROUP TOPCO, INC., CA
[85] 2020-10-26
[86] 2019-04-26 (PCT/CA2019/050544)
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[30] US (62/663,775) 2018-04-27

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[54] **TYRE HAVING IMPROVED PROPERTIES OF WEAR AND ROLLING RESISTANCE**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE ET DE RESISTANCE AU ROULEMENT AMELIOREES**
[72] GAYTON, CHRISTOPHE, FR
[72] THOMASSON, DAMIEN, FR
[72] REHAB, HICHEM, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[87] (WO2019/211565)
[30] FR (1853854) 2018-05-04

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[54] **SYSTEM AND METHOD FOR PATIENT POSITIONING IN AN AUTOMATED SURGERY**
[54] **SYSTEME ET PROCEDE POUR LE POSITIONNEMENT DE PATIENT EN CHIRURGIE AUTOMATISEE**
[72] MAHONEY, ORMONDE M., US
[71] MAHONEY, ORMONDE M., US
[85] 2020-10-23
[86] 2019-04-22 (PCT/US2019/028520)
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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR AND APPLICATION THEREOF**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE ET APPLICATION ASSOCIEE**
[72] HU, WEN, CN
[72] YAO, YONGCHAO, CN
[72] GUO, WENZHONG, CN
[72] JIANG, YINBO, CN
[72] HUANG, SHUOZHOU, CN
[72] JIANG, TING, CN
[72] LI, JIAOJIAO, CN
[72] TAO, ZHU, CN
[72] GU, YANLI, CN
[72] ZHANG, HUIHUI, CN
[72] QIN, LI, CN
[72] CHEN, XIAOPING, CN
[71] GUANGZHOU CAS LAMVAC BIOTECH CO., LTD, CN
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[51] **Int.Cl. H04B 10/079 (2013.01) H04B 14/04 (2006.01)**
[25] EN
[54] **CONFORMANCE TESTING METHOD AND APPARATUS, AND STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE VERIFICATION DE CONFORMITE, ET SUPPORT DE STOCKAGE**
[72] ZHENG, JIANYU, CN
[72] LI, SHENGPING, CN
[72] YANG, TING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-10-26
[86] 2019-04-25 (PCT/CN2019/084181)
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[30] CN (201810395321.4) 2018-04-27
[30] CN (201810609797.3) 2018-06-13

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/553 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01) C07D 409/14 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **ANTIPROLIFERATION COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ANTIPROLIFERATIFS ET LEURS UTILISATIONS**
[72] YU, HENRY, DE
[72] CLARK, MICHAEL, US
[72] BEMIS, GUY, US
[72] BOYD, MICHAEL, US
[72] CHANDUPATLA, KISHAN, US
[72] COLLIER, PHILIP, US
[72] DENG, HONGBO, US
[72] DONG, HUIJUN, US
[72] DORSCH, WARREN, US
[72] HOOVER, RUSSELL R., US
[72] JOHNSON, MAC ARTHUR, JR., US
[72] KUKAMI, SHASHANK, US
[72] PENNEY, MARINA, US
[72] RONKIN, STEVEN, US
[72] TAKEMOTO, DARIN, US
[72] TANG, QING, US
[72] WAAL, NATHAN D., US
[72] WANG, TIANSHENG, US
[72] LAUFFER, DAVID J., US
[72] LI, PAN, US
[71] MERCK PATENT GMBH, DE
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2020-10-23
[86] 2019-04-23 (PCT/US2019/028607)
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[30] US (62/661,719) 2018-04-24

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[51] **Int.Cl. C07D 213/00 (2006.01) A61K 31/435 (2006.01) A61K 31/4412 (2006.01) A61K 31/444 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 401/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **CRYSTAL FORM OF C-MET INHIBITOR AND SALT FORM THEREOF AND PREPARATION METHOD THEREFOR**
[54] **FORME CRISTALLINE D'UN INHIBITEUR DE C-MET, FORME DE SEL DE CELUI-CI ET SON PROCEDE DE PREPARATION**
[72] XU, XIONGBIN, CN
[72] LI, GANG, CN
[72] YAO, TING, CN
[72] WANG, KUN, CN
[72] HU, LIHONG, CN
[72] DING, CHARLES Z., CN
[71] FUJIAN COSUNTER PHARMACEUTICAL CO., LTD., CN
[85] 2020-10-26
[86] 2019-04-26 (PCT/CN2019/084515)
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[30] CN (201810387693.2) 2018-04-26

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[51] **Int.Cl. A63G 3/00 (2006.01) A61H 19/00 (2006.01) A61H 23/02 (2006.01) A63G 31/00 (2006.01)**
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[54] **DIRECT STIMULATION DEVICE WITH IMPROVED DRIVE**
[54] **DISPOSITIF DE STIMULATION DIRECTE A ENTRAINEMENT AMELIORE**
[72] ZEGENHAGEN, MARK TOBIAS, DE
[72] LENKE, MICHEAL, DE
[71] NOVOLUTO GMBH, DE
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[86] 2019-04-04 (PCT/DE2019/100308)
[87] (WO2019/192660)
[30] DE (10 2018 107 939.7) 2018-04-04

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[51] **Int.Cl. A61K 45/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMBINATION TREATMENT FOR EYE FIBROSIS AND/OR ANGIOGENESIS**
[54] **TRAITEMENT D'ASSOCIATION CIBLANT LA FIBROSE ET/OU L'ANGIOGENESE OCULAIRES**
[72] COOK, STUART ALEXANDER, SG
[72] SCHAEFER, SEBASTIAN, SG
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[86] 2019-04-26 (PCT/EP2019/060772)
[87] (WO2019/207122)
[30] GB (1806918.7) 2018-04-27

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[51] **Int.Cl. A61B 17/435 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01) A61B 17/42 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR IMPROVING IMPLANTATION OF FERTILIZED EGG DURING PREGNANCY**
[54] **DISPOSITIF ET PROCEDE POUR AMELIORER L'IMPLANTATION D'UN □UF FERTILISE PENDANT LA GROSSESSE**
[72] FALKNER, PETER T., US
[72] PLESSALA, KIRBY J., US
[72] HADDAD, MICHAEL, US
[71] INNOMED FIVE, L.L.C., US
[85] 2020-10-23
[86] 2019-04-23 (PCT/US2019/028630)
[87] (WO2019/209775)
[30] US (62/662,253) 2018-04-25
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[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/02 (2012.01) G06Q 20/16 (2012.01) G06Q 20/22 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD FOR MOBILE NETWORK OPERATOR-BASED PAYMENT SYSTEM**
[54] **PROCEDE POUR SYSTEME DE PAIEMENT BASE SUR UN OPERATEUR DE RESEAU MOBILE**
[72] ENE, COSMIN-GABRIEL, DE
[72] HANS, MARTIN, DE
[71] LATERPAY AG, CH
[85] 2020-10-26
[86] 2019-04-26 (PCT/EP2019/060785)
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[51] **Int.Cl. G07C 9/00 (2020.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **CERTIFICATE PROVISIONING FOR ELECTRONIC LOCK AUTHENTICATION TO A SERVER**
[54] **PROVISIONNEMENT DE CERTIFICAT POUR AUTHENTIFICATION SUR UN RESEAU**
[72] HART, JAMES CREIGHTON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2020-10-23
[86] 2019-04-23 (PCT/US2019/028745)
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[30] US (62/662,070) 2018-04-24

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BCL-2 INHIBITORS**
[54] **INHIBITEURS DE BCL-2**
[72] GUO, YUNHANG, CN
[72] XUE, HAI, CN
[72] WANG, ZHIWEI, CN
[72] SUN, HANZI, CN
[71] BEIGENE, LTD., KY
[85] 2020-10-26
[86] 2019-04-29 (PCT/CN2019/085001)
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[30] CN (PCT/CN2018/085217) 2018-04-29
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[51] **Int.Cl. G06F 16/27 (2019.01)**
[25] EN
[54] **METHODS AND DEVICES FOR STORING AND MANAGING AUDIO DATA ON BLOCKCHAIN**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE STOCKER ET DE GERER DES INFORMATIONS AUDIO SUR UNE CHAINE DE BLOCS**
[72] XU, HUI, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
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[51] **Int.Cl. A01N 25/10 (2006.01) A01N 25/18 (2006.01) A01N 59/00 (2006.01) A01N 59/08 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL GAS RELEASING AGENTS AND SYSTEMS AND METHODS FOR USING THE SAME**
[54] **AGENTS DE LIBERATION DE GAZ ANTIMICROBIEN ET SYSTEMES ET PROCEDES POUR LES UTILISER**
[72] PRATT, JASON, US
[72] FREEDMAN, JONATHAN R., US
[72] GUPTA, DEEPTI S., US
[72] JOHNSTON, MICHAEL A., US
[72] BELFANCE, JOHN, US
[72] SPANO, WILLIAM FREDERICK, US
[71] CSP TECHNOLOGIES, INC., US
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[30] US (62/760,519) 2018-11-13

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[51] **Int.Cl. C12N 15/52 (2006.01) A01H 6/28 (2018.01) C12N 5/04 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ENZYME ENGINEERING TO ALTER THE FUNCTIONAL REPERTOIRE OF CANNABINOID SYNTHASES**
[54] **MODIFICATION D'ENZYME POUR MODIFIER LE REPERTOIRE FONCTIONNEL DE SYNTHASES DE CANNABINOIDES**
[72] BOTSCH, KYLE, US
[72] BEHNKE, CRAIG, US
[72] GONZALEZ, KARLA, US
[72] SAUNDERS, MATTHEW, US
[72] MENDEZ, MICHAEL, US
[71] RENEW BIOPHARMA, INC., US
[85] 2020-10-23
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[87] (WO2019/209885)
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[25] EN
[54] **ADJUSTING WELL TOOL OPERATION TO MANIPULATE THE RATE-OF-PENETRATION (ROP) OF A DRILL BIT BASED ON MULTIPLE ROP PROJECTIONS**
[54] **AJUSTEMENT DU FONCTIONNEMENT D'UN OUTIL DE PUITS POUR MANIPULER LA VITESSE D'AVANCEMENT (ROP) D'UN TREPAN SUR LA BASE DE MULTIPLES PROJECTIONS DE VITESSE D'AVANCEMENT**
[72] SAMUEL, ROBELLO, US
[72] MITTAL, MANISH K., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-10-21
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[54] **SAFETY ANCHOR APPARATUS**
[54] **DISPOSITIF D'ANCRAGE DE SECURITE**
[72] WALSH, JAMES R., US
[72] FUGALLO, JOSEPH A., US
[72] MARRA, JOHN P., US
[71] ANCHOR RING SOLUTIONS, LLC, US
[85] 2020-10-23
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[87] (WO2019/209929)
[30] US (62/662,315) 2018-04-25
[30] US (16/168,381) 2018-10-23

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[25] EN
[54] **COMPOSITIONS AND ARTICLES COMPRISING COMPLEXES OF 1-METHYLCYCLOPROPRENE AND ALPHA-CYCLODEXTRIN**
[54] **COMPOSITIONS ET ARTICLES COMPRENANT DES COMPLEXES DE 1-METHYLCYCLOPROPRENE ET D'ALPHA-CYCLODEXTRINE**
[72] WOLAN, ANDRZEJ, PL
[72] BOSIAK, MARIUSZ, PL
[72] PAKULSKI, MARCIN, PL
[72] CZAJKOWSKA, LUCYNA, PL
[72] GURANOWSKA, KATARZYNA ANNA, PL
[72] RADLOWSKA, ROKSANA KATARZYNA, PL
[71] FRESH INSET S.A., PL
[85] 2020-10-26
[86] 2019-04-26 (PCT/EP2019/060816)
[87] (WO2019/207146)
[30] PL (P.425413) 2018-04-27
[30] PL (P.425414) 2018-04-27
[30] PL (P.425415) 2018-04-27

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[51] **Int.Cl. A61K 31/191 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **MAGNESIUM THREONATE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE THREONATE DE MAGNESIUM ET UTILISATIONS ASSOCIEES**
[72] LIU, GUOSONG, US
[72] MAO, FEI, US
[72] WEINGER, JASON GREGORY, US
[71] NEUROCENTRIA, INC., US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028903)
[87] (WO2019/209943)
[30] US (62/662,756) 2018-04-25

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[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 8/9789 (2017.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] FR
[54] **EXTRACT OF SHELLS OF THEOBROMA CACAO BEANS FOR CONTROLLING ROSACEA AND SKIN REDNESS**
[54] **EXTRAIT DE COQUES DE FEVES DE THEOBROMA CACAO POUR LUTTER CONTRE LA ROSACEE ET LES ROUGEURS CUTANEES**
[72] ARIES, MARIE FRANCOISE, FR
[72] POIGNY, STEPHANE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2020-10-26
[86] 2019-05-03 (PCT/EP2019/061448)
[87] (WO2019/211470)
[30] FR (1853865) 2018-05-04

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[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01) E06B 3/663 (2006.01)**
[25] EN
[54] **ASYMMETRICAL VACUUM-INSULATED GLAZING UNIT**
[54] **UNITE DE VITRAGE ISOLANT SOUS VIDE ASYMETRIQUE**
[72] BEN TRAD, ABDERRAZEK, BE
[72] JEANFILS, JULIEN, BE
[72] SCHNEIDER, PIERRE, FR
[71] AGC GLASS EUROPE, BE
[71] AGC INC., JP
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA, BR
[85] 2020-10-26
[86] 2019-05-13 (PCT/EP2019/062180)
[87] (WO2019/219590)
[30] EP (18172117.6) 2018-05-14

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[13] A1
[51] **Int.Cl. B60P 1/48 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **LOADING ARM ASSEMBLY FOR A LOAD-HANDLING VEHICLE FOR LOADING ISO CONTAINERS AND FOR LOADING TRANSPORTATION CONTAINERS HAVING A HOOK**
[54] **ENSEMBLE BRAS DE CHARGEMENT CONCU POUR UN VEHICULE A SUPERSTRUCTURE INTERCHANGEABLE POUR PERMETTRE LE CHARGEMENT DE CONTENEURS ISO ET DE CONTENANTS DE TRANSPORT AVEC UN CROCHET**
[72] NEWSTEAD, MICHAEL, AU
[72] BROWNE, JAMES, AU
[72] FIORINOTTO, OSCAR, AU
[71] THE DYNAMIC ENGINEERING SOLUTION PTY LTD, AU
[85] 2020-10-26
[86] 2019-06-05 (PCT/EP2019/064646)
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[30] DE (10 2018 113 510.6) 2018-06-06

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/04 (2012.01) G06Q 50/02 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **INTERACTION MANAGEMENT IN AN ONLINE AGRICULTURAL SYSTEM**
[54] **GESTION D'INTERACTION DANS UN SYSTEME AGRICOLE EN LIGNE**
[72] PERRY, DAVID PATRICK, US
[72] KNIGHT, BARRY LOYD, US
[72] JECK, ERIC MICHAEL, US
[72] RAYMOND, RACHEL ARIEL, US
[72] RAJDEV, NEAL HITESH, US
[72] VON MALTZAHN, GEOFFREY ALBERT, US
[72] BERENDES, ROBERT, US
[72] POST, NATHAN, US
[72] SHEETS-POLING, PHILIP GABRIEL, US
[72] CONNOR, RODNEY, US
[72] HENNEK, JONATHAN, US
[72] MULLINS, EAN SHAUGHNESSY WAHL, US
[72] KLEIN, KEARNEY, US
[72] SIDORSKY, MISHA, US
[72] CRESPO, FRANK, US
[72] LI, JACQUELINE, US
[72] WONG, JUSTIN Y.H., US
[72] BIRTWISTLE, BRIAN, US
[72] HALL, MICHAEL, US
[72] LUTHER, ANDREW, US
[72] HOOPES, LISA, US
[71] INDIGO AG, INC., US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028909)
[87] (WO2019/209947)
[30] US (62/662,209) 2018-04-24
[30] US (62/668,247) 2018-05-07
[30] US (62/703,846) 2018-07-26

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[51] **Int.Cl. B60P 1/48 (2006.01) B60P 1/64 (2006.01)**
[25] EN
[54] **LOADING ARM ASSEMBLY FOR A LOAD-HANDLING VEHICLE**
[54] **ENSEMBLE BRAS DE CHARGEMENT CONCU POUR UN VEHICULE A SUPERSTRUCTURE INTERCHANGEABLE**
[72] NEWSTEAD, MICHAEL, AU
[72] BROWNE, JAMES, AU
[72] FIORINOTTO, OSCAR, AU
[71] THE DYNAMIC ENGINEERING SOLUTION PTY LTD, AU
[85] 2020-10-26
[86] 2019-06-05 (PCT/EP2019/064688)
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[30] DE (10 2018 113 511.4) 2018-06-06

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[51] **Int.Cl. B09B 3/00 (2006.01) G06Q 50/26 (2012.01) B01F 9/00 (2006.01) B01F 13/10 (2006.01) B01F 15/00 (2006.01) G01G 11/00 (2006.01) G05D 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING WASTE AND FOR DOCUMENTING WASTE MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION ET DE DOCUMENTATION DE LA GESTION DES DECHETS**
[72] ISHAM, PAUL, US
[72] MEYER, BENJAMIN, US
[72] SPRING, MARSHALL, US
[72] HEFNER, CORBETT, US
[72] FINCH, WILLIAM, US
[71] INDUSTRIAL WASTE PROCESSORS, LLC, US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028922)
[87] (WO2019/209958)
[30] US (62/662,279) 2018-04-25

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[13] A1
[51] **Int.Cl. G06Q 20/34 (2012.01) H04L 29/06 (2006.01) G06Q 20/02 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPLEMENTING A VIRTUAL SMART CARD SERVICE**
[54] **PROCEDE ET SYSTEME DE MISE EN □UVRE D'UN SERVICE DE CARTES A PUCE VIRTUELLES**
[72] TABAK, DANNY, FR
[72] HUGO, DIDIER, FR
[72] DER-KRIKORIAN, ANTHONY, FR
[72] GROSMARK, BORIS, FR
[72] COHEN, ALON, FR
[72] PAERT, JONAS, FR
[71] THALES DIS FRANCE SA, FR
[85] 2020-10-26
[86] 2019-05-16 (PCT/EP2019/062681)
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[30] EP (18305632.4) 2018-05-24

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[13] A1
[51] **Int.Cl. B60P 7/13 (2006.01)**
[25] EN
[54] **DEVICE FOR FIXING A CONTAINER ON THE LOADING AREA OF A VEHICLE**
[54] **DISPOSITIF PERMETTANT DE FIXER UN CONTENEUR SUR LA SURFACE DE CHARGEMENT D'UN VEHICULE**
[72] NEWSTEAD, MICHAEL, AU
[72] BROWNE, JAMES, AU
[72] FIORINOTTO, OSCAR, AU
[71] THE DYNAMIC ENGINEERING SOLUTION PTY LTD, AU
[85] 2020-10-26
[86] 2019-06-05 (PCT/EP2019/064644)
[87] (WO2019/234096)
[30] DE (10 2018 113 778.8) 2018-06-08

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR FLUID DELIVERY**
[54] **APPAREIL ET SYSTEME POUR LA DISTRIBUTION DE FLUIDE**
[72] GRANT, KEVIN L., US
[72] LANIGAN, RICHARD J., US
[72] ADAMS, CORY L., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028929)
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[30] US (62/662,018) 2018-04-24

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[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/42 (2006.01) A61P 31/14 (2006.01) C07K 1/22 (2006.01) C07K 16/46 (2006.01) C12N 7/00 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/569 (2006.01) C07K 14/18 (2006.01)**
[25] EN
[54] **POTENT ZIKA VIRUS-SPECIFIC AND CROSS-NEUTRALIZING MONOCLONAL ANTIBODIES TO ZIKA AND DENGUE VIRUSES FOLLOWING ZIKV INFECTION OR VACCINATION**
[54] **ANTICORPS MONOCLONAUX PUISSANTS DE NEUTRALISATION CROISEE ET SPECIFIQUES DU VIRUS ZIKA, DIRIGES CONTRE LES VIRUS ZIKA ET DE LA DENGUE APRES UNE INFECTION A VIRUS ZIKA (ZIKV) OU UNE VACCINATION CONTRE ZIKV**
[72] KREBS, SHELLY, US
[72] DONOFRIO, GINA, US
[72] DUSSUPT, VINCENT, US
[72] MODJARRAD, KAYVON, US
[72] BAROUCH, DAN, US
[72] JARMAN, III, RICHARD G., US
[72] MICHAEL, NELSON L., US
[72] JOYCE, GORDON, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[71] THE BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[71] THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE ARMY, US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028952)
[87] (WO2019/209974)
[30] US (62/662,211) 2018-04-24
[30] US (62/697,347) 2018-07-12

