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Canada

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.

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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:

2,741,212
2,794,132
2,811,372
2,819,211
2,867,115

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 :

2,741,212
2,794,132
2,811,372
2,819,211
2,867,115

2,871,559
2,874,246
2,874,459

2,871,559
2,874,246
2,874,459

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

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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

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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^MC^, ou par Xpresspost^MC^ 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.

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.

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.

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.

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

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.

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

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. 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 December 8, 2020 contains applications open to public inspection from November 22, 2020 to November 28, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 8 décembre 2020 contient les demandes disponibles au public pour consultation pour la période du 22 novembre 2020 au 28 novembre 2020.

Canadian Patents Issued

December 8, 2020

Brevets canadiens délivrés

8 décembre 2020

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[54] **PROCEDE ET APPAREIL DESTINES A DETERMINER LA GVF (FRACTION DE VOLUME DE GAZ) DE FLUIDES ET DE LIQUIDES AERES DANS DES RESERVOIRS DE FLOTTAISON, DES COLONNES, DES TAMBOURS, DES TUBES, DES CUVES**
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[54] **DECOUVERTE INNOVANTE DE COMPOSITIONS THERAPEUTIQUES, DE DIAGNOSTIC ET D'ANTICORPS SE RAPPORTANT A DES FRAGMENTS PROTEIQUES D'ISOLEUCYL ARNT SYNTHETASES**
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[72] HONG, FEI, US
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[72] WALDO, JESSE, US
[72] JAIPURI, FIROZ, US
[72] KESHARWANI, TANAY, US
[72] ZHANG, XIAOXIA, US
[73] NEWLINK GENETICS CORPORATION, US
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[54] **ARTICLE IN CAST IRON COMPRISING A VITREOUS COATING AND METHOD OF MANUFACTURING SUCH AN ARTICLE**
[54] **ARTICLE EN FONTE COMPORTANT UN REVETEMENT VITREUX ET PROCEDE DE FABRICATION D'UN TEL ARTICLE**
[72] MULLER, PIERRE JEAN, FR
[72] DUBANCHET, AURELIEN, FR
[72] PERILLON, JEAN-LUC, FR
[73] SEB SA, FR
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[54] **SYSTEME D'ACCROCHAGE DE TIGES ET DE TUBULAIRES**
[72] YORGA, ERICA PATRICIA, CA
[72] JACKSON, DERRICK, CA
[72] KNAPP, PAUL, CA
[72] RICHARD, DAVE, CA
[72] YIN, MINHAO, CA
[72] MILLER, HAROLD JAMES, CA
[73] KEY ENERGY SERVICES, LLC, US
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[54] **ANTICORPS CONTRE LE FACTEUR DE CROISSANCE NEURONALE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] GEARING, DAVID, AU