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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 1/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **OPTIMIZED ANTI-TL1A ANTIBODIES**
[54] **ANTICORPS ANTI-TL1A OPTIMISES**
[72] WATKINS, JEFFRY D., US
[72] DICKERSON, CINDY T., US
[72] WATKINS, J. MONTY, US
[72] MCNEELEY, PATRICIA, US
[71] PROMETHEUS BIOSCIENCES, INC., US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/028987)
[87] (WO2019/209995)
[30] US (62/662,605) 2018-04-25
[30] US (62/756,494) 2018-11-06

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[13] A1
[51] **Int.Cl. A61K 49/22 (2006.01)**
[25] EN
[54] **FREEZE-DRIED FORMULATION FOR GAS-FILLED MICROVESICLES**
[54] **FORMULATION LYOPHILISEE POUR MICROVESICULES REMPLIES DE GAZ**
[72] LASSUS, ANNE, CH
[72] GORGERAT, STEPHANE, CH
[72] YAN, FENG, CH
[72] GUILLOT, CHRISTIAN, CH
[72] BROCHOT, JEAN, CH
[71] BRACCO SUISSE SA, CH
[85] 2020-10-26
[86] 2019-07-05 (PCT/EP2019/068098)
[87] (WO2020/008031)
[30] US (16/028,536) 2018-07-06
[30] US (18/260,894) 2019-01-29

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[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 31/7088 (2006.01) A61K 38/45 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR GENOME EDITING**
[54] **PROCEDES ET COMPOSITIONS POUR L'EDITION GENOMIQUE**
[72] WATSON, ANDRE RONALD, US
[72] FOSTER, CHRISTIAN, US
[72] LIN, SHUAILIANG, US
[71] LIGANDAL, INC., US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/029000)
[87] (WO2019/210005)
[30] US (62/661,992) 2018-04-24
[30] US (62/685,240) 2018-06-14

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[51] **Int.Cl. A61F 2/60 (2006.01) A61B 17/3209 (2006.01) A61B 17/56 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61F 2/38 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **IMPLANTS AND METHODS OF USE AND ASSEMBLY**
[54] **IMPLANTS ET PROCEDES D'UTILISATION ET D'ASSEMBLAGE**
[72] LEE, DANIEL, US
[72] DACOSTA, ALBERT, US
[72] BARMES, FRANK, US
[72] DOGUE, JOSEPH, US
[72] OBERT, RICHARD, US
[72] PAXSON, ROBERT DAVID, US
[71] PARAGON 28, INC., US
[85] 2020-10-23
[86] 2019-04-24 (PCT/US2019/029009)
[87] (WO2020/013901)
[30] US (62/661,945) 2018-04-24

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[13] A1
[51] **Int.Cl. A61C 3/12 (2006.01)**
[25] EN
[54] **BRASSIERE**
[54] **SOUTIEN-GORGE**
[72] MARTINEZ ALONSO, NATALIA, ES
[71] CHIC BACK, S.L., ES
[85] 2020-10-26
[86] 2019-03-19 (PCT/ES2019/070183)
[87] (WO2019/193223)
[30] ES (U201830468) 2018-04-05

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[13] A1
[51] **Int.Cl. B65D 27/00 (2006.01) B31B 70/00 (2017.01) B65D 27/16 (2006.01) B65D 27/34 (2006.01)**
[25] EN
[54] **CONFORMABLE CORRUGATED MAILER**
[54] **EMBALLAGE ONDULE ADAPTABLE POUR ENVOI POSTAL**
[72] SIMPKINS, KEVIN M., US
[72] MATSUBA, YOKO, JP
[71] WESTROCK SHARED SERVICES, LLC, US
[85] 2020-10-23
[86] 2019-04-25 (PCT/US2019/029090)
[87] (WO2019/210046)
[30] US (62/662,288) 2018-04-25
[30] US (62/669,089) 2018-05-09

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[13] A1
[51] **Int.Cl. E21B 31/18 (2006.01)**
[25] EN
[54] **LATCH TOOL**
[54] **OUTIL DE VERROUILLAGE**
[72] MINNIS, ANDRE, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2020-10-26
[86] 2019-03-15 (PCT/GB2019/050728)
[87] (WO2019/207280)
[30] GB (1806838.7) 2018-04-26

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[13] A1
[51] **Int.Cl. A61B 17/86 (2006.01)**
[25] EN
[54] **ACTIVE COMPRESSION APPARATUS, METHODS OF ASSEMBLY AND METHODS OF USE**
[54] **APPAREIL DE COMPRESSION ACTIVE, PROCEDES D'ASSEMBLAGE ET PROCEDES D'UTILISATION**
[72] PETERSON, ALEX, US
[72] SAVAGE, DANIEL S., US
[72] HINDRICHS, PAUL J., US
[72] PALMER, ANDREW K., US
[72] BRENZEL, MICHAEL P., US
[72] OGILVIE, WILLIAM F., US
[71] ACTIVORTHO, INC., US
[85] 2020-05-29
[86] 2018-12-04 (PCT/US2018/063915)
[87] (WO2019/113115)
[30] US (15/831,212) 2017-12-04
[30] US (15/945,683) 2018-04-04

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[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **PROCESS FOR SYNTHESISING METHANOL**
[54] **PROCEDE DE SYNTHESE DE METHANOL**
[72] EARLY, SIMON ROBERT, GB
[72] TURNBULL, DAVID MCGREGOR, NZ
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
[85] 2020-10-26
[86] 2019-04-16 (PCT/GB2019/051075)
[87] (WO2019/220073)
[30] GB (1808019.2) 2018-05-17

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[13] A1
[51] **Int.Cl. A61K 38/21 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATING TO THE TREATMENT OF DISEASES**
[54] **COMPOSITIONS ET METHODES ASSOCIEES AU TRAITEMENT DE MALADIES**
[72] STIMSON, WILLIAM, GB
[72] MCKENZIE, CHRISTOPHER, GB
[71] ALFACYTE LIMITED, GB
[85] 2020-10-26
[86] 2019-06-03 (PCT/GB2019/051533)
[87] (WO2019/229480)
[30] GB (1809005.0) 2018-06-01
[30] GB (1903608.6) 2019-03-15

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[13] A1
[51] **Int.Cl. G01N 33/564 (2006.01) A61K 39/12 (2006.01) A61K 39/42 (2006.01) C07K 14/18 (2006.01) C07K 17/00 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **MULTIANALYTE IMMUNOASSAY FOR ZIKA VIRUS AND USES THEREOF**
[54] **DOSAGE IMMUNOLOGIQUE A ANALYTES MULTIPLES POUR VIRUS ZYKA ET SES UTILISATIONS**
[72] PRONYK, RUSSELL, CA
[72] ERICHSEN, SAMANTHA, CA
[71] EMERGENT BIOSOLUTIONS CANADA INC., CA
[85] 2020-10-26
[86] 2019-04-26 (PCT/IB2019/053463)
[87] (WO2019/207552)
[30] US (62/663,972) 2018-04-27

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[13] A1
[51] **Int.Cl. E06B 7/02 (2006.01)**
[25] EN
[54] **TRANSPARENT, VENTILATING, WINDPROOF, RAINPROOF, AND INSECT-PROOF COMPOSITE WINDOW**
[54] **FENETRE COMPOSITE TRANSPARENTE, VENTILEE, IMPERMEABLE AU VENT, IMPERMEABLE A LA PLUIE ET A L'EPREUVE DES INSECTES**
[72] ZHOU, YI JUN, CN
[71] ZIJUN HE, ZIJUN, CA
[85] 2020-10-19
[86] 2019-05-11 (PCT/CN2019/086501)
[87] (WO2019/218945)
[30] CN (201820703840.8) 2018-05-12
[30] CN (201810581245.6) 2018-06-07

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[13] A1
[51] **Int.Cl. B26D 1/04 (2006.01) B26D 1/46 (2006.01) B26D 1/48 (2006.01) B26D 3/16 (2006.01) B26D 7/12 (2006.01) B26D 1/00 (2006.01)**
[25] EN
[54] **A METHOD, PLANT AND STRUCTURE OF BLADE FOR CUTTING LOGS OF PAPER AND SIMILAR MATERIAL**
[54] **PROCEDE, INSTALLATION ET STRUCTURE DE LAME POUR LA COUPE DE ROULEAUX DE PAPIER ET DE MATERIAU SIMILAIRE**
[72] ARRIGHI, FRANCESCO, IT
[71] ARRIGHI, FRANCESCO, IT
[85] 2020-10-26
[86] 2019-04-29 (PCT/IB2019/053506)
[87] (WO2019/207556)
[30] IT (102018000004970) 2018-04-27

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[13] A1
[51] **Int.Cl. A01G 9/24 (2006.01) A01G 9/20 (2006.01) A01G 31/00 (2018.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING CONTROLLED ENVIRONMENT TO GROW PLANTS AND APPARATUS THEREFOR**
[54] **SYSTEME POUR FOURNIR UN ENVIRONNEMENT CONTROLE POUR LA CULTURE DE PLANTES ET APPAREIL ASSOCIE**
[72] BUJ, DENIS, CA
[71] BUJ, DENIS, CA
[85] 2020-10-26
[86] 2019-04-24 (PCT/IB2019/000524)
[87] (WO2019/207361)
[30] US (62/661,747) 2018-04-24
[30] US (16/393,911) 2019-04-24

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[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF WORKING A FIELD AND DETERMINING A LOCATION OF IMPLEMENTS WITHIN A FIELD**
[54] **SYSTEMES ET PROCEDES DE TRAVAIL D'UN CHAMP ET DE DETERMINATION D'UN EMPLACEMENT D'OUTILS DANS UN CHAMP**
[72] ALLGAIER, RYAN, US
[71] PRECISION PLANTING LLC, US
[85] 2020-10-26
[86] 2019-06-17 (PCT/IB2019/055021)
[87] (WO2020/016677)
[30] US (62/700,276) 2018-07-18

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[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **METHOD FOR DESIGNING A DENTAL COMPONENT**
[54] **PROCEDE DE REALISATION D'UN COMPOSANT DENTAIRE**
[72] SCHNEIDER, SASCHA, DE
[72] THIEL, FRANK, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[71] DENTSPLY SIRONA INC., US
[85] 2020-10-26
[86] 2019-06-17 (PCT/EP2019/065849)
[87] (WO2019/243241)
[30] DE (10 2018 210 258.9) 2018-06-22

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[13] A1
[51] **Int.Cl. C08J 9/36 (2006.01) B82Y 30/00 (2011.01) B81C 1/00 (2006.01) C08J 7/04 (2020.01) C12N 11/08 (2020.01) C08J 9/00 (2006.01)**
[25] FR
[54] **METHOD FOR DEPOSITING NANO-OBJECTS ON THE SURFACE OF A POLYMER GEL WITH UNIFORM RIGIDITY**
[54] **PROCEDE DE DEPOT DE NANOOBJETS A LA SURFACE D'UN GEL POLYMERIQUE DE RIGIDITE UNIFORME**
[72] NICOLAS, ALICE, FR
[72] MIGDAL, CAMILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2020-09-09
[86] 2019-03-12 (PCT/EP2019/056168)
[87] (WO2019/175177)
[30] FR (18 52101) 2018-03-12

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[51] **Int.Cl. B65D 23/08 (2006.01)**
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[54] **IMPACT-PROTECTION DEVICE CAPABLE OF BEING PROVIDED ON A BOTTLE**
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[72] RODRIGUES, LAURENT, FR
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[54] **COMPOSITIONS A BASE DE SEVE D'ERABLE, DE JUS DE LEGUMES OU DE FRUITS ET LEURS PROCEDES DE FABRICATION**
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[72] FADI, ALI, CA
[71] LES TECHNOLOGIES CLDUFOUR INC., CA
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[54] **PROCEDE DE REALISATION D'UN GABARIT DE PERCAGE**
[72] SCHNEIDER, SASCHA, DE
[72] THIEL, FRANK, DE
[72] SCHWOTZER, AXEL, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[71] DENTSPLY SIRONA INC., US
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[54] **SYSTEME DE CONSTRUCTION AU MOYEN D'ELEMENTS DE BETON PREFABRIQUE**
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[71] EXSITU, S.L., ES
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[72] CORR, STUART, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
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[54] **ANTICORPS ANTI-OXMIF/ANTI-CD3 POUR LE TRAITEMENT DE CANCERS**
[72] THIELE, MICHAEL ROBERT, AT
[72] SCHINAGL, ALEXANDER, AT
[72] KERSCHBAUMER, RANDOLF, AT
[71] ONCOONE RESEARCH & DEVELOPMENT GMBH, AT
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[54] **PROTEINES DE LIAISON DU RECEPTEUR CANNABINOIDE DE TYPE 1 (CB1) ET LEURS UTILISATIONS**
[72] BANERJEE, ANTARA, US
[72] FANJUL, ANDREA, US
[72] HOEY, ROBERT J., US
[72] SACHEN, KACEY, US
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[54] **RACCORDS POUR SYSTEMES DE PLAFONDS SUSPENDUS**
[72] ENGELEN, VICKY, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **SYSTEME DE VAPORISATION MOLECULAIRE D'UNE SUBSTANCE LIQUIDE**
[72] BRANDIMARTE, BRUNO, IT
[71] NUTRINTECH LTD, GB
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[54] **AGENT DE VISUALISATION POUR VISUALISER L'HYALURONANE**
[72] MELLES, GERRIT REINOLD JACOB, NL
[71] FENELON HOLLAND HOLDING B.V., NL
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[54] **ARTICLES THERMOPLASTIQUES MULTICOUCHE PRESENTANT UNE APTITUDE AU RECYCLAGE AMELIOREE**
[72] BEUERLE, FREDERICK C., US
[72] WITHAM, DAN, US
[72] BRACE, JOHN, US
[71] AMCOR RIGID PACKAGING USA, LLC, US
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[54] **INDUCTEURS DE SURFACE ELEVEE POUR LA PRODUCTION D'AGREGATS CIMENTAIRES**
[72] ALDYKIEWICZ, ANTONIO J., JR., US
[72] RIEDER, KLAUS ALEXANDER, US
[72] MORGAN, MICHAEL D., US
[72] PIRES, DJASSI-BIKO RODRIGUES, US
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[54] **FORMULATIONS DE PRODUITS DE SOINS PERSONNELS AVEC DEPOT DE PRODUIT REGLABLE**
[72] REINES, SABINE, CA
[71] KDC US HOLDINGS INC., US
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[54] **METHODES D'EVALUATION DE LA SPECIFICITE D'OUTILS D'INGENIERIE CELLULAIRE**
[72] URNOV, FYODOR, US
[72] STAMATOYANNOPOULOS, JOHN A., US
[72] NANDAKUMAR, VIVEK, US
[72] ZRAZHEVSKIY, PAVEL, US
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[54] **CIMENT DURABLE AUTO-REGENERANT**
[72] AL-YAMI, ABDULLAH, SA
[72] WAGLE, VIKRANT, SA
[72] ALBAHRANI, HUSSAIN, SA
[72] ALSAIHATI, ZAINAB, SA
[72] SANTAGATI, ANTONIO, SA
[72] AL-ALQAM, MOHAMMAD, SA
[72] ALSAFRAN, ALI, SA
[72] ALHELAL, ABDULAZIZ, SA
[72] ALHARETH, NASSER, SA
[72] AL-AWADH, ABDULLAH, SA
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[54] **DERIVES DE TETRAHYDROPYRANOOXAZINE PRESENTANT UNE ACTIVITE INHIBITRICE SELECTIVE DE BACE1**
[72] TADANO, GENTA, JP
[72] SUZUKI, SHINJI, JP
[72] KUSAKABE, KEN-ICHI, JP
[71] SHIONOGI & CO., LTD., JP
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[54] **METHOD AND APPARATUS FOR AUTONOMOUS INJECTABLE LIQUID DISPENSING**
[54] **PROCEDE ET APPAREIL POUR DISTRIBUTION AUTONOME DE LIQUIDE INJECTABLE**
[72] FONTENOT, DAVID, US
[72] METZENTHIN, JASON, US
[71] PRO-JECT CHEMICALS, INC., US
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[54] **VELO D'EXERCICE**
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[72] DUBBERLEY, MATT, US
[72] BURGESS, PATRICK, US
[71] COULTER VENTURES LLC, US
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[54] **COMPOSE A SUBSTITUTION OXO**
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[72] KOIKE, SACHIKO, JP
[72] FUKAYA, TAKAYUKI, JP
[72] UESUGI, SHUNICHIRO, JP
[72] MIZUSHIMA, SHINGO, JP
[72] SUDA, HITOSHI, JP
[72] MIZUKAMI, YUKI, JP
[72] IKUMA, YOHEI, JP
[72] SUNAZUKA, TOSHIAKI, JP
[72] NOGUCHI, YOSHIHIKO, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **POIGNEE DE TRACTION AMELIOREE POUR UNE VALISE ROULANTE**
[72] TAYNE, ADRIAN, US
[71] BECKLIN HOLDINGS, INC., US
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[54] **EDITION DE GENES A BASE DE TALEN ET DE CRISPR/CAS POUR LA TYROSINE KINASE DE BRUTON**
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[72] CLOUGH, COURTNEE, US
[72] KHAN, IRAM F., US
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[54] **DISPOSITIF D'ARRET D'ECOULEMENT DE GAZ**
[72] GAMARD, STEPHAN CHRISTOPHE FERNAND, US
[72] DAVIES, CHRISTOPHER HUGH, US
[71] PRAXAIR TECHNOLOGY, INC., US
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[54] **PROCEDE DE PREPARATION DE COMPOSE NITRILE AROMATIQUE**
[72] NAGAHAMA, MASAKI, JP
[72] OOMIYA, HIDEKI, BE
[72] OKADO, DAIKI, JP
[72] TANIIKE, HIROTSUGU, JP
[71] API CORPORATION, JP
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[54] **DYNODE DE PREMIER ETAGE ET TUBE PHOTOMULTIPLICATEUR**
[72] NISHIMURA, YUKI, JP
[72] KOTANI, MASAHIRO, JP
[72] ICHINOMIYA, TAKANORI, JP
[71] HAMAMATSU PHOTONICS K.K., JP
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[54] **FOOD CONTAINER AND DISPENSER**
[54] **RECIPIENT DISTRIBUTEUR POUR ALIMENTS**
[72] SHALOWITZ, JOEL, US
[71] SHALOWITZ, JOEL, US
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[54] **FEUILLE EN FIBRE DE CHARBON ACTIF POUR RESERVOIR D'AUTOMOBILE**
[72] IMAI, DAISUKE, JP
[72] WATANABE, YOSHIHIDE, JP
[72] TAKADA, YUU, JP
[72] OZAWA, SHUNSUKE, JP
[72] YOSHIDA, CHIE, JP
[72] FUJINO, KENICHI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
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[54] **CLADDING PANELS AND THEIR METHODS OF ASSEMBLY**
[54] **PANNEAUX DE REVETEMENT ET LEURS PROCEDES D'UTILISATION**
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[71] ZOABI, ABDALLA, IL
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[54] **METHODS AND SYSTEMS FOR IDENTIFYING SUBJECTS FOR ENROLLMENT IN CLINICAL TRIALS**
[54] **PROCEDES ET SYSTEMES D'IDENTIFICATION DE SUJETS A IMPLIQUER DANS DES ESSAIS CLINIQUES**
[72] JONES, STEVE, GB
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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[54] **POLYMERIC DYES AND USES THEREOF**
[54] **COLORANTS POLYMERES ET LEURS UTILISATIONS**
[72] PETISCE, JAMES R., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **TETZ-PROTEINS AND PRION-LIKE PROTEINS AND ASSOCIATED METHODS**
[54] **PROTEINES TETZ ET PROTEINES DE TYPE PRION, ET METHODES ASSOCIEES**
[72] TETS, VIKTOR VENIAMINOVICH, US
[72] TETS, GEORGY VIKTOROVICH, US
[71] TETS, VIKTOR VENIAMINOVICH, US
[71] TETS, GEORGY VIKTOROVICH, US
[85] 2020-10-26
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[30] US (62/664,670) 2018-04-30

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[72] ZHAO, DONGHUI, US
[72] ZOITOS, BRUCE K., US
[72] ANDREJCAK, MICHAEL J., US
[72] HAMILTON, JASON M., US
[71] UNIFRAX I LLC, US
[85] 2020-10-26
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[30] US (15/990,237) 2018-05-25

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[51] **Int.Cl. G01N 21/47 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING DEPTH AND CONCENTRATION OF A SUBSURFACE FLUORESCENT OBJECT**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LA PROFONDEUR ET LA CONCENTRATION D'UN OBJET FLUORESCENT SOUS LA SURFACE**
[72] PAULSEN, KEITH D., US
[72] ROBERTS, DAVID W., US
[72] WIRTH, DENNIS, US
[72] WILSON, BRIAN C., CA
[72] SIBAI, MIRA, CA
[71] THE TRUSTEES OF DARTMOUTH COLLEGE, US
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2020-10-26
[86] 2019-04-26 (PCT/US2019/029421)
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[54] **SYSTEMS AND METHODS FOR UNIFYING STATISTICAL MODELS FOR DIFFERENT DATA MODALITIES**
[54] **SYSTEMES ET PROCEDES D'UNIFICATION DE MODELES STATISTIQUES POUR DIFFERENTES MODALITES DE DONNEES**
[72] ROTHBERG, JONATHAN M., US
[72] ESER, UMUT, US
[72] MEYER, MICHAEL, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2020-10-26
[86] 2019-05-08 (PCT/US2019/031255)
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[30] US (62/671,068) 2018-05-14
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[51] **Int.Cl. C12N 15/35 (2006.01) C12N 15/113 (2010.01) A61K 35/76 (2015.01) A61K 38/16 (2006.01) A61K 48/00 (2006.01) A61P 21/00 (2006.01) C07K 14/015 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/12 (2006.01) C12N 15/864 (2006.01)**
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[54] **AAV CAPSIDS IDENTIFIED BY IN VIVO LIBRARY SELECTION**
[54] **CAPSIDES DE VAA IDENTIFIES PAR LA SELECTION D'UNE BIBLIOTHEQUE IN VIVO**
[72] ESTEVES, MIGUEL SENA, US
[72] CHOUDHURY, SOURAV ROY, US
[72] WAGNER, KATHRYN RAE, US
[72] GREEN, JENNIFER GIFFORD, US
[72] BATISTA, ANA RITA, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2020-10-26
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[30] US (62/663,988) 2018-04-27

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[51] **Int.Cl. H01F 19/00 (2006.01) H04N 21/00 (2011.01) H04N 21/61 (2011.01) H01F 19/06 (2006.01) H04B 3/00 (2006.01) H04B 3/28 (2006.01) H04B 3/30 (2006.01) H04B 3/56 (2006.01) H04N 7/00 (2011.01) H04N 7/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SUPPRESSING RADIOFREQUENCY NOISE**
[54] **SYSTEMES ET PROCEDES DE SUPPRESSION DE BRUIT RADIOFREQUENCE**
[72] ALKAN, ERDOGAN, US
[72] MARTINEAU, ANDRE, US
[71] PPC BROADBAND, INC., US
[85] 2020-10-26
[86] 2019-04-08 (PCT/US2019/026288)
[87] (WO2019/226241)
[30] US (62/674,923) 2018-05-22

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[54] **BASAL MEDIA FOR GROWING NK-92 CELLS**
[54] **MILIEUX DE BASE POUR LA CULTURE DE CELLULES NK-92**
[72] ANDERSON, RICHARD JOHN, US
[72] GOULDING, JOHN CHARLES, US
[71] NANTKWEST, INC., US
[85] 2020-10-26
[86] 2019-05-20 (PCT/US2019/033066)
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[30] US (62/674,729) 2018-05-22

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[51] **Int.Cl. B25H 1/00 (2006.01) B25H 3/00 (2006.01) B25H 5/00 (2006.01) B62B 3/00 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **LIQUID DISPOSAL APPARATUS FOR TRANSFER CARTS**
[54] **APPAREIL D'ELIMINATION DE LIQUIDE POUR CHARIOTS DE TRANSFERT**
[72] ST-JEAN, HUGO, CA
[72] GAUDREAU, LOUIS-PHILLIPE, CA
[72] ELIE-DIT-COSAQUE, XAVIER, CA
[72] ESTEVEZ, JAIME, CA
[72] TREMBLAY, LUC, CA
[71] STERIS INC., US
[85] 2020-10-26
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[54] **ANTI-MSR1 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-MSR1 ET LEURS PROCEDES D'UTILISATION**
[72] KYRATSOUS, CHRISTOS, US
[72] NITTOLI, THOMAS, US
[72] ZUMSTEG, ANNA, US
[72] GROMADA, JESPER, US
[72] GUSAROVA, VIKTORIA, US
[72] HAN, AMY, US
[72] HAXHINASTO, SOKOL, US
[72] MURPHY, ANDREW J., US
[72] OLSON, WILLIAM, US
[72] SLEEMAN, MATTHEW, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-10-26
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[25] EN
[54] **METHOD FOR INCREASING STABILITY OF PHYTASE IN A SOLID COMPOSITION AND A GRANULE COMPOSITION COMPRISING PHOSPHATE AND PHYTASE**
[54] **PROCEDE D'AUGMENTATION DE LA STABILITE DE LA PHYTASE DANS UNE COMPOSITION SOLIDE ET COMPOSITION DE GRANULES COMPRENANT DU PHOSPHATE ET DE LA PHYTASE**
[72] BECKER, NATHANIEL T., US
[72] JOHNSON, MARILIZ ORTIZ, US
[72] KALOGRIDES, AMANDA JANE, US
[72] PEPSIN, MICHAEL J., US
[72] REICHMAN, MICHAEL, US
[71] DANISCO US INC, US
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[54] **INOCULANTS BACTERIENS**
[72] FRANCO, CHRISTOPHER MILTON MATHEW, AU
[71] THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA, AU
[85] 2020-10-27
[86] 2018-04-27 (PCT/AU2018/050387)
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[30] AU (2017901523) 2017-04-27
[30] US (62/568,763) 2017-10-05

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[51] **Int.Cl. G06N 20/00 (2019.01)**
[25] EN
[54] **TRAINING OR USING SETS OF EXPLAINABLE MACHINE-LEARNING MODELING ALGORITHMS FOR PREDICTING TIMING OF EVENTS**
[54] **FORMATION OU UTILISATION D'ENSEMBLES D'ALGORITHMES DE MODELISATION D'APPRENTISSAGE MACHINE SUSCEPTBLES D'ETRE EXPLIQUES POUR PREDIRE LA SYNCHRONISATION D'EVENEMENTS**
[72] DUGGER, JEFFERY, US
[72] MCBURNETT, MICHAEL, US
[71] EQUIFAX INC., US
[85] 2020-10-26
[86] 2019-05-10 (PCT/US2019/031806)
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[30] US (62/669,558) 2018-05-10

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[25] EN
[54] **RAAV-MEDIATED NUCLEASE-ASSOCIATED VECTOR INTEGRATION (RAAV-NAVI)**
[54] **INTEGRATION DE VECTEUR ASSOCIEE A UNE NUCLEASE MEDIEE PAR RAAV (RAAV-NAVI)**
[72] BROWN, ALEXANDER, US
[72] GAO, GUANGPING, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2020-10-26
[86] 2019-04-29 (PCT/US2019/029659)
[87] (WO2019/212973)
[30] US (62/664,198) 2018-04-29

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[51] **Int.Cl. E04H 13/00 (2006.01) A61G 17/00 (2006.01)**
[25] EN
[54] **IMPROVED INTERNMENT SYSTEM**
[54] **SYSTEME D'ENTERREMENT AMELIORE**
[72] KAMALEDINE, AHMAD, AU
[71] KAMALEDINE, AHMAD, AU
[85] 2020-10-27
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[51] **Int.Cl. B01F 17/00 (2006.01) A01N 25/00 (2006.01) A01N 25/30 (2006.01) B01F 17/38 (2006.01) C08K 5/05 (2006.01) C11D 1/02 (2006.01) C11D 1/38 (2006.01) C11D 1/66 (2006.01) C11D 1/72 (2006.01) C11D 1/94 (2006.01) C11D 3/00 (2006.01)**
[25] EN
[54] **IMPROVED WETTING COMPOSITION**
[54] **COMPOSITION DE MOUILLAGE AMELIOREE**
[72] ROBERTS, RAYMOND JOHN, AU
[71] ADVANCED WETTING TECHNOLOGIES PTY LTD, AU
[85] 2020-10-27
[86] 2018-07-17 (PCT/AU2018/050749)
[87] (WO2019/213687)
[30] AU (2018901548) 2018-05-07

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[51] **Int.Cl. G01R 33/20 (2006.01) G01R 33/28 (2006.01) G01R 33/34 (2006.01) G01R 33/38 (2006.01) G01R 33/383 (2006.01) G01R 33/387 (2006.01) G01R 33/3873 (2006.01) G01R 33/44 (2006.01) G01R 33/48 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **B0 MAGNET METHODS AND APPARATUS FOR A MAGNETIC RESONANCE IMAGING SYSTEM**
[54] **METHODES ET APPAREIL A AIMANT B0 DE SYSTEME D'IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] POOLE, MICHAEL STEPHEN, US
[72] HUGON, CEDRIC, US
[72] MCNULTY, CHRISTOPHER THOMAS, US
[71] HYPERFINE RESEARCH, INC., US
[85] 2020-10-26
[86] 2019-05-20 (PCT/US2019/033090)
[87] (WO2019/226533)
[30] US (62/674,482) 2018-05-21
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[51] **Int.Cl. A01D 34/00 (2006.01) A01D 34/73 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPERATING A ROBOTIC MACHINE IN AN AUTONOMOUS MODE AND A MANUAL MODE**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UNE MACHINE ROBOTISEE DANS UN MODE AUTONOME ET UN MODE MANUEL**
[72] FRICK, ALEXANDER STEVEN, US
[72] CURTIS, AARON YARROW, US
[72] CLARKE, KHARI SEKOU, US
[71] THE TORO COMPANY, US
[85] 2020-10-26
[86] 2019-05-14 (PCT/US2019/032195)
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[30] US (62/676,377) 2018-05-25

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[51] **Int.Cl. B01F 17/00 (2006.01) A01N 25/00 (2006.01) A01N 25/30 (2006.01) B01F 17/38 (2006.01) C08K 5/05 (2006.01) C11D 1/02 (2006.01) C11D 1/38 (2006.01) C11D 1/66 (2006.01) C11D 1/72 (2006.01) C11D 1/94 (2006.01) C11D 3/00 (2006.01)**
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[54] **NOVEL WETTING COMPOSITION**
[54] **NOUVELLE COMPOSITION DE MOUILLAGE**
[72] ROBERTS, RAYMOND JOHN, AU
[71] ADVANCED WETTING TECHNOLOGIES PTY LTD, AU
[85] 2020-10-27
[86] 2018-07-17 (PCT/AU2018/050750)
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[54] **EYE DROPS THAT CURE CATARACTS PRESBYOPIA AND**
[54] **GOUTTES OPHTALMIQUES QUI TRAITENT LA CATARACTE ET LA PRESBYTIE**
[72] CAO, JINAN, AU
[71] CAO, JINAN, AU
[85] 2020-10-27
[86] 2019-04-28 (PCT/AU2019/050379)
[87] (WO2019/210352)
[30] AU (2018901462) 2018-05-01

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[51] **Int.Cl. C12C 5/00 (2006.01) C12C 3/00 (2006.01) C12C 5/02 (2006.01)**
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[54] **A BEER COMPRISING A HOP BITTERING COMPOSITION COMPRISING HUMULINONES**
[54] **BIERE COMPRENANT UNE COMPOSITION AMERISANTE AU HOUBLON COMPRENANT DES HUMULINONES**
[72] JONES, MATTHEW, BLAKE, US
[72] JUDE, HERSHEL JR., US
[72] BUFFIN, BRIAN, PATRICK, US
[72] BERDAHL, DONALD, RICHARD, US
[71] KALAMAZOO HOLDINGS, INC., US
[85] 2020-10-26
[86] 2019-05-21 (PCT/US2019/033215)
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[30] US (62/674,659) 2018-05-22

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[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS FOR AEROPONICS**
[54] **SYSTEMES, PROCEDES ET APPAREIL D'AEROPONIE**
[72] ATWAL, PREET PRITPAL SINGH, CA
[72] STONER, CHRISTOPHER GORDON, CA
[71] AERO ROOT SYSTEMS LTD, CA
[85] 2020-10-27
[86] 2018-05-24 (PCT/CA2018/050605)
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[25] EN
[54] **NEUROSTIMULATION OF MIXED NERVES**
[54] **NEUROSTIMULATION DE NERFS MIXTES**
[72] PARKER, JOHN LOUIS, AU
[72] GMEL, GERRIT EDUARD, CH
[71] SALUDA MEDICAL PTY LTD, AU
[85] 2020-10-27
[86] 2019-04-29 (PCT/AU2019/050384)
[87] (WO2019/204884)
[30] AU (2018901410) 2018-04-27

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[25] EN
[54] **PELLET TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE GRANULES**
[72] CHENARD, ROBERT JOSEPH, CA
[71] CHENARD, ROBERT JOSEPH, CA
[85] 2020-10-27
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[54] **WIRED DOWNHOLE ADJUSTABLE MUD MOTORS**
[54] **MOTEURS A BOUE REGLABLES EN FOND DE TROU CABLES**
[72] CLAUSEN, JEFFERY RONALD, US
[72] MARCHAND, NICHOLAS RYAN, CA
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2020-10-26
[86] 2019-04-29 (PCT/US2019/029753)
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[30] US (62/663,669) 2018-04-27

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[51] **Int.Cl. C12N 5/0783 (2010.01)**
[25] EN
[54] **OPTIMIZATION OF NK-92 CELL GROWTH USING POLOXAMER**
[54] **OPTIMISATION DE LA CROISSANCE DE CELLULES NK-92 A L'AIDE DE POLOXAMERE**
[72] BESSETTE, SHANNYN, US
[72] NGUYEN, DIEMCHI, US
[72] ALI, SYED RAZA, US
[72] SAXENA, MANJU, US
[71] NANTKWEST, INC., US
[85] 2020-10-26
[86] 2019-05-21 (PCT/US2019/033312)
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[30] US (62/674,723) 2018-05-22

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[25] EN
[54] **AUXILIARY CUTTING DEVICE FOR A POWER SAW**
[54] **AGENCEMENT STRUCTURAL MIS EN OEUVRE DANS UN DISPOSITIF AUXILIAIRE DE COUPE POUR SCIE A MOTEUR**
[72] GARCIA, JOAO FRANCISCO GALORO, BR
[72] GARCIA, PEDRO AUGUSTO GALORO, BR
[71] GARCIA, JOAO FRANCISCO GALORO, BR
[71] GARCIA, PEDRO AUGUSTO GALORO, BR
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[86] 2019-04-26 (PCT/BR2019/050152)
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[30] BR (BR202018008800-4) 2018-04-30

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[54] **HYBRID BEARING ASSEMBLIES FOR DOWNHOLE MOTORS**
[54] **ENSEMBLES DE PALIERS HYBRIDES POUR MOTEURS DE FOND DE PUITS**
[72] MARCHAND, NICHOLAS RYAN, CA
[72] CLAUSEN, JEFFERY RONALD, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2020-10-26
[86] 2019-04-29 (PCT/US2019/029754)
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[30] US (62/663,691) 2018-04-27

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[25] EN
[54] **THE USE OF SGC ACTIVATORS AND SGC STIMULATORS FOR THE TREATMENT OF COGNITIVE IMPAIRMENT**
[54] **UTILISATION D'ACTIVATEURS DE LA GCS ET DE STIMULATEURS DE LA GCS POUR LE TRAITEMENT DE DEFICIENCES COGNITIVES**
[72] SANDNER, PETER, DE
[72] PRICKAERTS, JOS, NL
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-27
[86] 2019-04-12 (PCT/EP2019/059390)
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[25] EN
[54] **TISSUE OXYGEN SATURATION DETECTION AND RELATED APPARATUS AND METHODS**
[54] **DETECTION DE LA SATURATION EN OXYGENE TISSULAIRE ET APPAREIL ET PROCEDES ASSOCIES**
[72] WIESE, DANIEL, US
[72] ANDERSON, PAMELA G., US
[72] BABINI, ALESSANDRO, US
[71] WHOOP, INC., US
[85] 2020-10-26
[86] 2019-04-30 (PCT/US2019/029865)
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[30] US (62/665,455) 2018-05-01