[73] NEXVET AUSTRALIA PTY LTD, AU
[85] 2013-11-01
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[54] **SYSTEMES POUR GESTION DE DONNEES DE SYNCHROPHASEUR**
[72] KANABAR, MITALKUMAR GULABRAI, CA
[72] AGUIRRE, OSCAR LOPEZ, ES
[72] ARGANDONA, RODRIGO GUTIERREZ, ES
[72] RODRIGUES, JASON ANTONIO, CA
[72] ADAMIAK, MARK GERARD, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **SUBSTITUTED (E)-N'-(1-PHENYLETHYLIDENE)BENZOHYDRAZIDE ANALOGS AS HISTONE DEMETHYLASE INHIBITORS**
[54] **ANALOGUES DE (E)-N'-(1-PHENYLETHYLIDENE)BENZOHYDRAZIDE SUBSTITUES EN TANT QU'INHIBITEURS DE L'HISTONE DEMETHYLASE**
[72] VANKAYALAPATI, HARIPRASAD, US
[72] SORNA, VENKATASWAMY, US
[72] WARNER, STEVE L., US
[72] BEARSS, DAVID J., US
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[54] **PLATFORM LIFT INCLUDING WEIGHT MEASUREMENT CELL**
[54] **NACELLE ELEVATRICE COMPRENANT UNE CELLULE DE MESURE DE POIDS**
[72] PAROT, SEBASTIEN, FR
[72] BONNEFOY, NICOLAS, FR
[73] HAULOTTE GROUP, FR
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[54] **CORRUGATED METAL PLATE AND OVERHEAD STRUCTURE INCORPORATING SAME**
[54] **PLAQUE METALLIQUE ONDULEE ET STRUCTURE AERIENNE COMPRENANT CELLE-CI**
[72] WILSON, MICHAEL W., CA
[73] ATLANTIC INDUSTRIES LIMITED, CA
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[54] **DENTAL MATERIALS BASED ON MONOMERS WITH DEBONDING-ON-DEMAND PROPERTIES**
[54] **MATERIAUX DENTAIRES A BASE DE MONOMERES PRESENTANT DES PROPRIETES DE DECOHESION SUR DEMANDE**
[72] MOSZNER, NORBERT, LI
[72] LAMPARTH, IRIS, CH
[72] BOCK, THORSTEN, AT
[72] FISCHER, URS KARL, CH
[72] SALZ, ULRICH, DE
[72] RHEINBERGER, VOLKER, LI
[72] LISKA, ROBERT, AT
[73] IVOCLAR VIVADENT AG, LI
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[54] **SCHEDULE MANAGING METHOD AND APPARATUS USING OPTICAL CHARACTER READER**
[54] **PROCEDE ET APPAREIL DE GESTION DE CALENDRIER A L'AIDE D'UN LECTEUR DE CARACTERE OPTIQUE**
[72] PARK, MI JUNG, KR
[72] KIM, TAE YEON, KR
[72] AHN, YU MI, KR
[72] YANG, GU HYUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **EXCAVATION BUCKET**
[54] **GODET DE DRAGUE OU D'ENGIN DE TERRASSEMENT**
[72] LUNN, JASON, AU
[72] ATTWOOD, REECE, AU
[72] BAXTER, GLENN, AU
[73] BRADKEN RESOURCES PTY LIMITED, AU
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[54] **MEDITOPES AND MEDITOPE-BINDING ANTIBODIES AND USES THEREOF**
[54] **MEDITOPES ET ANTICORPS DE LIAISON A UN MEDITOPE, ET LEURS UTILISATIONS**
[72] WILLIAMS, JOHN C., US
[72] HORNE, DAVID A., US
[72] MA, YUELONG, US
[72] CHANG, HENG WEI, US
[72] DONALDSON, JOSHUA MICHAEL, US
[72] ZER, CINDY, US
[72] BZYMEK, KRZYSZTOF, US
[72] AVERY, KENDRA NICOLE, US
[72] XIE, JUN, US
[73] CITY OF HOPE, US
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[54] **CLIP AND LATCH SUBSTITUTION DEVICE FOR MODULAR PLUGS**
[54] **DISPOSITIF DE REMPLACEMENT A AGRAFE ET CLAVETTE POUR FICHES MODULAIRES**
[72] LEE, LEONARD CHEE MIN, CA
[73] BIT64 SOLUTIONS LTD., CA
[86] (2853043)
[87] (2853043)
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[54] **AN AERODIESEL ENGINE**
[54] **MOTEUR DIESEL AERONAUTIQUE**
[72] WEINZIERL, STEVEN M., US
[72] FUCHS, MICHAEL J., US