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[54] **MASSAGE SHOES WITH COMBINATION ARCH SUPPORT**
[54] **CHAUSSURES DE MASSAGE A SUPPORT DE VOUTE PLANTAIRE COMBINE**
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[71] HEALTH SHOES PLUS, INC., US
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[54] **COMPOSITE TOOTH WITH FRUSTOCONICAL INSERT**
[54] **DENT COMPOSITE AVEC INSERT TRONCONIQUE**
[72] BERTON, GUY, BE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
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[54] **SELF-SUPPORTED DEVICE FOR GUIDING MOTIONS OF A TARGET JOINT**
[54] **DISPOSITIF AUTO-PORTE POUR GUIDER LES MOUVEMENTS D'UNE ARTICULATION CIBLE**
[72] ARZANPOUR, SIAMAK, CA
[72] WOOK PARK, JUNG, CA
[72] PAGE, LIAM, CA
[72] BAZHANOV, NIKITA, CA
[72] DEHGHANI, HOSSEIN, CA
[71] HUMAN IN MOTION ROBOTICS INC., CA
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[54] **MASSAGE INSOLE WITH MULTIPLE SUPPORT REGIONS**
[54] **SEMELLE INTERIEURE DE MASSAGE A MULTIPLES ZONES DE SUPPORT**
[72] WURTZ, JACOB, US
[71] HEALTH SHOES PLUS, INC., US
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[54] **HIGH AFFINITY MONOCLONAL ANTIBODIES (MABS) AGAINST CELL SURFACE EXPRESSED HUMAN CARBONIC ANHYDRASE IX (HCA-IX), AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX A HAUTE AFFINITE (MAB) DIRIGES CONTRE L'ANHYDRASE CARBONIQUE IX HUMAINE EXPRIMEE EN SURFACE CELLULAIRE (HCA-IX), ET UTILISATIONS ASSOCIEES**
[72] LENFERINK, ANNE E.G., CA
[72] O'CONNOR, MAUREEN D., CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **DELIVERY DEVICE AND ADSORBENT**
[54] **DISPOSITIF D'ADMINISTRATION ET ADSORBANT**
[72] NOVAK, MATTHEW, US
[72] MAINZ, EMILIE, US
[72] RINI, CHRISTOPHER, US
[72] ROBERTS, BRUCE, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ANTENNA SYSTEM AND TERMINAL DEVICE**
[54] **SYSTEME D'ANTENNE ET DISPOSITIF TERMINAL**
[72] WANG, HANYANG, CN
[72] WANG, LEI, CN
[72] WANG, YAN, CN
[72] YOU, JIAQING, CN
[72] YU, DONG, CN
[72] XUE, LIANG, CN
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[54] **PREDICTING BIOREACTOR PRODUCT PRODUCTION BASED ON INDEPENDENT OR MULTIVARIATE ANALYSIS OF MULTIPLE PHYSICAL ATTRIBUTES**
[54] **PREDICTION DE PRODUCTION DE PRODUIT DE BIOREACTEUR SUR LA BASE D'UNE ANALYSE INDEPENDANTE OU MULTIVARIEE DE MULTIPLES ATTRIBUTS PHYSIQUES**
[72] HUANG, SHUOHAO, JP
[72] PIGEAU, GARY, CA
[72] RAZVI, AZHER, CA
[71] CENTRE FOR COMMERCIALIZATION OF REGENERATIVE MEDICINE, CA
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[54] **VISUALISATION NUMERIQUE DE PRESCRIPTIONS SAISONNIERES PERIODIQUEMENT MISES A JOUR DE FERTILITE AGRICOLES**
[72] SANGIREDDY, HARISH, US
[72] DZOTSI, KOFIKUMA, US
[72] ARRIAZA, JUAN LOPEZ, US
[72] GATES, JOHN B., US
[71] THE CLIMATE CORPORATION, US
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[54] **ANTIBODY VARIANT COMBINATIONS AND USES THEREOF**
[54] **COMBINAISONS DE VARIANTS D'ANTICORPS ET UTILISATIONS ASSOCIEES**
[72] DE JONG, ROB, NL
[72] BEURSKENS, FRANK, NL
[72] OOSTINDIE, SIMONE, NL
[72] LABRIJN, ARAN FRANK, NL
[72] STRUMANE, KRISTIN, NL
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[54] **HEAT-SEALABLE PAPERBOARD STRUCTURES AND ASSOCIATED PAPERBOARD-BASED CONTAINERS**
[54] **STRUCTURES EN CARTON THERMOSCELLABLES ET RECIPIENTS A BASE DE CARTON ASSOCIES**
[72] PANG, JIEBIN, US
[72] MELTON, NATASHA G., US
[72] PARKER, STEVEN, US
[72] KRUG, TERESA, US
[71] WESTROCK MWV, LLC, US
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[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE VIDEO**
[72] CHEN, XU, CN
[72] AN, JICHENG, CN
[72] ZHENG, JIANHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **THERAPEUTIC GENOME EDITING IN X-LINKED HYPER IGM SYNDROME**
[54] **EDITION THERAPEUTIQUE DU GENOME DANS LE SYNDROME HYPER-IGM LIE AU SEXE**
[72] RAWLINGS, DAVID J., US
[72] THOMSON, DANIEL, US
[72] KHAN, IRAM F., US
[71] SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE), US
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[54] **DEVICE AND METHOD FOR HANDLING OF CAST PRODUCT**
[54] **DISPOSITIF ET PROCEDE DE MANIPULATION D'UN PRODUIT COULE**
[72] ANESBUG, GEIR OLAV, NO
[72] FAGERLIE, JOHN OLAV, NO
[71] NORSK HYDRO ASA, NO
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[25] EN
[54] **SCREENING OF FIXED-POINT COUPLING SITES OF CYSTEINE-MODIFIED ANTIBODY-TOXIN CONJUGATE (TDC)**
[54] **CRIBLAGE DE SITES DE COUPLAGE A POINT FIXE D'UN CONJUGUE ANTICORPS-TOXINE MODIFIE PAR CYSTEINE (TDC)**
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[72] WANG, YIQIAN, CN
[72] ZHUO, SHI, CN
[72] LI, JIE, CN
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[71] SICHUAN BAILI PHARM CO. LTD, CN
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[54] **COMPOSITIONS FOR CHELATING METALS AT LOW TEMPERATURES**
[54] **COMPOSITIONS POUR CHELATION DE METAUX A BASSES TEMPERATURES**
[72] SCHULTZ, MICHAEL K., US
[72] PIGGE, CHRISTOPHER, US
[72] LI, MENGSHI, US
[72] GABR, MOUSTAFA, US
[72] SAGASTUME, EDWIN, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
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[54] **CD73 INHIBITORS**
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[72] EKSTEROWICZ, JOHN, US
[72] FANTIN, VALERIA R., US
[72] SUN, DAQING, US
[72] YE, QIUPING, US
[72] MOORE, JARED, US
[72] ZAVOROTINSKAYA, TATIANA, US
[72] BLANK, BRIAN R., US
[72] REW, YOSUP, US
[72] WU, KEJIA, US
[72] ZHU, LIUSHENG, US
[72] PHAM, JOHNNY, US
[72] KAWAI, HIROYUKI, US
[71] ORIC PHARMACEUTICALS, INC., US
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[54] **GRADE CROSSING GATE MECHANISM**
[54] **MECANISME DE BARRIERE DE QUALITE**
[72] IBARRA, MARCO ANTONIO, US
[72] SAGE, DEVIN STEVEN, US
[72] LAWSON, MICHAEL CARMEN, US
[71] C.D.L. ELECTRIC COMPANY, INC., US
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[54] **MICRO-EMULSION CONTAINING CREATINE FATTY ESTER, METHOD FOR PREPARING SAID MICRO-EMULSION AND USES THEREOF**
[54] **MICRO-EMULSION CONTENANT UN ESTER GRAS DE CREATINE, PROCEDE DE PREPARATION DE LADITE MICRO-EMULSION ET SES UTILISATIONS**
[72] MABONDZO, ALOISE, FR
[72] ULLIO-GAMBOA, GABRIELA, FR
[72] DEZARD, SOPHIE, FR
[72] TARAN, FREDERIC, FR
[72] GUYOT, ANNE-CECILE, FR
[72] LOREAU, OLIVIER, FR
[72] BENECH, HENRI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[25] EN
[54] **AUTONOMOUS GROUNDS MAINTENANCE MACHINES WITH PATH PLANNING FOR TRAP AND OBSTACLE AVOIDANCE**
[54] **MACHINES AUTONOMES D'ENTRETIEN DE TERRAIN AVEC PLANIFICATION DE TRAJECTOIRE POUR EVITEMENT DE PIEGE ET D'OBSTACLE**
[72] KRAFT, JASON, US
[71] THE TORO COMPANY, US
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[54] **COMBINATION THERAPY OF A CHIMERIC ANTIGEN RECEPTOR (CAR) T CELL THERAPY AND A KINASE INHIBITOR**
[54] **POLYTHERAPIE D'UNE THERAPIE PAR LYMPHOCYTES T A RECEPTEUR ANTIGENIQUE CHIMERIQUE (CAR) ET D'UN INHIBITEUR DE BTK**
[72] FRANKEL, STANLEY R., US
[72] HASSKARL, JENS, CH
[72] DUBOVSKY, JASON A., US
[71] JUNO THERAPEUTICS, INC., US
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[54] **TNF-TYPE RECEPTOR-LIGAND FUSION PROTEINS AND METHODS**
[54] **PROTEINES DE FUSION LIGAND-RECEPTEUR DU TYPE TNF ET METHODES ASSOCIEES**
[72] NIAZI, KAYVAN, US
[72] NELSON, GARD, US
[72] HIGASHIDE, WENDY, US
[72] LIU, PHILIP, US
[71] NANTBIO, INC., US
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[54] **CONDITIONNEMENT DE COLONNES DE CHROMATOGRAPHIE A GARNISSAGE**
[72] PANAGIOTIS, IOANNIDIS, SE
[72] WARNGREN, ANDERS, SE
[72] NORDIN, TOBIAS, SE
[71] BIOTAGE AB, SE
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[30] EP (18174040.8) 2018-05-24

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[54] **PORTABLE SMOKE AND FIRE PROTECTION DEVICE AND METHODS RELATING TO SAME**
[54] **DISPOSITIF PORTATIF DE PROTECTION CONTRE LA FUMEE ET L'INCENDIE ET PROCEDES ASSOCIES**
[72] BOURQUE, ERIC, CA
[71] BOURQUE, ERIC, CA
[85] 2020-10-22
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[54] **METHODS AND COMPOSITIONS FOR REDUCING RISK OF RELAPSE AND PROLONGING SURVIVAL IN ACUTE MYELOID LEUKEMIA**
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE LE RISQUE DE RECIDIVE ET PROLONGER LA SURVIE EN CAS DE LEUCEMIE AIGUE MYELOIDE**
[72] MARTNER, ANNA, SE
[72] HELLSTRAND, KRISTOFFER, SE
[72] THOREN, FREDRIK BERGH, SE
[71] MARTNER, ANNA, SE
[71] HELLSTRAND, KRISTOFFER, SE
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[54] **PROCESS FOR PRODUCING FUELS FROM PYROLYSIS OIL**
[54] **PROCEDE DE PRODUCTION DE COMBUSTIBLES A PARTIR D'HUILE DE PYROLYSE**
[72] BRODEUR-CAMPBELL, MICHAEL J., US
[72] BOWEN, TRAVIS C., US
[71] UOP LLC, US
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[54] **RESEAU SOCIAL DE SANTE EN LIGNE**
[72] DOBSON, MELISSA K., US
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[25] EN
[54] **MODULAR COCO COIR GROW BAG SYSTEM FOR CANNABIS**
[54] **SYSTEME MODULAIRE DE POCHE DE CULTURE DE FIBRE DE COCO POUR CANNABIS**
[72] SCHULZE, LASSE MICHAEL, CA
[72] HSU, DAVID, CA
[71] CRONOS GROUP INC., CA
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[54] **CLIMATE CONTROL SYSTEM FOR INDOOR HORTICULTURE**
[54] **SYSTEME DE REGULATION CLIMATIQUE POUR HORTICULTURE EN INTERIEUR**
[72] BOWLING, KYLE, US
[72] KINDLE, JAY, US
[71] RAE CORPORATION, US
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[54] **METHOD AND APPARATUS FOR DETERMINING TRIGGER STATE, TERMINAL, AND NETWORK DEVICE**
[54] **PROCEDE ET APPAREIL DE DETERMINATION D'ETAT DE DECLENCHEUR, TERMINAL, ET DISPOSITIF DE RESEAU**
[72] SHI, ZHIHUA, CN
[72] CHEN, WENHONG, CN
[72] FANG, YUN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **ANTI-CXCL13 ANTIBODIES FOR TREATING AUTOIMMUNE DISEASES AND CANCER**
[54] **ANTICORPS ANTI-CXCL13 POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES ET DU CANCER**
[72] GU, HAIJUAN, CN
[72] YANG, QIUMEI, CN
[71] I-MAB BIOPHARMA US LIMITED, US
[85] 2020-10-27
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[54] **INDICATOR ASSEMBLY**
[54] **ENSEMBLE INDICATEUR**
[72] ZHOU, BIAO, CN
[72] LEI, YANWEI, CN
[72] LIU, DAN, CN
[72] XIAO, CHONGYANG, CN
[72] FAN, GUOLEI, CN
[72] QIN, XIAOJUAN, CN
[71] FISHER JEON GAS EQUIPMENT (CHENGDU) CO. LTD., CN
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[25] EN
[54] **REGENERATIVE BRAKING FOR ELECTRIC AND HYBRID VEHICLES**
[54] **FREINAGE PAR RECUPERATION POUR VEHICULES ELECTRIQUES ET HYBRIDES**
[72] MILLER, MOSHE, IL
[72] DRORI, JONATHAN, IL
[72] ZARCHI, YORAM, IL
[71] TOMCAR HOLDING COMPANY LLC, US
[85] 2020-10-26
[86] 2019-04-25 (PCT/US2019/029183)
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[54] **REGULATOR**
[54] **REGULATEUR**
[72] ZHOU, BIAO, CN
[72] LEI, YANWEI, CN
[72] LIU, DAN, CN
[72] XIAO, YAWEI, CN
[72] FAN, GUOLEI, CN
[72] QIN, XIAOJUAN, CN
[71] FISHER JEON GAS EQUIPMENT (CHENGDU) CO. LTD., CN
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[25] EN
[54] **SYSTEM AND METHOD FOR TREATING EFFLUENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EFFLUENT**
[72] WATCHMAN, DALE ANDREW, CA
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-10-27
[86] 2019-04-26 (PCT/EP2019/060693)
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[54] **MESENCHYMAL STROMAL CELL EXOSOMES AND USES THEREOF**
[54] **EXOSOMES DE CELLULES STROMALES MESENCHYMATEUSES ET LEURS UTILISATIONS**
[72] KOUREMBANAS, STELLA, US
[72] MITSIALIS, S. ALEXANDER, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-10-26
[86] 2019-04-26 (PCT/US2019/029275)
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[25] EN
[54] **DOSING OF A BISPECIFIC ANTIBODY THAT BIND CD123 AND CD3**
[54] **DOSAGE D'UN ANTICORPS BISPECIFIQUE QUI SE LIE A CD123 ET CD3**
[72] SAVILLE, MICHAEL WAYNE, US
[72] FOSTER, PAUL, US
[71] NOVARTIS AG, CH
[85] 2020-10-26
[86] 2019-04-26 (PCT/US2019/029319)
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[54] **PROCESS FOR THE PREPARATION OF HOMOGENEOUS HYBRID MATERIALS**
[54] **PROCESSUS POUR LA PREPARATION DE MATERIAUX HYBRIDES HOMOGENES**
[72] O'CONNOR, PAUL, NL
[71] CLIMEWORKS AG, CH
[85] 2020-10-27
[86] 2019-05-28 (PCT/EP2019/063743)
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[51] **Int.Cl. B60C 11/16 (2006.01)**
[25] EN
[54] **A METHOD FOR MAKING A BLIND HOLE IN A TIRE AND A METHOD FOR INSERTING AN INSERT TO THE BLIND HOLE**
[54] **PROCEDE DE FABRICATION D'UN TROU BORGNE DANS UN PNEU ET PROCEDE D'INSERTION D'UN INSERT DANS LE TROU BORGNE**
[72] KUKKONEN, ESKO, FI
[72] OJALA, JARI, FI
[72] SOINI, TEEMU, FI
[72] ANTIKAINEN, ATTE, FI
[72] RAISANEN, JANI, FI
[71] NOKIAN RENKAAT OYJ, FI
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[25] EN
[54] **OXYFUEL CLINKER PRODUCTION WITH SPECIAL OXYGEN ADDITION**
[54] **FABRICATION DE CLINKER PAR OXYCOMBUSTION AVEC APPORT D'OXYGENE SPECIAL**
[72] LEMKE, JOST, DE
[72] WILLMS, EIKE, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2020-10-27
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[25] EN
[54] **DISPENSER APPARATUS FOR ADHESIVE TAPE**
[54] **APPAREIL DE DISTRIBUTEUR POUR BANDE ADHESIVE**
[72] MAGEE, MARCUS, GB
[71] XTAPER LIMITED, GB
[85] 2020-10-27
[86] 2019-05-17 (PCT/GB2019/051363)
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[30] GB (1808073.9) 2018-05-18

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[54] **DIGITAL DATA COMPARISON FILTER, SYSTEM AND METHOD, AND APPLICATIONS THEREFOR**
[54] **FILTRE, SYSTEME ET PROCEDE DE COMPARAISON DE DONNEES NUMERIQUES, ET APPLICATIONS ASSOCIEES**
[72] FISET, JEAN-PIERRE, CA
[72] COUILLARD, BRUNO, CA
[72] RITCHIE, BRADLEY CLARE, CA
[72] GOODMAN, JAMES ROSS, CA
[71] CRYPTO4A TECHNOLOGIES INC., CA
[85] 2020-10-27
[86] 2019-05-02 (PCT/CA2019/050577)
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[30] US (62/666,892) 2018-05-04

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[51] **Int.Cl. B01D 15/04 (2006.01) B01J 47/00 (2017.01) B01J 49/00 (2017.01)**
[25] EN
[54] **PROCESS FOR POLISHING METAL CONTAMINANTS FROM AN ACIDIC SOLUTION COMPRISING SCANDIUM**
[54] **PROCEDE DE POLISSAGE DE CONTAMINANTS METALLIQUES A PARTIR D'UNE SOLUTION ACIDE COMPRENANT DU SCANDIUM**
[72] PAQUIN, MICHEL, CA
[72] FILIPPOU, DIMITRIOS, CA
[71] RIO TINTO IRON AND TITANIUM CANADA INC., CA
[85] 2020-10-27
[86] 2019-05-03 (PCT/CA2019/050589)
[87] (WO2019/213753)
[30] US (62/667,797) 2018-05-07

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[51] **Int.Cl. H04N 13/122 (2018.01) H04N 13/271 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTIMIZING DEPTH IMAGING**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION D'IMAGERIE DE PROFONDEUR**
[72] KUTULAKOS, KIRIAKOS NEOKIS, CA
[72] MIRDEHGHAN, SEYED PARSA, CA
[72] CHEN, WENZHENG, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-10-16
[86] 2019-05-03 (PCT/CA2019/050596)
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[25] EN
[54] **LIFT HANDLE ARRANGEMENT**
[54] **AGENCEMENT DE POIGNEE DE LEVAGE**
[72] JOHANSSON, DANIEL, SE
[71] INDUSTRILAS I NASSJO AB, SE
[85] 2020-10-27
[86] 2019-05-06 (PCT/EP2019/061549)
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[51] **Int.Cl. F04D 13/10 (2006.01) E21B 43/12 (2006.01) F04D 29/041 (2006.01) F04D 29/06 (2006.01)**
[25] EN
[54] **INTEGRATED HEAT EXCHANGER AND THRUST BEARING BASE**
[54] **ECHANGEUR DE CHALEUR INTEGRE ET BASE DE PALIER DE BUTEE**
[72] MEYER, ARON, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-10-27
[86] 2018-04-05 (PCT/US2018/026284)
[87] (WO2018/200150)
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[25] EN
[54] **METHODS FOR THE PRODUCTION OF METHACRYLATES**
[54] **PROCEDE PERMETTANT LA PRODUCTION DE METHACRYLATES**
[72] DISLEY, ZOE, GB
[72] EASTHAM, GRAHAM RONALD, GB
[72] JOHNSON, DAVID WILLIAM, GB
[72] MARTINS, LAURA, GB
[72] MENCHAVEZ, RUSSEL, GB
[72] ROSSONI, LUCA, GB
[72] STEPHENS, GILL, GB
[71] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2020-10-27
[86] 2019-05-23 (PCT/GB2019/051427)
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[30] GB (1808424.4) 2018-05-23

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[54] **WELLBEING SUPPLEMENT FOR POSTPARTUM MATERNAL NUTRITION**
[54] **COMPLEMENT DE BIEN-ETRE POUR NUTRITION MATERNELLE POST-PARTUM**
[72] DOULTANI, SHIREEN SURESH, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2020-10-27
[86] 2019-05-09 (PCT/EP2019/061979)
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[30] GB (1807540.8) 2018-05-09

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[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND TEST KITS FOR DETERMINING MALE FERTILITY STATUS**
[54] **PROCEDES ET TROUSSES DE TEST POUR DETERMINER L'ETAT DE FERTILITE MASCULINE**
[72] TRAVIS, ALEXANDER, J., US
[72] COOK, JOHN, D., US
[71] ANDROVIA LIFESCIENCES, LLC, US
[85] 2020-10-26
[86] 2019-05-02 (PCT/US2019/030372)
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[30] US (62/665,870) 2018-05-02

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[51] **Int.Cl. A61B 5/107 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING ANIMAL BODY SURFACE AREA AND SUBSEQUENTLY DETERMINING ANIMAL HEALTH STATUS**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE LA SURFACE CORPORELLE D'UN ANIMAL ET DE DETERMINATION ULTERIEURE DE L'ETAT DE SANTE D'UN ANIMAL**
[72] GEISSLER, RANDOLPH KEITH, US
[72] LEWIS, STEVEN ARTHUR, US
[71] GEISSLER COMPANIES, LLC, US
[85] 2020-10-26
[86] 2019-05-02 (PCT/US2019/030451)
[87] (WO2019/213429)
[30] US (62/665,820) 2018-05-02
[30] US (16/401,978) 2019-05-02

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[51] **Int.Cl. C08J 5/18 (2006.01) B65D 65/46 (2006.01) C08K 5/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE POLYVINYL ALCOHOL BLEND FILM, RELATED METHODS, AND RELATED ARTICLES**
[54] **FILM A BASE DE MELANGE DE D'ALCOOL POLYVINYLIQUE SOLUBLE DANS L'EAU, PROCEDES ASSOCIES ET ARTICLES ASSOCIES**
[72] CHILDERS, JENNIFER L., US
[72] GOETZ, RICHARD, US
[72] BROMBY, PERCY, II, US
[72] NISHIMI, AKIO, US
[72] ASADA, MITSUNORI, US
[72] LEE, DAVID M., US
[71] MONOSOL, LLC, US
[85] 2020-10-27
[86] 2019-04-12 (PCT/US2019/027310)
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[30] US (62/666,082) 2018-05-02

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[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **ELECTRIC POTENTIALLY-DRIVEN SHADE INCLUDING SHUTTER SUPPORTING SURFACE-MODIFIED CONDUCTIVE COATING, METHODS OF MAKING THE SAME AND METHOD OF OPERATING THE SAME**
[54] **STORE ELECTRIQUE COMMANDE PAR POTENTIEL COMPRENANT UN OCCULTANT PORTANT UN REVETEMENT CONDUCTEUR MODIFIE EN SURFACE, SES PROCEDES DE FABRICATION ET SON PROCEDE DE FONCTIONNEMENT**
[72] BLUSH, JASON, US
[72] FREY, TIMOTHY, US
[71] GUARDIAN GLASS, LLC, US
[85] 2020-10-27
[86] 2019-07-05 (PCT/IB2019/055764)
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[30] US (16/028,578) 2018-07-06