[73] ENGINEERED PROPULSION SYSTEMS, INC., US
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[54] **TREATMENT OF ADRENAL INSUFFICIENCY**
[54] **TRAITEMENT DE L'INSUFFISANCE SURRENALE**
[72] HUATAN, HIEP, GB
[72] ROSS, RICHARD, GB
[72] WHITAKER, MARTIN, GB
[73] DIURNAL LIMITED, GB
[85] 2014-05-06
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[54] **NEEDLE BIOPSY DEVICE WITH EXCHANGEABLE NEEDLE AND INTEGRATED NEEDLE PROTECTION**
[54] **DISPOSITIF DE BIOPSIE PAR ASPIRATION A AIGUILLE ECHANGEABLE ET PROTECTION D'AIGUILLE INTEGREE**
[72] MCWEENEY, JOHN, US
[72] KELLY, MICHEAL, IE
[73] COVIDIEN LP, US
[85] 2014-05-15
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[54] **SYNTHETIC GRANULATING GAUZE FOR USE WITH REDUCED-PRESSURE TREATMENT SYSTEMS**
[54] **GAZE A GRANULATION SYNTHETIQUE POUR UTILISATION AVEC DES SYSTEMES DE TRAITEMENT A PRESSION REDUITE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] LUCKEMEYER, JAMES A., US
[73] KCI LICENSING, INC., US
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[54] **APPARATUSES AND METHODS FOR STABILIZING DOWNHOLE TOOLS**
[54] **APPAREILS ET PROCEDES POUR STABILISER DES OUTILS DE FOND DE TROU**
[72] MAKKAR, NAVISH, US
[72] CRUICKSHANK, BRIAN, US
[72] DEWEY, CHARLES H., US
[72] AZAR, MICHAEL G., US
[73] SMITH INTERNATIONAL, INC., US
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[54] **METHOD OF DIGESTING LIGNOCELLULOSIC MATERIAL**
[54] **PROCEDE DE DIGESTION D'UNE MATIERE LIGNOCELLULOSIQUE**
[72] DUROCHER, DAVID, US
[72] FRIEL, THOMAS C., US
[72] ZACK, KENNETH L., US
[73] BASF SE, DE
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[25] EN
[54] **PROCESS FOR MAKING PIPERIDINONE CARBOXAMIDE INDANE AND AZAINANE CGRP RECEPTOR ANTAGONISTS**
[54] **PROCEDE DE FABRICATION DE PIPERIDINONE CARBOXAMIDE INDANE ET AZAINANE ANTAGONISTES DU RECEPTEUR CGRP**
[72] BELYK, KEVIN M., US
[72] CLEATOR, EDWARD, GB
[72] KUO, SHEN-CHUN, US
[72] MALIGRES, PETER EMMANUEL, US
[72] XIANG, BANGPING, US
[72] YASUDA, NOBUYOSHI, US
[72] YIN, JIANGUO, US
[73] MERCK SHARP & DOHME CORP., US
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[54] **METHODS AND COMPOSITIONS FOR SIZE-CONTROLLED HOMOPOLYMER TAILING OF SUBSTRATE POLYNUCLEOTIDES BY A NUCLEIC ACID POLYMERASE**
[54] **PROCEDES ET COMPOSITIONS POUR L'EXTENSION HOMOPOLYMERE A TAILLE REGULEE DE POLYNUCLEOTIDES DE SUBSTRAT PAR UNE POLYMERASE D'ACIDE NUCLEIQUE**
[72] MAKAROV, VLADIMIR, US
[72] KURIHARA, LAURIE, US
[73] SWIFT BIOSCIENCES, INC., US
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[25] EN
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[54] **TRANSFORMATION DE SPECIFICATEURS NON CONTIGUS D'INSTRUCTIONS EN DES SPECIFICATEURS CONTIGUS D'INSTRUCTIONS**
[72] GSCHWIND, MICHAEL KARL, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-09-09
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ARIPIPRAZOLE PRODRUGS AND BENZYL ALCOHOL**
[54] **COMPOSITIONS PHARMACEUTIQUES RENFERMANT DES PROMEDICAMENTS D'ARIPIPRAZOLE ET D'ALCOOL BENZYLIQUE**
[72] PERRY, JASON M., US
[72] HICKEY, MAGALI B., US
[72] REMENAR, JULIUS F., US
[72] VANDIVER, JENNIFER, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
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[54] **HERBICIDAL ACTIVE MIXTURES COMPRISING A QUINCLORAC AMMONIUM SALT AND A GLUTAMINE SYNTHETASE INHIBITOR SUCH AS BIALAPHOS, GLUFOSINATE AND GLUFOSINATE P.**
[54] **MELANGES ACTIFS HERBICIDES COMPRENANT AU MOINS UN SEL D'AMMONIUM DE QUINCLORAC ET UN INHIBITEUR DE GLUTAMINE SYNTHETASE COMME LE BIALAFOS, LE GLUFOSINATE ET LE GLUFOSINATE P.**
[72] BARTON, WAYNE, CA
[73] BASF SE, DE
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[54] **METHOD FOR REFINING SQUALENE PRODUCED BY MICROALGAE**
[54] **PROCEDE DE RAFFINAGE DU SQUALENE PRODUIT PAR MICROALGUES**
[72] LOOTEN, PHILIPPE, FR
[72] PATINIER, SAMUEL, FR
[72] PERRUT, MICHEL, FR
[72] PERRUT, VINCENT, FR
[73] ROQUETTE FRERES, FR
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[54] **COMPOSITIONS FOR PAINT**
[54] **COMPOSITIONS POUR PEINTURE**
[72] PHIPPS, JONATHAN, GB
[72] BOURGOIN, SOPHIE, FR
[72] LEGRIX, ANNABELLE HUGUETTE RENEE, GB
[72] VINNICOMBE, GEMMA, GB
[73] FIBERLEAN TECHNOLOGIES LIMITED, GB
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[25] EN
[54] **MANAGEMENT OF LANGUAGE USAGE TO FACILITATE EFFECTIVE COMMUNICATION**
[54] **GESTION DE L'UTILISATION D'UNE LANGUE DE FACON A FAVORISER UNE COMMUNICATION EFFICACE**
[72] WILLNER, BARRY, US
[72] STERN, EDITH HELEN, US
[72] RAGUILLAT, FRED, IE
[72] O'SULLIVAN, PATRICK JOSEPH, IE
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[25] EN
[54] **SYSTEM AND METHOD FOR ULTRASONIC TESTING WITH A SINGLE CHANNEL ULTRASONIC TEST UNIT**
[54] **SYSTEME ET PROCEDE DE CONTROLE PAR ULTRASONS AU MOYEN D'UNE UNITE DE CONTROLE A ULTRASONS MONOCANAL**
[72] FEYDO, MARK HOWARD, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF POUR LE CONDITIONNEMENT DE GAZ**
[72] DEUTSCHMEYER, MANFRED, DE
[72] SCHLICHTER, BERNHARD, DE
[72] ZELLER, SERGEJ, DE
[73] HYDAC PROCESS TECHNOLOGY GMBH, DE
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[54] **MELANGE DE FONDERIE « SANS CUISSON » A TEMPS DE TRAVAIL PROLONGE**
[72] NOCERA, MICHAEL R., US
[72] STURTZ, GREGORY P., US
[72] KROKER, JORG, US
[73] ASK CHEMICALS LLC, US
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[54] **DIGITAL IMAGE CAPTURE UNDER CONDITIONS OF VARYING LIGHT INTENSITY**
[54] **CAPTURE D'IMAGES NUMERIQUES DANS DES CONDITIONS D'INTENSITE DE LUMIERE VARIABLE**
[72] SPIELBERG, ANTHONY CAPPA, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
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[87] (WO2014/002001)
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[54] **DIFFERENTIAL CLOCK SIGNAL GENERATOR**
[54] **GENERATEUR DE SIGNAL D'HORLOGE DIFFERENTIEL**
[72] MILTON, DAVID W., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-10 (PCT/US2013/044876)
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[25] EN
[54] **VIDEO DATA STREAM CONCEPT**
[54] **CONCEPT DE FLUX DE DONNEES VIDEO**
[72] SCHIERL, THOMAS, DE
[72] GEORGE, VALERI, DE
[72] HENKEL, ANASTASIA, DE
[72] MARPE, DETLEV, DE
[72] GRUNEBERG, KARSTEN, DE
[72] SKUPIN, ROBERT, DE
[73] GE VIDEO COMPRESSION, LLC, US
[85] 2014-12-17
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[30] US (61/666,185) 2012-06-29