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[51] **Int.Cl. C08J 5/18 (2006.01) B65D 65/46 (2006.01) C08K 5/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE POLYVINYL ALCOHOL BLEND FILM, RELATED METHODS, AND RELATED ARTICLES**
[54] **FILM A BASE DE MELANGE DE D'ALCOOL POLYVINYLIQUE SOLUBLE DANS L'EAU, PROCEDES ASSOCIES ET ARTICLES ASSOCIES**
[72] CHILDERS, JENNIFER L., US
[72] GOETZ, RICHARD, US
[72] BROMBY, PERCY, US
[72] NISHIMI, AKIO, US
[72] ASADA, MITSUNORI, US
[72] LEE, DAVID M., US
[71] MONOSOL, LLC, US
[85] 2020-10-27
[86] 2019-04-12 (PCT/US2019/027318)
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[51] **Int.Cl. B23B 27/04 (2006.01) B23B 29/04 (2006.01)**
[25] EN
[54] **CUTTING INSERT HAVING LAND WITH SPACED APART UPWARDLY BULGING LAND PORTIONS AND NON-ROTARY CUTTING TOOL PROVIDED THEREWITH**
[54] **PLAQUETTE DE COUPE COMPORTANT UN MEPLAT AVEC DES PARTIES DE MEPLAT ESPACEES BOMBEES VERS LE HAUT ET OUTIL DE COUPE NON ROTATIF EQUIPE DE CELLE-CI**
[72] CHISTYAKOV, SERGEY, IL
[72] ALPERSOM, ORTAL, IL
[71] ISCAR LTD., IL
[85] 2020-10-27
[86] 2019-01-08 (PCT/IL2019/050036)
[87] (WO2019/167037)
[30] US (62/636,225) 2018-02-28

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[51] **Int.Cl. B65B 25/08 (2006.01) A22C 17/00 (2006.01) B65B 61/06 (2006.01) B65G 15/24 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR HIGH SPEED PRODUCTION OF FOOD PRODUCT**
[54] **APPAREIL, SYSTEME ET PROCEDE DE PRODUCTION A GRANDE VITESSE DE PRODUIT ALIMENTAIRE**
[72] MILLER, ALAN G., US
[71] RISCO USA CORPORATION, US
[85] 2020-10-27
[86] 2019-04-16 (PCT/US2019/027641)
[87] (WO2019/212742)
[30] US (15/968,549) 2018-05-01

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[51] **Int.Cl. A61K 31/565 (2006.01) A61K 9/00 (2006.01) A61K 9/02 (2006.01)**
[25] EN
[54] **ESTROGEN PRODRUGS AND METHODS OF ADMINISTERING ESTROGEN PRODRUGS**
[54] **PROMEDICAMENTS D'□STROGENE ET PROCEDES D'ADMINISTRATION DE PROMEDICAMENTS D'□STROGENE**
[72] NICKISCH, KLAUS, DE
[72] EGGENREICH, KARIN, US
[72] MEECE, FREDERICK, US
[72] EDER, SIMONE, US
[72] WITSCHNIGG, ANDREAS, US
[71] EVESTRA, INC., US
[85] 2020-10-27
[86] 2019-04-25 (PCT/US2019/029142)
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[30] US (62/663,584) 2018-04-27

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[51] **Int.Cl. H04W 52/38 (2009.01) H04W 16/28 (2009.01) H04W 72/04 (2009.01) H04W 92/20 (2009.01) H04L 27/26 (2006.01)**
[25] EN
[54] **USER EQUIPMENT AND BASE STATION APPARATUS**
[54] **APPAREIL DE STATION DE BASE ET EQUIPEMENT UTILISATEUR**
[72] TAKAHASHI, HIDEAKI, JP
[72] UMEDA, HIROMASA, JP
[72] ANDOU, KEI, JP
[71] NTT DOCOMO, INC., JP
[85] 2020-10-27
[86] 2018-05-09 (PCT/JP2018/018007)
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[51] **Int.Cl. F16K 31/06 (2006.01) H01F 7/18 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC VALVE SYSTEM**
[54] **SYSTEME DE SOUPAPE ELECTROMAGNETIQUE**
[72] SAKAMURA, NAOKI, JP
[72] SHIOMI, KOJI, JP
[71] SMC CORPORATION, JP
[85] 2020-10-27
[86] 2019-04-22 (PCT/JP2019/017006)
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[30] JP (2018-086503) 2018-04-27

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[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/44 (2006.01) A61P 7/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING ALKYNYL PYRIDINE PROLYL HYDROXYLASE INHIBITOR**
[54] **PROCEDE DE PREPARATION D'UN D'INHIBITEUR DE L'ALCYNYL PYRIDINE PROLYL HYDROXYLASE**
[72] LU, GANG, CN
[72] HUANG, JIAN, CN
[72] HU, YIMIN, CN
[72] ZHU, LINGJIAN, CN
[72] ZOU, YANG, CN
[72] CUI, HUA, CN
[72] YOU, QIDONG, CN
[72] ZHANG, XIAOJIN, CN
[71] SUZHOU SUNCADIA BIOPHARMACEUTICALS CO., LTD., CN
[71] SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2020-10-22
[86] 2019-05-23 (PCT/CN2019/088150)
[87] (WO2019/223764)
[30] CN (201810509984.4) 2018-05-24

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[25] EN
[54] **KRAS G12C INHIBITORS AND METHODS OF USING THE SAME**
[54] **INHIBITEURS DE KRAS G12C ET LEURS PROCEDES D'UTILISATION**
[72] ALLEN, JOHN GORDON, US
[72] ALLEN, JENNIFER REBECCA, US
[72] MINATTI, ANA ELENA, US
[72] XUE, QIUFEN, US
[72] WURZ, RYAN PAUL, US
[72] TEGLEY, CHRISTOPHER M., US
[72] PICKRELL, ALEXANDER J., US
[72] NGUYEN, THOMAS T., US
[72] MA, VU VAN, US
[72] LOPEZ, PATRICIA, US
[72] LIU, LONGBIN, US
[72] KOPECKY, DAVID JOHN, US
[72] FROHN, MICHAEL J., US
[72] CHEN, NING, US
[72] CHEN, JIAN JEFFREY, US
[72] SIEGMUND, AARON C., US
[72] AMEGADZIE, ALBERT, US
[72] TAMAYO, NURIA A., US
[72] BOOKER, SHON, US
[72] GOODMAN, CLIFFORD, US
[72] WALTON, MARY, US
[72] NISHIMURA, NOBUKO, US
[72] SHIN, YOUNGSOOK, US
[72] LOW, JONATHAN D., US
[72] CEE, VICTOR J., US
[72] REED, ANTHONY B., US
[72] WANG, HUI-LING, US
[72] LANMAN, BRIAN ALAN, US
[71] AMGEN INC., US
[85] 2020-10-20
[86] 2019-05-03 (PCT/US2019/030593)
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[30] US (62/667,282) 2018-05-04

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[25] EN
[54] **REAGENTS AND METHODS FOR ELEMENTAL MASS SPECTROMETRY OF BIOLOGICAL SAMPLES**
[54] **REACTIFS ET PROCEDES DE SPECTROMETRIE DE MASSE POUR L'IMAGERIE ELEMENTAIRE D'ECHANTILLONS BIOLOGIQUES**
[72] ZABINYAKOV, NIKITA, CA
[72] LOBODA, ALEXANDER V., CA
[72] ORNATSKY, OLGA, CA
[72] BARANOV, VLADIMIR, CA
[72] MAVROPOULOS, ANASTASIA, CA
[72] MAJONIS, DANIEL, CA
[72] ALLO, BEDILU, CA
[72] CLOSSON, TAUNIA, CA
[71] FLUIDIGM CANADA INC., CA
[85] 2020-10-27
[86] 2019-04-26 (PCT/US2019/029443)
[87] (WO2019/210233)
[30] US (62/663,828) 2018-04-27
[30] US (62/728,594) 2018-09-07
[30] US (62/728,761) 2018-09-08

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[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE CAP FOR FLUID PORTS ON A MEDICAL DEVICE**
[54] **CAPUCHON POLYVALENT POUR ORIFICES DE FLUIDE SUR UN DISPOSITIF MEDICAL**
[72] LOFTHOUSE, NICHOLAS GARRETT, US
[72] HALL, DEVON BRADLY, US
[71] FREDENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2020-10-27
[86] 2019-03-05 (PCT/US2019/020631)
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[30] US (62/664,993) 2018-05-01

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[51] **Int.Cl. F04B 47/02 (2006.01) F04B 9/10 (2006.01) F04B 11/00 (2006.01) F04B 47/04 (2006.01) F04B 49/06 (2006.01) F04B 51/00 (2006.01)**
[25] EN
[54] **WELL SERVICE PUMP SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE POMPE DE SERVICE DE PUITS ET SON PROCEDE DE FONCTIONNEMENT**
[72] DALEKOS, GEORGE, US
[72] BURNETT, SHELTON, US
[72] HODGSON, SEAN, US
[72] GABLE, TOM, US
[71] AMERIFORGE GROUP INC., US
[85] 2020-10-27
[86] 2019-04-26 (PCT/US2019/029480)
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[51] **Int.Cl. A61B 7/04 (2006.01) A61B 7/00 (2006.01) A61B 7/02 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PERFORMING ACTIVE AUSCULTATION AND DETECTING SONIC ENERGY MEASUREMENTS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR REALISER UNE AUSCULTATION ACTIVE ET DETECTER DES MESURES D'ENERGIE SONORE**
[72] ARTUNDUAGA, MARIA, US
[71] RESPIRA LABS, INC., US
[85] 2020-10-27
[86] 2019-04-26 (PCT/US2019/029481)
[87] (WO2019/210261)
[30] US (62/663,262) 2018-04-27
[30] US (62/773,002) 2018-11-29

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[25] EN
[54] **NEW MEDICAL DEVICES, DELIVERY VEHICLES AND MANUFACTURING THEREOF**
[54] **NOUVEAUX DISPOSITIFS MEDICAUX, VEHICULES DE LIVRAISON ET LEUR FABRICATION**
[72] WEIMANN, LUDWIG, US
[71] REMY BIOSCIENCES, INC., US
[85] 2020-10-27
[86] 2019-04-27 (PCT/US2019/029544)
[87] (WO2019/210287)
[30] US (62/663,900) 2018-04-27

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/438 (2006.01) A61K 31/439 (2006.01) A61K 31/444 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) C07D 401/04 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/08 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **SPIROPIPERIDINE ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS**
[54] **MODULATEURS ALLOSTERIQUES DE SPIROPIPERIDINE DES RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE**
[72] CROWLEY, BRENDAN M., US
[72] CAMPBELL, BRIAN T., US
[72] CHOBANIAN, HARRY R., US
[72] FELLS, JAMES I., US
[72] GUIADEEN, DEODIAL G., US
[72] GRESHOCK, THOMAS J., US
[72] LEAVITT, KENNETH J., US
[72] RADA, VANESSA L., US
[72] BELL, IAN M., US
[71] MERCK SHARP & DOHME CORP., US
[85] 2020-10-27
[86] 2019-04-29 (PCT/US2019/029561)
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[30] US (62/665,091) 2018-05-01

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[51] **Int.Cl. A61K 35/742 (2015.01) A23L 33/135 (2016.01) A61P 37/02 (2006.01) C12N 1/20 (2006.01) C12N 3/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **MODULATION OF IMMUNE FUNCTION BY BACILLUS COAGULANS**
[54] **MODULATION DE LA FONCTION IMMUNITAIRE PAR BACILLUS COAGULANS**
[72] MAJEED, MUHAMMED, IN
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, SHAHEEN, US
[72] MUNDKUR, LAKSHMI, IN
[72] ARUMUGAM, SIVAKUMAR, IN
[72] PANDE, ANURAG, US
[72] ALI, FURQAN, IN
[71] SAMI LABS LIMITED, IN
[85] 2020-10-27
[86] 2019-04-29 (PCT/US2019/029564)
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[30] US (62/664,354) 2018-04-30

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[25] EN
[54] **PYRIDAZINONES AS PARP7 INHIBITORS**
[54] **PYRIDAZINONES UTILISES EN TANT QU'INHIBITEURS DE PARP7**
[72] VASBINDER, MELISSA MARIE, US
[72] SCHENKEL, LAURIE B., US
[72] SWINGER, KERREN KALAI, US
[72] KUNTZ, KEVIN WAYNE, US
[71] RIBON THERAPEUTICS INC., US
[85] 2020-10-27
[86] 2019-04-29 (PCT/US2019/029582)
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[30] US (62/664,544) 2018-04-30

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[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL DATA ENCODING METHOD, THREE-DIMENSIONAL DATA DECODING METHOD, THREE-DIMENSIONAL DATA ENCODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES ET DISPOSITIF DE DECODAGE DE DONNEES TRIDIMENSIONNELLES**
[72] HAN, CHUNG DEAN, SG
[72] LASANG, PONGSAK, SG
[72] WANG, CHI, SG
[72] SUGIO, TOSHIYASU, SG
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-10-27
[86] 2019-05-10 (PCT/JP2019/018830)
[87] (WO2019/216434)
[30] US (62/670,240) 2018-05-11

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[13] A1
[51] **Int.Cl. B60N 2/20 (2006.01) B60N 2/90 (2018.01)**
[25] EN
[54] **RETRACTABLE BOLSTERS FOR A REVERSIBLE SEAT**
[54] **APPUIS-TETE RETRACTABLES DESTINES A UN SIEGE REVERSIBLE**
[72] VETERE, LOUIS II, US
[72] NACY, MICHAEL D., US
[72] ZHAO, KAI, US
[72] MARINI, DETJON, US
[72] DIOUM, CHEIKH, US
[71] MAGNA SEATING INC., CA
[85] 2020-10-27
[86] 2019-04-29 (PCT/US2019/029642)
[87] (WO2019/210302)
[30] US (62/663,353) 2018-04-27

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01) C08K 5/12 (2006.01) C08K 5/1515 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **PLASTICIZER COMPOSITION AND RESIN COMPOSITION INCLUDING THE SAME**
[54] **COMPOSITION DE PLASTIFIANT ET COMPOSITION DE RESINE LA COMPRENANT**
[72] KIM, HYUN KYU, KR
[72] CHO, YUN KI, KR
[72] CHOI, WOO HYUK, KR
[72] MOON, JEONG JU, KR
[72] KIM, JOO HO, KR
[72] JEONG, SEOK HO, KR
[71] LG CHEM, LTD., KR
[85] 2020-10-27
[86] 2019-06-03 (PCT/KR2019/006653)
[87] (WO2019/240418)
[30] KR (10-2018-0067653) 2018-06-12

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[51] **Int.Cl. A21D 2/18 (2006.01) A21D 13/16 (2017.01) A21D 2/26 (2006.01) A21D 10/00 (2006.01) A23D 7/005 (2006.01) A23D 9/007 (2006.01) A23D 9/02 (2006.01)**
[25] EN
[54] **BAKING INGREDIENTS SUITABLE FOR FAT REPLACEMENT**
[54] **INGREDIENTS DE BOULANGERIE-PATISSERIE APPROPRIES POUR LE REMPLACEMENT DE MATIERE GRASSE**
[72] BAHE, KRISTI L., US
[72] COX, STEVEN J., US
[71] GENERAL MILLS, INC., US
[85] 2020-10-27
[86] 2018-08-22 (PCT/US2018/047545)
[87] (WO2020/040760)

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/78 (2006.01) B01D 53/80 (2006.01) C01F 5/24 (2006.01)**
[25] EN
[54] **MINERAL CARBONATION**
[54] **CARBONATATION MINERALE**
[72] BENHELAL, EMAD, AU
[72] BRENT, GEOFFREY FREDERICK, AU
[72] KENNEDY, ERIC MILES, AU
[72] OLIVER, TIMOTHY KENILWORTH, AU
[72] RAYSON, MARK STUART, AU
[72] STOCKENHUBER, MICHAEL, AU
[71] MINERAL CARBONATION INTERNATIONAL PTY LTD, AU
[85] 2020-10-28
[86] 2019-05-08 (PCT/AU2019/050423)
[87] (WO2019/213704)
[30] AU (2018901561) 2018-05-08

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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/78 (2006.01) B01D 53/80 (2006.01) C01F 5/24 (2006.01)**
[25] EN
[54] **MULTISTAGE MINERAL CARBONATION**
[54] **CARBONATATION MINERALE EN PLUSIEURS ETAPES**
[72] BENHELAL, EMAD, AU
[72] BRENT, GEOFFREY FREDERICK, AU
[72] KENNEDY, ERIC MILES, AU
[72] OLIVER, TIMOTHY KENILWORTH, AU
[72] RAYSON, MARK STUART, AU
[72] STOCKENHUBER, MICHAEL, AU
[71] MINERAL CARBONATION INTERNATIONAL PTY LTD, AU
[85] 2020-10-28
[86] 2019-05-08 (PCT/AU2019/050424)
[87] (WO2019/213705)
[30] AU (2018901560) 2018-05-08

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[51] **Int.Cl. C12N 15/85 (2006.01) A61K 35/76 (2015.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) C12N 7/01 (2006.01) C12N 9/14 (2006.01) C12N 15/55 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR TREATING PEROXISOMAL DISORDERS**
[54] **THERAPIE GENIQUE DESTINEE AU TRAITEMENT DE TROUBLES DES PEROXYSOMES**
[72] HACIA, JOSEPH, US
[72] BENNETT, JEAN, US
[72] SUN, JUNWEI, US
[72] SONG, JI YUN, US
[72] MCDOUGALD, DEVIN, US
[72] ARGYRIOU, CATHERINE, CA
[72] BRAVERMAN, NANCY, CA
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[71] THE RESEARCH INSTITUTE OF THE MCGILL UNIVERSITY HEALTH CENTRE, CA
[85] 2020-10-28
[86] 2018-05-31 (PCT/CA2018/050642)
[87] (WO2018/218359)
[30] US (62/513,156) 2017-05-31

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[51] **Int.Cl. B01F 3/10 (2006.01) B01F 5/06 (2006.01) B01F 15/02 (2006.01) B05B 7/04 (2006.01) B29B 7/32 (2006.01) B29B 7/74 (2006.01)**
[25] EN
[54] **DISPENSING SYSTEM FOR MIXTURE OF TWO COMPONENTS AND STATIC MIXING NOZZLE THEREFOR**
[54] **SYSTEME DE DISTRIBUTION POUR LE MELANGE DE DEUX COMPOSANTS ET BUSE DE MELANGE STATIQUE ASSOCIEE**
[72] GEBOES, PETER, BE
[72] BOEYKENS, IVAN, BE
[72] DUIJSTERS, THOMAS, BE
[72] SICHIEN, LIEVEN, BE
[71] SOUDAL, BE
[85] 2020-10-28
[86] 2019-03-29 (PCT/EP2019/058068)
[87] (WO2019/228693)
[30] EP (18174921.9) 2018-05-29

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[13] A1
[51] **Int.Cl. G08G 1/01 (2006.01) G01C 21/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HYBRID COLLECTIVE PERCEPTION AND MAP CROWDSOURCING**
[54] **PROCEDE ET SYSTEME DE PERCEPTION COLLECTIVE HYBRIDE ET D'EXTERNALISATION OUVERTE DE CARTE**
[72] DOIG, IAN CHRISTOPHER DRUMMOND, CA
[72] LEPP, JAMES RANDOLPH WINTER, CA
[72] MCCANN, STEPHEN, CA
[72] MONTEMURRO, MICHAEL PETER, CA
[72] BARRETT, STEPHEN JOHN, CA
[71] BLACKBERRY LIMITED, CA
[85] 2020-10-28
[86] 2019-04-04 (PCT/EP2019/058575)
[87] (WO2019/211059)
[30] US (15/969,259) 2018-05-02

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[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01) C01B 32/40 (2017.01) C01B 3/50 (2006.01) C07C 29/151 (2006.01)**
[25] EN
[54] **PROCESS FOR METHANOL PRODUCTION**
[54] **PROCEDE DE PRODUCTION DE METHANOL**
[72] MOREO, PIETRO, CH
[71] CASALE SA, CH
[85] 2020-10-28
[86] 2019-04-10 (PCT/EP2019/059034)
[87] (WO2019/233656)

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/62 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATIC OBJECT RECOGNITION AND AUTHENTICATION**
[54] **PROCEDES ET SYSTEMES DE RECONNAISSANCE ET D'AUTHENTIFICATION AUTOMATIQUE D'OBJET**
[72] ENDRESS, THOMAS, DE
[72] SZABO, DANIEL, DE
[72] BERKERMANN, FREDERIC, DE
[71] MERCK PATENT GMBH, DE
[85] 2020-10-28
[86] 2019-04-26 (PCT/EP2019/060704)
[87] (WO2019/211178)
[30] EP (18170047.7) 2018-04-30

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[13] A1
[51] **Int.Cl. F27B 7/20 (2006.01) C04B 2/10 (2006.01) C04B 7/43 (2006.01) F27B 19/04 (2006.01)**
[25] EN
[54] **OXYFUEL CLINKER PRODUCTION WITHOUT RECIRCULATION OF THE PREHEATER EXHAUST GASES**
[54] **FABRICATION DE POMPE A OXY-FUEL SANS RECIRCULATION DES GAZ DE PRECHAUFFEUR**
[72] LEMKE, JOST, DE
[72] WILLMS, EIKE, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2020-10-28
[86] 2019-04-26 (PCT/EP2019/060765)
[87] (WO2019/211196)
[30] DE (10 2018 206 674.4) 2018-04-30

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[13] A1
[51] **Int.Cl. C08H 7/00 (2011.01) C09J 197/00 (2006.01)**
[25] FR
[54] **ADHERENCE-IMPROVING COMPOSITION FOR TEXTILE MATERIAL AND ASSOCIATED REINFORCING TEXTILE MATERIAL**
[54] **COMPOSITION D'ADHERISAGE POUR TEXTILE ET TEXTILE DE RENFORT Y RELATIF**
[72] GOBIN, MAELLE, FR
[72] POUPART, LEO, FR
[71] PORCHER INDUSTRIES, FR
[85] 2020-10-28
[86] 2019-04-26 (PCT/EP2019/060810)
[87] (WO2019/207141)
[30] FR (1853655) 2018-04-26

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) C07K 1/16 (2006.01)**
[25] EN
[54] **QUALITATIVE ANALYSIS OF PROTEINS**
[54] **ANALYSE QUALITATIVE DE PROTEINES**
[72] HOANG, LEE, US
[72] SUH, CHRIS, US
[72] GJERDE, DOUGLAS T., US
[71] BIOTAGE AB, SE
[71] HOANG, LEE, US
[71] SUH, CHRIS, US
[71] GJERDE, DOUGLAS T., US
[85] 2020-10-28
[86] 2019-04-29 (PCT/EP2019/060883)
[87] (WO2019/211223)
[30] US (62/664,881) 2018-04-30

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[13] A1
[51] **Int.Cl. A61K 31/565 (2006.01) A61K 9/00 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF ADVANCED ESTROGEN RECEPTOR POSITIVE BREAST CANCER**
[54] **TRAITEMENT DU CANCER DU SEIN POSITIF AUX RECEPTEURS DES □STROGENES AVANCE**
[72] COELINGH BENNINK, HERMAN JAN TIJMEN, NL
[72] VERHOEVEN, CAROLE, NL
[71] ESTETRA SPRL, BE
[85] 2020-10-28
[86] 2019-05-01 (PCT/EP2019/061142)
[87] (WO2019/211322)
[30] EP (18170382.8) 2018-05-02

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[13] A1
[51] **Int.Cl. A61K 31/565 (2006.01) A61K 9/00 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF ADVANCED ESTROGEN RECEPTOR POSITIVE BREAST CANCER**
[54] **TRAITEMENT DU CANCER DU SEIN POSITIF AUX RECEPTEURS DES □STROGENES AVANCE**
[72] COELINGH BENNINK, HERMAN JAN TIJMEN, NL
[72] VERHOEVEN, CAROLE, NL
[71] PANTARHEI ONCOLOGY B.V., NL
[85] 2020-10-28
[86] 2019-05-01 (PCT/EP2019/061143)
[87] (WO2019/211323)
[30] EP (18170397.6) 2018-05-02

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[13] A1
[51] **Int.Cl. C07D 217/24 (2006.01) A61K 31/472 (2006.01)**
[25] EN
[54] **POLYMORPHIC AND AMORPHOUS FORMS OF ISOQUINOLINONE AND METHODS OF USE THEREOF**
[54] **FORMES POLYMORPHES ET AMORPHES D'ISOQUINOLINONE ET LEURS PROCEDES D'UTILISATION**
[72] BOLL, JETTE BISGAARD, DK
[72] REDDY, JAYACHANDRA P., US
[71] SOJOURNIX, INC., US
[85] 2020-10-27
[86] 2019-04-29 (PCT/US2019/029751)
[87] (WO2019/210327)
[30] US (62/664,020) 2018-04-27

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[54] **FORMES POSOLOGIQUES POUR L'ADMINISTRATION DE MEDICAMENTS AU TRACTUS GASTRO-INTESTINAL INFERIEUR**
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[72] JOHNSTON, GRAEME WILLIAM ANDREW HAMILTON, GB
[71] M.W. ENCAP LIMITED, GB
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[54] **SYSTEME DE POMPAGE DES EAUX USEES**
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[72] BECKER, MICHAEL, DE
[71] KSB SE & CO. KGAA, DE
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[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] ROTHBAUM, WAYNE, US
[71] KARTOS THERAPEUTICS, INC., US
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[54] **BARCODE DETECTION METHOD**
[54] **PROCEDE DE DETECTION DE CODE-BARRES**
[72] GOMEZ CARDENES, OSCAR, ES
[72] RODRIGUEZ RAMOS, JOSE MANUEL, ES
[71] WOOPTIX S.L., ES
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[54] **LUBRIFIANT COMPRENANT DES DIALCANOATES DE 2,5-(BISHYDROXYMETHYL) TETRYHYDROFURANE**
[72] BOHN, MARTIN ALEXANDER, DE
[72] GEYER, KAROLIN, DE
[72] GRABARSE, WOLFGANG, DE
[72] SCHERER, MARKUS, DE
[72] ECORMIER, MURIEL, GB
[72] STRITTMATTER, JAN, DE
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[54] **METHOD AND SYSTEM OF PROTEIN EXTRACTION**
[54] **PROCEDE ET SYSTEME D'EXTRACTION DE PROTEINE**
[72] EL MENYAWI, IBRAHIM, CH
[71] CSL BEHRING AG, CH
[85] 2020-10-28
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[54] **DECENTRALIZED DIGITAL COMMUNICATION PLATFORM SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PLATEFORME DE COMMUNICATION NUMERIQUE DECENTRALISEE**
[72] LAMB, CLAUDIA E., US
[72] LAMB, ANDREW J.F., US
[72] MILLER, MICHAEL T., US
[72] SAVENOK, ALEXANDER, US
[71] CLOUD PEOPLE LLC, US
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[25] EN
[54] **DEVELOPMENT OF SURFACE-TREATED MAGNESIUM HYDROXIDE-COMPRISING MATERIAL**
[54] **DEVELOPPEMENT D'UN MATERIAU CONTENANT DE L'HYDROXYDE DE MAGNESIUM TRAITE EN SURFACE**
[72] IPPOLITO, FABIO, CH
[72] GYSIN, SARAH, CH
[72] FTOUNI, JAMAL, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2020-10-28
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[54] **LASER SCAN HEAD DESIGN FOR THREE SCANNING MIRRORS WITH OPTICS**
[54] **CONCEPTION DE TETE DE BALAYAGE LASER POUR TROIS MIROIRS DE BALAYAGE DOTES D'OPTIQUES**
[72] MA, HONGZHOU, US
[71] THORLABS, INC., US
[85] 2020-10-27
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[54] **METHOD AND DEVICE FOR ADSORPTION/DESORPTION OF CARBON DIOXIDE FROM GAS STREAMS WITH HEAT RECOVERY UNIT**
[54] **PROCEDE ET DISPOSITIF D'ADSORPTION/DESORPTION DE DIOXYDE DE CARBONE A PARTIR DE FLUX GAZEUX AVEC UNITE DE RECUPERATION DE CHALEUR**
[72] GEBALD, CHRISTOPH, CH
[72] REPOND, NICOLAS, CH
[72] WURZBACHER, JAN ANDRE, CH
[72] TIMOFTE, ANCA ELENA, CH
[72] MESZAROS, ISTVAN, CH
[72] KEUSCH, BENJAMIN, CH
[71] CLIMEWORKS AG, CH
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[54] **HOT STAMPED COMPONENT, PRECOATED STEEL SHEET USED FOR HOT STAMPING AND HOT STAMPING PROCESS**
[54] **COMPOSANT ESTAMPE A CHAUD, PLAQUE D'ACIER PREREVETUE POUR ESTAMPAGE A CHAUD ET PROCEDE D'ESTAMPAGE A CHAUD**
[72] YI, HONGLIANG, CN
[72] CHANG, ZHIYUAN, CN
[72] LIU, ZHAOYUAN, CN
[72] YANG, DAPENG, CN
[72] XIONG, XIAOCHUAN, CN
[71] IRONOVATION MATERIALS TECHNOLOGY CO., LTD., CN
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[54] **ELECTROPORATION SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREILS D'ELECTROPORATION**
[72] RODRIGUEZ, JOHN F., US
[72] PHUNG, BRANDON DANG, US
[72] TWITTY, CHRISTOPHER G., US
[72] JIN, JASON, US
[71] ONCOSEC MEDICAL INCORPORATED, US
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[54] **INFORMATION TRANSMISSION METHOD AND INFORMATION TRANSMISSION APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS**
[72] GAO, LEI, CN
[72] LIU, DEPING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-10-28
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[54] **SYSTEM AND METHOD FOR OBTAINING AND UTILIZING MEASUREMENTS TO ENABLE CUSTOMIZED EYEWEAR TO BE PURCHASED ONLINE**
[54] **SYSTEME ET PROCEDE POUR OBTENIR ET UTILISER DES MESURES POUR PERMETTRE D'ACHETER EN LIGNE DES LUNETTES PERSONNALISEES**
[72] EH-HAJAL, BASSEM, CA
[72] LANCIONE, MARCO, CA
[72] SZYMBORSKI, PIOTR, CA
[72] JALBERT, LUC, CA
[71] OPTIKAM TECH, INC., CA
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[54] **RETRACTABLE RUNWAY EDGE SHEAVE**
[54] **POULIE DE BORD DE PISTE RETRACTABLE**
[72] LEVESQUE, CHRISTOPHER J., US
[72] WARRICK, DANIEL GLENN, US
[72] SCHNEIDER, KIRK F., US
[72] NEELD, KENNETH J., US
[71] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
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[54] **CIBLAGE DE FREQUENCE MULTIBANDE POUR ATTENUATION DE BRUIT**
[72] PLUMMER, DAVID D., US
[72] DUBERSTEIN, TODD ROBERT, US
[72] FERENC, KEVIN T., US
[71] ANDERSEN CORPORATION, US
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[54] **DYNAMIC FREQUENCY SELECTION IN DISTRIBUTED WI-FI NETWORKS**
[54] **SELECTION DYNAMIQUE DE FREQUENCE DANS DES RESEAUX WI-FI DISTRIBUES**
[72] MCFARLAND, WILLIAM, US
[72] WHITE, PAUL, US
[72] MALKIN, YOSSI, US
[72] DZIEDZIC, JANUSZ, US
[72] TULJAK, MOJMIR, US
[72] OZGUR, SONER, US
[72] KAZIOR, MICHAL, US
[71] PLUME DESIGN, INC., US
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[25] EN
[54] **CURABLE COMPOSITION FOR USE IN A HIGH TEMPERATURE LITHOGRAPHY-BASED PHOTOPOLYMERIZATION PROCESS AND METHOD OF PRODUCING CROSSLINKED POLYMERS THEREFROM**
[54] **COMPOSITION DURCISSABLE DESTINEE A ETRE UTILISEE DANS UN PROCEDE DE PHOTOPOLYMERISATION BASE SUR LA LITHOGRAPHIE A HAUTE TEMPERATURE ET PROCEDE DE PRODUCTION DE POLYMERES RETICULES A PARTIR DE CELLE-CI**
[72] LISKA, ROBERT, AT
[72] GORSCHE, CHRISTIAN, AT
[72] HARAKALY, GYORGY, AT
[72] KURY, MARKUS, AT
[72] STAMPFL, JURGEN, AT
[72] DORFINGER, PETER, US
[72] CHEN, YAN, US
[72] LI, CHUNHUA, US
[72] KAZA, SRINIVAS, US
[71] ALIGN TECHNOLOGY, INC., US
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[54] **POLYMERIZABLE MONOMERS AND METHOD OF POLYMERIZING THE SAME**
[54] **MONOMERES POLYMERISABLES ET LEUR PROCEDE DE POLYMERISATION**
[72] LISKA, ROBERT, AT
[72] GORSCHE, CHRISTIAN, AT
[72] KURY, MARKUS, AT
[72] CHEN, YAN, US
[72] LI, CHUNHUA, US
[72] KAZA, SRINIVAS, US
[71] ALIGN TECHNOLOGY, INC., US
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[86] 2019-05-03 (PCT/US2019/030687)
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[54] **EXTRAHEPATIC DELIVERY**
[54] **ADMINISTRATION EXTRA-HEPATIQUE**
[72] NAIR, JAYAPRAKASH K., US
[72] MAIER, MARTIN, US
[72] JADHAV, VASANT, US
[72] MILSTEIN, STUART, US
[72] BROWN, KIRK, US
[72] PARMAR, RUBINA G., US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] MANOHARAN, MUTHIAH, US
[72] KEL'IN, ALEXANDER V., US
[72] JAYARAMAN, MUTHUSAMY, US
[72] CHARISSE, KLAUS, US
[72] CASTORENO, ADAM, US
[72] THEILE, CHRISTOPHER S., US
[72] FITZGERALD, KEVIN, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
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[54] **OLIGONUCLEOTIDE COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'OLIGONUCLEOTIDES ET LEURS PROCEDES D'UTILISATION**
[72] ZHANG, JASON JINGXIN, US
[72] VARGEESE, CHANDRA, US
[72] IWAMOTO, NAOKI, US
[72] SHIVALILA, CHIKDU SHAKTI, US
[72] KOTHARI, NAYANTARA, US
[72] DURBIN, ANN FIEGEN, US
[72] RAMASAMY, SELVI, US
[72] KANDASAMY, PACHAMUTHU, US
[72] KUMARASAMY, JAYAKANTHAN, US
[72] BOMMINENI, GOPAL REDDY, US
[72] MARAPPAN, SUBRAMANIAN, US
[72] DIVAKARAMENON, SETHUMADHAVAN, US
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] LU, GENLIANG, US
[72] YANG, HAILIN, US
[72] SHIMIZU, MAMORU, US
[72] MONIAN, PRASHANT, US
[71] WAVE LIFE SCIENCES LTD., SG
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[30] US (62/670,709) 2018-05-11
[30] US (62/715,684) 2018-08-07
[30] US (62/723,375) 2018-08-27
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[54] **ARTICULATING MICROSURGICAL INSTRUMENT**
[54] **INSTRUMENT MICROCHIRURGICAL ARTICULE**
[72] MARTONE, STEPHEN, US
[72] LAUGHLIN, TREVOR JACOB, US
[72] SUCHDEV, RACHANA S., US
[72] REGAN, DAVID, US
[71] VASCULAR TECHNOLOGY, INCORPORATED, US
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[51] **Int.Cl. B05D 5/00 (2006.01) C09D 5/16 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **PROCESSES AND COMPOSITIONS FOR TREATING FACILITIES**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'INSTALLATION**
[72] HREBENAR, KEVIN, US
[72] HALSTEAD, DAVID, US
[72] SPELL, ERIC, US
[71] JONES-HAMILTON CO., US
[85] 2020-10-27
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[51] **Int.Cl. A61M 25/01 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **FEMALE URINARY CATHETER DEPLOYMENT DEVICES AND METHODS OF USING THE SAME**
[54] **DISPOSITIF DE DEPLOIEMENT DE CATHETER URINAIRE FEMININ, ET METHODES D'UTILISATION ASSOCIEES**
[72] MURRAY, MICHAEL G., US
[72] O'BRIEN, ROISIN, US
[71] HOLLISTER INCORPORATED, US
[85] 2020-10-27
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[30] US (62/686,816) 2018-06-19

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[25] EN
[54] **FUSED BICYCLIC COMPOUNDS USEFUL AS UBIQUITIN-SPECIFIC PEPTIDASE 30 INHIBITORS**
[54] **COMPOSES BICYCLIQUES FUSIONNES UTILES EN TANT QU'INHIBITEURS DE LA PEPTIDASE 30 SPECIFIQUE DE L'UBIQUITINE**
[72] MARTIN, MATTHEW W., US
[72] BUCKMELTER, ALEXANDRE JOSEPH, US
[71] FORMA THERAPEUTICS, INC., US
[85] 2020-10-27
[86] 2019-05-16 (PCT/US2019/032619)
[87] (WO2019/222468)
[30] US (62/673,019) 2018-05-17
[30] US (62/687,599) 2018-06-20
[30] US (62/697,635) 2018-07-13
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[25] EN
[54] **FABRICATION OF WAVEGUIDE STRUCTURES**
[54] **FABRICATION DE STRUCTURES DE GUIDE D'ONDES**
[72] ZAUGG, FRANK, US
[72] PARKS, JOSHUA WAYNE, US
[71] FLUXUS, INC., US
[85] 2020-10-27
[86] 2019-05-21 (PCT/US2019/033365)
[87] (WO2019/226679)
[30] US (62/674,853) 2018-05-22