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[25] EN
[54] **STABLE FORMULATIONS FOR PARENTERAL INJECTION OF SMALL MOLECULE DRUGS**
[54] **FORMULATIONS STABLES DESTINEES A UNE INJECTION PARENTERALE DE MEDICAMENTS A PETITES MOLECULES**
[72] PRESTRELSKI, STEVEN J., US
[72] SCOTT, NANCY, US
[73] XERIS PHARMACEUTICALS, INC., US
[85] 2014-12-23
[86] 2013-06-27 (PCT/US2013/048293)
[87] (WO2014/004895)
[30] US (61/665,021) 2012-06-27
[30] US (13/829,937) 2013-03-14

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[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **SALTS AND SOLID FORMS OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE AND COMPOSITIONS COMPRISING AND METHODS OF USING THE SAME**
[54] **SELS ET FORMES SOLIDES DE LA (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE ET DES COMPOSITIONS LES COMPRENANT ET SES PROCEDES D'UTILISATION**
[72] COHEN, BENJAMIN M., US
[72] TRAVERSE, JOHN F., US
[72] XU, JEAN, US
[72] LI, YING, US
[73] CELGENE CORPORATION, US
[85] 2015-01-12
[86] 2013-08-08 (PCT/US2013/054064)
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[30] US (61/681,484) 2012-08-09

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[25] EN
[54] **MULTIMERIC MANNOSIDES , A PROCESS FOR PREPARING THE SAME AND THEIR USES AS A DRUG**
[54] **MANNOSIDES MULTIMERIQUES, PROCEDE DE PREPARATION ET UTILISATIONS EN TANTQUE MEDICAMENT**
[72] BOUCKAERT, JULIE, BE
[72] GOUIN, SEBASTIEN, FR
[72] DENIAUD, DAVID, FR
[72] BILYY, ROSTYSLAV, UA
[72] DUMYCH, TETIANA, UA
[72] SIVIGNON, ADELINE, FR
[72] DARFEUILLE-MICHAUD, ARLETTE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE DE NANTES, FR
[73] UNIVERSITE DE PICARDIE JULES VERNE, FR
[73] UNIVERSITE LILLE 1- SCIENCES ET TECHNOLOGIES, FR
[73] UNIVERSITE D'AUVERGNE, FR
[85] 2015-01-21
[86] 2013-07-24 (PCT/EP2013/065668)
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[30] EP (12305906.5) 2012-07-24

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[25] EN
[54] **POLARIZATION STABLE WIDELY TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ET A POLARISATION STABLE LARGEMENT ACCORDABLE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[73] THORLABS,INC., US
[73] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-21
[86] 2013-07-26 (PCT/US2013/052412)
[87] (WO2014/018940)
[30] US (61/676,712) 2012-07-27

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[13] C
[51] **Int.Cl. D02G 3/04 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **FIBER BLENDS FOR WASH DURABLE THERMAL AND COMFORT PROPERTIES**
[54] **MELANGES DE FIBRES POUR DES CARACTERISTIQUES THERMIQUES ET DE CONFORT RESISTANTES AU LAVAGE**
[72] HINES, ROBERT WINFRED, US
[72] BAILEY, JAMES JONATHAN, US
[73] DRIFIRE LLC, US
[85] 2015-01-22
[86] 2013-06-28 (PCT/US2013/048521)
[87] (WO2014/018221)
[30] US (61/676,518) 2012-07-27

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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE AND METHOD FOR MAKING SAME**
[54] **INTERFACE PATIENT ET SON PROCEDE DE PRODUCTION**
[72] WELLS, ALICIA KRISTIANNE, AU
[72] EDWARDS, CRAIG DAVID, AU
[72] SHANMUGA SUNDARA, SHIVA KUMAR, AU
[72] LEE, MURRAY WILLIAM, AU
[72] HASKARD, KIRRILY MICHELE, AU
[72] BARBARA, ANTHONY PAUL, AU
[72] WAGNER, STEWART JOSEPH, AU
[72] TAN, CHIA IK, AU
[72] MAY, FREDERICK ARLET, AU
[72] GOLDSPINK, LACHLAN RICHARD, AU
[72] FORRESTER, MARTIN, CA
[72] JOURDAN, RALPH, DE
[73] RESMED PTY LTD, AU
[85] 2015-01-27
[86] 2013-07-26 (PCT/AU2013/