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[51] **Int.Cl. G06F 5/00 (2006.01) G06T 7/00 (2017.01) G06T 15/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR USE IN COLOURISATION OF A POINT CLOUD**
[54] **PROCEDE ET SYSTEME DESTINES A ETRE UTILISES DANS LA COLORISATION D'UN NUAGE DE POINTS**
[72] VECHERSKY, PAVEL, AU
[72] COX, MARK, AU
[72] BORGES, PAULO, AU
[72] LOWE, THOMAS, AU
[72] BOSSE, MICHAEL, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[51] **Int.Cl. G06F 21/44 (2013.01) H04W 12/06 (2009.01)**
[25] FR
[54] **MUTUAL AUTHENTICATION OF A USER-CONTROLLABLE DEVICE OR SYSTEM CONTAINING SENSITIVE OR CONFIDENTIAL DATA**
[54] **AUTHENTIFICATION MUTUELLE D'UN DISPOSITIF OU D'UN SYSTEME CONTENANT DES DONNEES SENSIBLES OU CONFIDENTIELLES COMMANDABLE PAR UN UTILISATEUR**
[72] BACCA, NICOLAS, FR
[72] TOMAZ, OLIVIER, FR
[71] LEDGER SAS, FR
[85] 2020-10-28
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[51] **Int.Cl. B21F 1/00 (2006.01) E04B 9/18 (2006.01)**
[25] EN
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[54] **DISPOSITIF DE PLIAGE DE FIL DE SUSPENSION DE PLAFOND SUSPENDU**
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[54] **PROCEDES ET APPAREIL DE COMMUNICATION DE LIAISON LATERALE ET D'ATTRIBUTION DE RESSOURCES**
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[72] MAAREF, AMINE, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHODE DE THERAPIE PAR LYMPHOCYTES T AMELIOREE**
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[72] LEE, HYUNSOO, KR
[72] JUNG, MAMCHUL, KR
[72] WANG, YOUCHUN, CN
[72] SUN, LEI, CN
[72] LIU, QIANG, CN
[72] ZHANG, YONGHUA, CN
[72] WANG, MENG, CN
[71] IMMUNOTECH BIOPHARM CO., LTD., CN
[71] PHAROS VACCINE INC., KR
[71] NATIONAL INSTITUTES FOR FOOD AND DRUG CONTROL, CN
[71] IMMUNOTECH BEIJING LIMITED, CN
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[54] **POROUS ELECTRODES FOR ELECTROCHEMICAL DEVICES**
[54] **ELECTRODES POREUSES POUR DISPOSITIFS ELECTROCHIMIQUES**
[72] GABEN, FABIEN, FR
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[54] **SOLID ELECTROYTE FOR ELECTROCHEMICAL DEVICES**
[54] **ELECTROLYTE SOLIDE POUR DISPOSITIFS ELECTROCHIMIQUES**
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[72] FAURE, ANNE-CHARLOTTE, FR
[71] I-TEN, FR
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[54] **THRESHOLD DETERMINING AND IDENTITY VERIFICATION METHOD, APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM**
[54] **DETERMINATION DE VALEUR DE SEUIL ET PROCEDE DE VERIFICATION D'IDENTITE, APPAREIL DE DETERMINATION DE VALEUR DE SEUIL ET DE VERIFICATION D'IDENTITE, DISPOSITIF ELECTRONIQUE ET SUPPORT DE STOCKAGE**
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[72] LU, YICHENG, CN
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[71] ADVANCED NEW TECHNOLOGIES CO., LTD., KY
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[54] **CERAMIQUE POREUSE POUR ELECTROLYTES UTILISEE DANS DES DISPOSITIFS ELECTRO-CHIMIQUES EN COUCHES MINCES**
[72] GABEN, FABIEN, FR
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[54] **ENSEIGNE LUMINEUSE PRESENTANT UN CABLAGE ELECTRIQUE A STRUCTURE VERTICALE**
[72] SARELS, KEVIN, FR
[71] KAIWEN CONSULTING, FR
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[54] **STATION DE CHARGE DE VEHICULE ELECTRIQUE**
[72] FREELING-WILKINSON, OLIVIER, GB
[71] URBAN ELECTRIC NETWORKS LTD, GB
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[54] **STRUCTURE DE PLAQUE DE BLOCAGE POUR UNE EFFICACITE DE TRANSMISSION ACOUSTIQUE AMELIOREE**
[72] BUCKLAND, JUSTIN, GB
[72] JACKSON, ADAM, GB
[72] ARAYA-WILLIAMS, AMARU, GB
[72] LONG, BENJAMIN, GB
[72] KAPPUS, BRIAN, US
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[72] LAWRENCE, JON D., US
[72] JEFFERIES, RYAN M., US
[72] NELSON, NICHOLAS R., US
[71] BPG SALES AND TECHNOLOGY INVESTMENTS, LLC, US
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[72] HOFFMANN, HELLA, GB
[72] LEMAITRE, JOSH, US
[72] NEFEDOV, NIKOLAI, CH
[72] VON RICKENBACH, DAVID, CH
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[54] **CLASSEMENT PAR ORDRE PRIORITE D'UN STOCKAGE DE DONNEES DE CHAINE DE BLOCS PARTAGEES**
[72] LU, ZHONGHAO, CN
[72] ZHUO, HAIZHEN, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
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[54] **GESTION DE POINTS DE CONFIANCE DANS DES SYSTEMES DE REGISTRES**
[72] GUAN, YAYANG, CN
[72] YANG, XINYING, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
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[54] **DEVICES AND METHODS FOR DETERMINING THE DENSITY OF INSULATION**
[54] **DISPOSITIFS ET PROCEDES DE DETERMINATION DE LA DENSITE D'UNE ISOLATION**
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[72] KNUTSON, DAVID, US
[72] NDOBO-EPOY, JEAN-PHILIPPE, US
[72] EVANS, PHILLIP, US
[72] BRIGGS, TIMOTHY, US
[72] WILSON, JONATHAN, US
[72] DUBOST, BRICE, US
[71] CERTAINTEED LLC, US
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[54] **PROCEDE ET SYSTEME DE FORMATION D'EMBALLAGES**
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[72] CONATSER, ROBERT L., US
[72] BAXLEY, JAMES, US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **MISE EN OEUVRE D'ITERATIONS DE CARTE DANS UN SYSTEME BASE SUR UNE CHAINE DE BLOCS**
[72] HE, JIAHUA, CN
[72] YU, BENQUAN, CN
[71] ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD., CN
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[72] LEWIS, ANDREW LENNARD, GB
[72] VINCE, JONATHAN, GB
[72] BRITTON, HUGH, GB
[72] ASHRAFI, KOOROSH, GB
[72] GUEGEN, DAMIEN, GB
[72] WILLIS, SEAN LEO, GB
[71] BIOCOMPATIBLES UK LIMITED, GB
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[54] **SYSTEME ET APPAREIL POUR DETERMINER LA POSITION DE VEHICULES GUIDES SUR RAILS SUR UN SYSTEME DE VOIE FERREE**
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[71] ICOMERA AB, SE
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[54] **DISPOSITIF INHALATEUR**
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[71] PHARMADEVICES S.R.L., IT
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[54] **PROTEINES DE FUSION COMPOSEES D'UNE MUTEINE D'INTERLEUKINE-2 ET D'UN INTERFERON DE TYPE 1**
[72] HERNANDEZ GARCIA, TAYS, CU
[72] RABADE CHEDIAK, MAURA LISETT, CU
[72] LEON MONZON, KALET, CU
[72] MESA PARDILLO, CIRCE, CU
[72] FERNANDEZ MOLINA, LUIS ENRIQUE, CU
[72] HEVIA HERNANDEZ, GISELLE, CU
[71] CENTRO DE INMUNOLOGIA MOLECULAR, CU
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[54] **FORME POSOLOGIQUE DE COMPRIME POUR L'ABSORPTION BUCCALE D'INGREDIENTS ACTIFS**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
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[54] **CARTOUCHE DE FILTRE VISSABLE POUVANT ETRE FACILEMENT DEMONTEE POUR PERMETTRE LE REMPLACEMENT D'UNE UNITE DE FILTRE INCLUSE DANS CELLE-CI**
[72] PASOTTO, VILMO, IT
[71] FAI FILTRI S.R.L., IT
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[54] **OUTIL/TABLEAU DE BORD DE PREVISION DE MATURITE DE CYBERSECURITE**
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[71] DIGNITY HEALTH, US
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[54] **INSTRUMENTS CHIRURGICAUX OPHTALMIQUES ET LEURS PROCEDES D'UTILISATION**
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[54] **DISPOSITIF DE STOCKAGE DE FEUILLES DE PAPIER ET DISPOSITIF DE TRAITEMENT DE FEUILLES DE PAPIER**
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[71] JAPAN CASH MACHINE CO., LTD., JP
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[54] **DISPOSITIF DE TRANSPORT DE METAL FONDU CONDUCTEUR, SYSTEME DE TRANSPORT DE METAL FONDU CONDUCTEUR ET PROCEDE DE TRANSPORT DE METAL FONDU CONDUCTEUR**
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[54] **PROCEDE DE CONVERSION D'UN GROUPE HYDROXYLE D'ALCOOL**
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[72] HORI, KIYOTO, JP
[72] MAEDA, HIRONORI, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
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[54] **DISPOSITIF DE GESTION DE MICRO-ECHANTILLON DE LIQUIDE BIOLOGIQUE**
[72] EDELHAUSER, ADAM, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **SYSTEME ET PROCEDE DE GESTION UNIVERSITAIRE DE RECONNAISSANCE DE CREDITS CENTREE SUR LE TALENT ET L'EXPERIENCE DE TRAVAIL, ET SYSTEME DE FOURNITURE DE SERVICE DE BANQUE DE CONTRIBUTION DE TALENTS L'UTILISANT**
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[54] **EMBALLAGE D'ENSEMBLE DE PRELEVEMENT DE LIQUIDE QUI FORME UN SUPPORT DE TUBE**
[72] WILKINSON, BRADLEY M., US
[72] KOLB, MATTHEW L., US
[71] BECTON, DICKINSON AND COMPANY, US
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[87] (WO2019/212947)
[30] US (62/664,506) 2018-04-30

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[51] **Int.Cl. H02J 9/00 (2006.01) H05B 33/08 (2020.01)**
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[54] **SYSTEM AND METHOD FOR CONTROLLING AUXILIARY POWER SUPPLY**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ALIMENTATION ELECTRIQUE AUXILIAIRE**
[72] BURK, JESSICA LYNN, US
[72] TRACY, DAVID JOSEPH, US
[72] SCHEIDEGGER, NINA ROSE, US
[72] HEIDA, MATTHEW, US
[72] VEGH, TAMAS ISTVAN, HU
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[85] 2020-10-28
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[87] (WO2019/213406)
[30] US (15/970,473) 2018-05-03

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[51] **Int.Cl. A61B 5/1455 (2006.01) A61B 1/00 (2006.01) A61B 5/00 (2006.01) A61B 5/02 (2006.01)**
[25] EN
[54] **PRESSURE SENSITIVE STRAP FOR WEARABLE ELECTRONICS**
[54] **SANGLE SENSIBLE A LA PRESSION POUR DISPOSITIF ELECTRONIQUE POUVANT ETRE PORTE**
[72] WIESE, DANIEL, US
[72] ANDERSON, PAMELA G., US
[72] BABINI, ALESSANDRO, US
[71] WHOOP, INC., US
[85] 2020-10-28
[86] 2019-04-30 (PCT/US2019/029913)
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[30] US (62/665,448) 2018-05-01

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[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVING MACHINES AND SYSTEMS THAT AUTOMATE EXECUTION OF DISTRIBUTED LEDGER AND OTHER TRANSACTIONS IN SPOT AND FORWARD MARKETS FOR ENERGY, COMPUTE, STORAGE AND OTHER RESOURCES**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER DES MACHINES ET DES SYSTEMES QUI AUTOMATISENT L'EXECUTION D'UN REGISTRE DISTRIBUE ET D'AUTRES TRANSACTIONS SUR DES MARCHES AU COMPTANT ET A TERME POUR L'ENERGIE, LE CALCUL, LE STOCKAGE ET D'AUTRES RESSOURCES**
[72] CELLA, CHARLES HOWARD, US
[71] STRONG FORCE TX PORTFOLIO 2018, LLC, US
[85] 2020-10-28
[86] 2019-05-06 (PCT/US2019/030934)
[87] (WO2019/217323)
[30] US (62/667,550) 2018-05-06
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[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/153 (2006.01)**
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[54] **CAP WITH VENTING PLUG FOR BIOLOGICAL FLUID COLLECTION DEVICE**
[54] **CAPUCHON AVEC BOUCHON DE VENTILATION POUR DISPOSITIF DE COLLECTE DE FLUIDE BIOLOGIQUE**
[72] IVOSEVIC, MILAN, US
[72] MUTHARD, RYAN W., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-10-28
[86] 2019-04-30 (PCT/US2019/029926)
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[54] **THREAT CONTROL AND PREVENTION FOR ANDROID SYSTEMS**
[54] **LUTTE CONTRE ET PREVENTION DES MENACES POUR SYSTEMES ANDROID**
[72] MORONEY, PAUL, US
[72] MORENO, CESAR A., US
[72] MUDALIAR, GOPALKRISHNA V., US
[72] KAUSHAL, ARPAN KUMAR, CA
[71] ARRIS ENTERPRISES LLC, US
[85] 2020-10-28
[86] 2019-05-06 (PCT/US2019/030968)
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[30] US (62/667,531) 2018-05-06
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[54] **NANOGAS SHEAR PROCESSING**
[54] **TRAITEMENT DE CISAILLEMENT DE NANOGAZ**
[72] FOLDS, RUDY M., US
[72] FIEDLER, SCOTT A., US
[72] HARDIN, JEFFREY K., US
[71] NANO GAS TECHNOLOGIES, INC., US
[85] 2020-10-28
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[51] **Int.Cl. C07K 14/65 (2006.01) A61K 48/00 (2006.01) C12N 9/24 (2006.01)**
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[54] **GENE THERAPY CONSTRUCTS AND METHODS OF USE**
[54] **CONSTRUCTIONS DE THERAPIE GENIQUE ET PROCEDES D'UTILISATION**
[72] DO, HUNG, US
[72] TUSKE, STEVEN, US
[72] GOTSCHALL, RUSSELL, US
[72] LIU, CE FENG, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2020-10-28
[86] 2019-04-30 (PCT/US2019/030076)
[87] (WO2019/213180)
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[51] **Int.Cl. G01R 22/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DATA PRESERVATION AND POWER LOSS RECOVERY IN AN ELECTRIC METER**
[54] **DISPOSITIF ET PROCEDE DE CONSERVATION DE DONNEES ET DE REPRISE APRES INTERRUPTION DE L'ALIMENTATION DANS UN COMPTEUR ELECTRIQUE**
[72] SCHAMBER, DAVID, US
[72] BOBICK, DAVID, US
[71] LANDIS+GYR LLC, US
[85] 2020-10-28
[86] 2019-05-07 (PCT/US2019/031032)
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[30] US (15/976,190) 2018-05-10

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[25] EN
[54] **FLUID COLLECTION DEVICES, RELATED SYSTEMS, AND RELATED METHODS**
[54] **DISPOSITIFS DE COLLECTE DE FLUIDE, SYSTEMES ASSOCIES, ET PROCEDES ASSOCIES**
[72] SPECTOR, MARK, US
[71] PUREWICK CORPORATION, US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029611)
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[30] US (62/665,297) 2018-05-01

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[54] **GAMMA-RAY ATTENUATOR AND GAMMA-RAY SHIELD FOR GAMMA-RAY SPECTROSCOPY**
[54] **ATTENUATEUR DE RAYONS GAMMA ET BOUCLIER CONTRE LES RAYONS GAMMA POUR SPECTROSCOPIE PAR RAYONS GAMMA**
[72] SCHAAP, BART, US
[72] MARSHALL, STERLING, US
[71] CURIUM US LLC, US
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[86] 2019-05-08 (PCT/US2019/031299)
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[30] US (62/668,669) 2018-05-08

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[25] EN
[54] **INFORMATION ELEMENT TO INDICATE LOSS OF BACKHAUL CONNECTION**
[54] **ELEMENT D'INFORMATIONS PERMETTANT L'INDICATION D'UNE PERTE DE CONNEXION DE LIAISON TERRESTRE**
[72] HETT, CHRISTOPHER SCOTT, US
[72] HARRIS, LAWRENCE, US
[72] BHATT, VIVEK, US
[72] CORNWALL, CRAIG, US
[72] HANLEY, JAMES PATRICK, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2020-10-28
[86] 2019-05-01 (PCT/US2019/030138)
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[30] US (15/974,541) 2018-05-08

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **ACTIVIN RECEPTOR TYPE IIA VARIANTS AND METHODS OF USE THEREOF**
[54] **VARIANTS DU RECEPTEUR DE L'ACTIVINE DE TYPE IIA ET LEURS PROCEDES D'UTILISATION**
[72] SEEHRA, JASBIR S., US
[72] LACHEY, JENNIFER, US
[71] KEROS THERAPEUTICS, INC., US
[85] 2020-10-28
[86] 2019-05-09 (PCT/US2019/031573)
[87] (WO2019/217715)
[30] US (62/669,075) 2018-05-09
[30] US (62/702,735) 2018-07-24

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[51] **Int.Cl. A61F 5/451 (2006.01) A61F 5/453 (2006.01) A61F 5/455 (2006.01)**
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[54] **FLUID COLLECTION GARMENTS**
[54] **VETEMENTS DE COLLECTE DE FLUIDE**
[72] GLITHERO, JASON IAIN, US
[72] JOHANNES, ASHLEY MARIE, US
[72] KNAPP, TRACEY, US
[72] MEYER, ANDREW, US
[72] MORNHINWEG, DAVID, US
[71] PUREWICK CORPORATION, US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029613)
[87] (WO2019/212954)
[30] US (62/665,335) 2018-05-01

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[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/10 (2006.01) A01N 25/28 (2006.01) A01P 7/04 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **STABILIZED CHEMICAL COMPOSITION**
[54] **COMPOSITION CHIMIQUE STABILISEE**
[72] FOWLER, JEFFERY DAVID, US
[72] KIM, SEJONG, US
[72] LEBEDEVA, NATALIA, US
[72] NARSALE, JELENA, US
[71] SYNGENTA CROP PROTECTION AG, CH
[85] 2020-10-28
[86] 2019-05-10 (PCT/US2019/031644)
[87] (WO2019/217770)
[30] US (62/670,271) 2018-05-11

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[51] **Int.Cl. B29C 65/02 (2006.01) B29C 65/00 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **METHODS OF JOINING ROTOR BLADE COMPONENTS USING THERMOPLASTIC WELDING**
[54] **PROCEDES D'ASSEMBLAGE DE COMPOSANTS DE PALE DE ROTOR PAR SOUDAGE THERMOPLASTIQUE**
[72] TOBIN, JAMES ROBERT, US
[72] YARBROUGH, AARON A., US
[72] HYNUM, DANIEL ALAN, US
[72] CARUSO, CHRISTOPHER DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2020-10-28
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[51] **Int.Cl. A61M 25/092 (2006.01) A61M 25/01 (2006.01) A61M 25/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEVICE STEERING, TRACKING, AND NAVIGATION OF DEVICES FOR INTERVENTIONAL PROCEDURES**
[54] **SYSTEME ET PROCEDE DE GUIDAGE, DE SUIVI ET DE NAVIGATION DE DISPOSITIFS POUR DES PROCEDURES D'INTERVENTION**
[72] TAVALLAEI, MOHAMMAD ALI, CA
[72] LAM, EMILY MAN-SHEUN, CA
[72] ZHOU, JAMES JIEWEN, CA
[72] WRIGHT, GRAHAM A., CA
[71] MAGELLAN BIOMEDICAL INC., CA
[85] 2020-10-28
[86] 2019-05-01 (PCT/US2019/030142)
[87] (WO2019/213215)
[30] US (62/665,046) 2018-05-01
[30] US (62/799,473) 2019-01-31
[30] US (62/803,708) 2019-02-11

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[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/00 (2006.01) A61B 18/20 (2006.01) A61N 5/01 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR INDUCING LYPOLYSIS IN HUMANS**
[54] **DISPOSITIF ET PROCEDE POUR INDUIRE UNE LIPOLYSE CHEZ DES ETRES HUMAINS**
[72] GANDEL, BRIAN A., US
[71] GANDEL, BRIAN A., US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029658)
[87] (WO2019/212972)
[30] US (62/664,221) 2018-04-29
[30] US (16/397,098) 2019-04-29

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[51] **Int.Cl. A63G 21/18 (2006.01)**
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[54] **WATER ATTRACTION DISPATCH SYSTEM**
[54] **SYSTEME DE REPARTITION POUR ATTRACTION AQUATIQUE**
[72] HELMICK, DAVID, US
[72] TAYLOR, ELLIOT, US
[72] SCHWARTZ, JUSTIN MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-10-28
[86] 2019-05-13 (PCT/US2019/032044)
[87] (WO2019/226394)
[30] US (62/676,018) 2018-05-24
[30] US (16/107,325) 2018-08-21

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[51] **Int.Cl. B29C 64/106 (2017.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B29C 70/02 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING WIND TURBINE ROTOR BLADES AND COMPONENTS THEREOF**
[54] **PROCEDES DE FABRICATION DE PALES DE ROTOR D'EOLIENNE ET COMPOSANTS DE CELLES-CI**
[72] TOBIN, JAMES ROBERT, US
[72] JOHNSON, STEPHEN BERTRAM, US
[72] LIVINGSTON, JAMIE T., US
[72] WALKER, ALAN M., US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. E02B 3/04 (2006.01) E02B 3/12 (2006.01) E02D 17/20 (2006.01)**
[25] EN
[54] **FENCE SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE CLOTURE ET PROCEDE D'UTILISATION**
[72] SCHAAF, DANIEL SHANE, US
[71] SOX, LLC, US
[85] 2020-10-28
[86] 2019-05-14 (PCT/US2019/032160)
[87] (WO2019/222171)
[30] US (62/671,223) 2018-05-14

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[51] **Int.Cl. A61K 35/747 (2015.01) A61K 35/741 (2015.01) A61K 35/742 (2015.01) A23K 10/16 (2016.01) A23K 10/18 (2016.01)**
[25] EN
[54] **MICROBIALS FOR FEED**
[54] **AGENTS MICROBIENS POUR L'ALIMENTATION**
[72] KING, MICHAEL R., US
[72] SON, SONA, US
[72] LEISTIKOW, KYLE, US
[72] SPENCER, JOEL D., US
[71] MICROBIAL DISCOVERY GROUP, LLC, US
[71] UNITED ANIMAL HEALTH, INC., US
[85] 2020-10-28
[86] 2019-05-01 (PCT/US2019/030182)
[87] (WO2019/213243)
[30] US (62/665,380) 2018-05-01
[30] US (62/778,495) 2018-12-12

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[51] **Int.Cl. C07D 498/18 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **C40-, C28-, AND C-32-LINKED RAPAMYCIN ANALOGS AS MTOR INHIBITORS**
[54] **ANALOGUES DE RAPAMYCINE LIES A C40, C28 ET C32 EN TANT QU'INHIBITEURS DE MTOR**
[72] PITZEN, JENNIFER, US
[72] GLIEDT, MICAH JAMES EVANS, US
[72] BURNETT, G. LESLIE, US
[72] AGGEN, JAMES BRADLEY, US
[72] KISS, GERT, US
[72] CREGG, JAMES JOSEPH, US
[72] SEMKO, CHRISTOPHER MICHAEL, US
[72] WON, WALTER, US
[72] WANG, GANG, US
[72] LEE, JULIE CHU-LI, US
[72] THOTTUMKARA, ARUN P., US
[72] GILL, ADRIAN LIAM, US
[72] MELLEM, KEVIN T., US
[71] REVOLUTION MEDICINES, INC., US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029737)
[87] (WO2019/212990)
[30] US (62/665,435) 2018-05-01
[30] US (62/752,874) 2018-10-30
[30] US (62/836,036) 2019-04-18

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[51] **Int.Cl. F02C 7/236 (2006.01) F02D 19/02 (2006.01) F25B 1/047 (2006.01)**
[25] EN
[54] **CONDITIONING, COMPRESSING, AND STORING HYDROCARBON GAS FOR MOBILE, ELECTRIC POWER GENERATION**
[54] **CONDITIONNEMENT, COMPRESSION ET STOCKAGE DE GAZ D'HYDROCARBURE POUR LA PRODUCTION D'ENERGIE ELECTRIQUE MOBILE**
[72] MORRIS, JEFFREY G., US
[72] VANN, BRETT, US
[71] TYPHON TECHNOLOGY SOLUTIONS, LLC, US
[85] 2020-10-28
[86] 2019-05-16 (PCT/US2019/032645)
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[30] US (62/672,287) 2018-05-16

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[51] **Int.Cl. A47G 29/14 (2006.01) G06Q 10/10 (2012.01) G06Q 50/28 (2012.01) B64C 39/02 (2006.01) B64F 1/04 (2006.01) B64F 1/32 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **MAILBOX ASSEMBLY**
[54] **ENSEMBLE BOITE AUX LETTRES**
[72] WALSH, RYAN, US
[72] FALESCH, ALEXANDER J., US
[71] VALQARI HOLDINGS, LLC, US
[85] 2020-10-28
[86] 2018-05-16 (PCT/US2018/033059)
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[30] US (62/507,133) 2017-05-16
[30] US (62/513,430) 2017-05-31
[30] US (62/574,177) 2017-10-18
[30] US (15/854,584) 2017-12-26

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[51] **Int.Cl. B01J 20/22 (2006.01) B01J 20/28 (2006.01) B01J 31/22 (2006.01)**
[25] EN
[54] **METHOD OF MAKING COLLOIDAL SUSPENSIONS OF METAL ORGANIC FRAMEWORKS IN POLYMERIC SOLUTIONS AND USES THEREOF**
[54] **PROCEDE DE PRODUCTION DE SUSPENSIONS COLLOIDALES DE STRUCTURES ORGANOMETALLIQUES DANS DES SOLUTIONS POLYMERES ET UTILISATIONS ASSOCIEES**
[72] LUZ MINGUEZ, IGNACIO, US
[72] SOUKRI, MUSTAPHA, US
[72] LAIL, MARTY, US
[72] TOY, LORA GOON, US
[71] RESEARCH TRIANGLE INSTITUTE, US
[85] 2020-10-28
[86] 2019-05-17 (PCT/US2019/032766)
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[30] US (62/673,389) 2018-05-18

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[51] **Int.Cl. E02F 3/34 (2006.01) E02F 3/36 (2006.01) E02F 9/20 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **AUTOMATED COUPLING OF AN IMPLEMENT TO AN IMPLEMENT CARRIER OF A POWER MACHINE**
[54] **COUPLAGE AUTOMATISE D'UN OUTIL A UN SUPPORT D'OUTIL D'UNE MACHINE MOTRICE**
[72] CLARK, CHRISTOPHER, US
[72] FATEHPURIA, AMAN, IN
[72] SHI, JINGNAN, CN
[72] LUPANOW, JESSICA A., US
[72] OLUMESE, DAVID E., CH
[72] RUBIN, GABRIEL L., US
[72] JOSO, DARIEN J., US
[72] YAMADA, KAYLA, US
[71] CLARK EQUIPMENT COMPANY, US
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[86] 2019-05-01 (PCT/US2019/030185)
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[30] US (62/665,160) 2018-05-01
[30] US (62/665,167) 2018-05-01

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[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/436 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **C26-LINKED RAPAMYCIN ANALOGS AS MTOR INHIBITORS**
[54] **ANALOGUES DE RAPAMYCINE LIES A C26 UTILISES EN TANT QU'INHIBITEURS DE MTOR**
[72] SEMKO, CHRISTOPHER MICHAEL, US
[72] WANG, GANG, US
[72] BURNETT, G. LESLIE, US
[72] AGGEN, JAMES BRADLEY, US
[72] KISS, GERT, US
[72] CREGG, JAMES JOSEPH, US
[72] GLIEDT, MICAH JAMES EVANS, US
[72] PITZEN, JENNIFER, US
[72] LEE, JULIE CHU-LI, US
[72] WON, WALTER, US
[72] THOTTUMKARA, ARUN P., US
[72] GILL, ADRIAN LIAM, US
[71] REVOLUTION MEDICINES, INC., US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029738)
[87] (WO2019/212991)
[30] US (62/665,426) 2018-05-01
[30] US (62/752,881) 2018-10-30
[30] US (62/836,040) 2019-04-18

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[51] **Int.Cl. G01F 1/66 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **FLOWMETERS AND METHODS OF MANUFACTURE**
[54] **DEBITMETRES ET PROCEDES DE FABRICATION**
[72] GOTTLIEB, EMANUEL JOHN, US
[72] MAGADI, GOPALAKRISHNA SRINIVASAMURTHY, US
[71] SENSIA LLC, US
[85] 2020-10-28
[86] 2018-12-04 (PCT/US2018/063872)
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[30] US (15/835,097) 2017-12-07

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[51] **Int.Cl. E21B 34/12 (2006.01) E21B 33/13 (2006.01) E21B 34/00 (2006.01) E21B 43/26 (2006.01)**
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[54] **FRAC VALVE**
[54] **VANNE DE FRACTURATION**
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[72] KLIEWER, GREGORY A., US
[72] FEARS, BRETT A., US
[71] THRU TUBING SOLUTIONS, INC., US
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[54] **HAND TRUCK WITH TOE PLATE**
[54] **DIABLE A PLATEAU SABOT**
[72] BOYER, JASON A., US
[71] DOREL HOME FURNISHINGS, INC., US
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[51] **Int.Cl. G06F 21/62 (2013.01)**
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[54] **SYSTEMS AND METHODS FOR CONTROLLING DATA EXPOSURE USING ARTIFICIAL-INTELLIGENCE-BASED MODELING**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'EXPOSITION DE DONNEES A L'AIDE D'UNE MODELISATION FONDEE SUR L'INTELLIGENCE ARTIFICIELLE**
[72] SCHROEDER, KRISTOPHER PAUL, US
[72] UNDERWOOD, TIMOTHY RYAN, US
[71] GREY MARKET LABS, PBC, US
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[25] EN
[54] **APPARATUS AND METHOD FOR RESOURCE ALLOCATION PREDICTION AND MODELING, AND RESOURCE ACQUISITION OFFER GENERATION, ADJUSTMENT AND APPROVAL**
[54] **APPAREIL ET PROCEDE DE PREDICTION ET DE MODELISATION D'ATTRIBUTION DE RESSOURCES, ET GENERATION, AJUSTEMENT ET APPROBATION D'OFFRE D'ACQUISITION DE RESSOURCES**
[72] DHIRASARIA, DEEPAK KUMAR, US
[72] JEFFRIES, RONNIE, III, US
[72] STAUFFER, JAY, JR., US
[72] MOORTHY, SATISH, US
[72] CALTABIANO, BRETT, US
[72] JHA, VIVEK KUMAR, US
[71] ASSURANT, INC., US
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[25] EN
[54] **WATER-SOLUBLE POLYVINYL ALCOHOL FILM, RELATED METHODS, AND RELATED ARTICLES**
[54] **FILM A BASE D'ALCOOL POLYVINYLIQUE HYDROSOLUBLE, PROCEDES ASSOCIES ET ARTICLES ASSOCIES**
[72] GOETZ, RICHARD, US
[72] CHILDERS, JENNIFER L., US
[71] MONOSOL, LLC, US
[85] 2020-10-28
[86] 2019-05-02 (PCT/US2019/030321)
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[30] US (62/666,067) 2018-05-02

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[54] **METHOD FOR SOLUTION-PHASE PEPTIDE SYNTHESIS AND PROTECTING STRATEGIES THEREOF**
[54] **PROCEDE DE SYNTHESE PEPTIDIQUE EN PHASE SOLUTION ET STRATEGIES DE PROTECTION ASSOCIEES**
[72] SEIFERT, COLE, US
[71] GAP PEPTIDES LLC, US
[85] 2020-10-28
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[54] **TERRY FABRIC WITH FAUX DOBBY AND METHODS OF MAKING TERRY FABRIC WITH FAUX DOBBY**
[54] **TISSU EPONGE AVEC FAUX TISSU ARMURE ET PROCEDES DE FABRICATION DE TISSU EPONGE AVEC FAUX TISSU ARMURE**
[72] VANUNU, PINHAS, US
[72] MCCORMICK, SCOTT D., US
[72] DORON, NIV, US
[71] STANDARD TEXTILE CO., INC., US
[85] 2020-10-28
[86] 2019-05-02 (PCT/US2019/030380)
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[54] **ANTI-SIRPA ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-SIRPA ET LEURS PROCEDES D'UTILISATION**
[72] PINCETIC, ANDREW, US
[72] HO, WEI-HSIEN, US
[72] CULP, PATRICIA, US
[72] ROSENTHAL, ARNON, US
[71] ALECTOR LLC, US
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[54] **FLEXIBLE WIND TURBINE BLADE WITH ACTIVELY VARIABLE TWIST DISTRIBUTION**
[54] **PALE FLEXIBLE D'EOLIENNE, A REPARTITION DE TORSION ACTIVEMENT VARIABLE**
[72] HALL, JOHN, US
[72] KHAKPOUR NEJADKHAKI, HAMID, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2020-10-28
[86] 2019-04-29 (PCT/US2019/029755)
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[25] EN
[54] **PROCESSES FOR ENHANCING YEAST GROWTH AND PRODUCTIVITY**
[54] **PROCEDES D'AMELIORATION DE LA CROISSANCE ET DE LA PRODUCTIVITE DE LEVURES**
[72] SHOWS, ANGELA, US
[72] GASPAR, ARMINDO RIBEIRO, US
[71] NOVOZYMES A/S, DK
[85] 2020-10-28
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[54] **MULTIPLEXED CATALYZED REPORTER DEPOSITION**
[54] **DEPOT DE RAPPORTEUR CATALYSE MULTIPLEXE**
[72] BOBROW, MARK, US
[72] HENNEK, STEPHANIE, US
[72] MANESSE, MAEL, US
[71] ULTIVUE, INC., US
[85] 2020-10-28
[86] 2019-06-06 (PCT/US2019/035785)
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[25] EN
[54] **METHOD OF ENSURING CONTROLLED FAILURE OF ROCK BOLT BAR**
[54] **PROCEDE POUR ASSURER UNE DEFAILLANCE CONTROLEE D'UNE BARRE DE BOULON D'ANCRAGE**
[72] ABREU, RUAL, ZA
[72] PASTORINO, PAOLO ETTORE, ZA
[72] KNOX, GREIG, ZA
[71] EPIROC DRILLING TOOLS AB, SE
[85] 2020-10-28
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[54] **BREATHING ASSISTANCE ORAL APPARATUS**
[54] **APPAREIL BUCCAL D'ASSISTANCE RESPIRATOIRE**
[72] HART, CHRISTOPHER PATRICK, AU
[72] ANDERSON, NEIL, AU
[72] SLATER, MICHAEL LEIGH, AU
[72] LOW, BENJAMIN, AU
[72] OGLE, DAVID, AU
[72] NGUYEN, VU THUA, AU
[71] OVENTUS MEDICAL LIMITED, AU
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[25] EN
[54] **SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] ZHEKOVA, VIKTORIYA PLAMENOVA, BG
[72] MANOLOVA, NATALIA ILIEVA, BG
[71] "HEIGHT TECHNOLOGY DEVELOPMENT" LTD., BG
[85] 2020-10-29
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[25] EN
[54] **MODULAR UNMANNED AUTOMATED TANDEM ROTOR AIRCRAFT**
[54] **AERONEF A ROTOR TANDEM AUTOMATISE SANS PILOTE MODULAIRE**
[72] GRAY, SCOTT, CA
[72] VAN WIJNGAARDEN, RICHARD, CA
[72] PALECZNY, TODD, CA
[71] AVIDRONE AEROSPACE INCORPORATED, CA
[85] 2020-10-29
[86] 2019-04-30 (PCT/CA2019/050560)
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[54] **ATTRACTIFS POUR SOURIS**
[72] GRIES, GERHARD J., CA
[72] GRIES, REGINE M., CA
[72] TAKACS, STEPHEN J., CA
[72] VARNER, ELANA, CA
[71] GRIES, GERHARD J., CA
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[54] **SECURE ACCESS CONTROL**
[54] **CONTROLE D'ACCES SECURISE**
[72] OUELLET, SYLVAIN, CA
[71] GENETEC INC., CA
[85] 2020-10-29
[86] 2019-05-03 (PCT/CA2019/050592)
[87] (WO2019/210427)
[30] US (62/667,149) 2018-05-04
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[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 30/08 (2012.01) G06F 16/27 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **BLOCKCHAIN DATA EXCHANGE NETWORK AND METHODS AND SYSTEMS FOR SUBMITTING DATA TO AND TRANSACTING DATA ON SUCH A NETWORK**
[54] **RESEAU D'ECHANGE DE DONNEES DE CHAINE DE BLOCS, ET PROCEDES ET SYSTEMES POUR SOUMETTRE DES DONNEES A UN TEL RESEAU ET EFFECTUER DES TRANSACTIONS DE DONNEES DESSUS**
[72] EICHEL, JUSTIN A., CA
[72] MCBRIDE, KURTIS N., CA
[72] BHAVNANI, JEAN-PIERRE, CA
[72] BERGSTROM, JAN, CA
[71] MIOVISION TECHNOLOGIES INCORPORATED, CA
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[25] EN
[54] **METHOD AND SYSTEM FOR WORKFORCE ELASTICITY INDEXING**
[54] **PROCEDE ET SYSTEME D'INDEXATION D'ELASTICITE DE LA MAIN-D'□UVRE**
[72] NEWMAN, KURT, US
[72] GHOSH, DEBASHIS, US
[72] COLE, RAMSAY, US
[71] ADP, LLC, US
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[51] **Int.Cl. A61G 13/12 (2006.01) A61B 6/04 (2006.01) A61B 6/10 (2006.01)**
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[54] **ARM SUPPORT APPARATUS**
[54] **APPAREIL DE SUPPORT DE BRAS**
[72] YADEGARI, ANDREW BARBOD, CA
[72] MCLELLAN, ANDREW STEPHEN, CA
[71] ARMERY MEDICAL TECHNOLOGIES INC., CA
[85] 2020-10-29
[86] 2019-05-29 (PCT/CA2019/050727)
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[51] **Int.Cl. A61B 5/00 (2006.01)**
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[54] **ELECTRONIC PATCH**
[54] **TIMBRE ELECTRONIQUE**
[72] EDGINGTON, SEAN, AU
[72] BACCALINI, FRANK, AU
[72] MCCLOSKEY, PAUL, US
[71] AAG WEARABLE TECHNOLOGIES PTY LTD, AU
[85] 2020-10-29
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[54] **DISPLAY INTERFACE SWITCHING METHOD, DISPLAY INTERFACE SWITCHING APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL POUR COMMUTER UNE INTERFACE D'AFFICHAGE, ET DISPOSITIF ELECTRONIQUE**
[72] JIANG, KUN, CN
[71] BEIJING MICROLIVE VISION TECHNOLOGY CO., LTD, CN
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[54] **DISPOSITIF DE FABRICATION DE TUYAU POUR TUYAU HELICOIDAL**
[72] SUGAHARA, HIROSHI, JP
[72] BABA, TATSUROU, JP
[72] TSUDA, NAOYA, JP
[72] YAMASAKI, MASAHIRO, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[22] 2017-08-30
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[30] JP (2016-167491) 2016-08-30
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[72] WARMERDAM, JEAN PAUL, NL
[71] MOOG BV, NL
[22] 2013-08-23
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[54] **HARDENED VOICE OVER IP (VOIP) SYSTEM**
[54] **SYSTEME RENFORCE DE VOIX SUR IP**
[72] BOCKRATH, PHILIP B., US
[72] CURTIS, DARRYL G., US
[71] VOBRIDGE COMMUNICATIONS LLC, US
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[54] **AN IMPROVED PACKET STRUCTURE**
[54] **UNE STRUCTURE DE GARNITURE AMELIOREERE**
[72] BADER, AHMED, JO
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
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[54] **PROSTHETIC HEART VALVE HAVING IMPROVED COMMISSURE SUPPORTS**
[54]
[72] YOHANAN, ZIV, US
[72] LEVI, TAMIR S., US
[72] BENICHOU, NETANEL, US
[72] BUKIN, MICHAEL, US
[72] GUROVICH, NIKOLAY, US
[72] SHERMAN, ELENA, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **MDCT-BASED COMPLEX PREDICTION STEREO CODING**
[54] **CODAGE STEREO A PREDICTION COMPLEXE A BASE DE MDCT**
[72] PURNHAGEN, HEIKO, SE
[72] CARLSSON, PONTUS, SE
[72] VILLEMOES, LARS, SE
[71] DOLBY INTERNATIONAL AB, NL
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[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **CARTRIDGE, AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS WHICH USES CARTRIDGE**
[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[72] MORIOKA, MASANARI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54] **CONCEPTION D'UNE PREPARATION VIRTUELLE ET D'UNE GENCIVE VIRTUELLE**
[72] FISKER, RUNE, DK
[72] NONBOE, SVEN, DK
[71] 3SHAPE A/S, DK
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[30] DK (PA 2010 00982) 2010-10-29
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[51] **Int.Cl. A61F 2/958 (2013.01) A61F 2/24 (2006.01) A61M 25/10 (2013.01)**
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[54] **REINFORCED INFLATABLE MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX GONFLABLES RENFORCES**
[72] TILSON, ALEXANDER Q., US
[72] DREYER, PAUL J., US
[72] BARHAM, MITCHELL C., US
[72] SCHEEFF, MARK C., US
[72] LOVE, CHARLES S., US
[72] GOMES, GARRETT J., US
[72] MOORE, CAMERON S., US
[72] KURNIAWAN, JONATHAN, US
[71] LOMA VISTA MEDICAL, INC., US
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[54] **REACTIVE METAL POWDERS IN-FLIGHT HEAT TREATMENT PROCESSES**
[54] **PROCEDES DE TRAITEMENT THERMIQUE EN VOL DE POUDRES METALLIQUES REACTIVES**
[72] LAROUCHE, FREDERIC, CA
[72] MARION, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[71] AP&C ADVANCED POWDERS & COATINGS INC., CA
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[54] **SUBMERGED COMBUSTION MELTERS AND METHODS**
[54] **POTS DE FUSION ET PROCEDES A COMBUSTION IMMERGEE**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
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[54] **MOBILE GAMING ALERT**
[54] **ALERTE POUR DES JEUX SUR LA PLATEFORME MOBILE**
[72] ALDERUCCI, DEAN P., US
[72] MILLER, MARK, US
[72] PLOTT, CHARLES, US
[71] CFPH, L.L.C., US
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Index of Canadian Patents Issued

November 24, 2020

Index des brevets canadiens délivrés

24 novembre 2020

Index des brevets canadiens délivrés
24 novembre 2020

Index of Canadian Patents Issued
November 24, 2020

Index des brevets canadiens délivrés
24 novembre 2020

Index of Canadian Patents Issued
November 24, 2020

Index des brevets canadiens délivrés
24 novembre 2020

Index of Canadian Applications Open to Public Inspection

November 8, 2020 to November 14, 2020

Index des demandes canadiennes mises à la disponibilité du public

8 novembre 2020 au 14 novembre 2020

Index des demandes canadiennes mises à la disponibilité du public
8 novembre 2020 au 14 novembre 2020

Index of Canadian Applications Open to Public Inspection
November 8, 2020 to November 14, 2020

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

Index of PCT Applications Entering the National Phase

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant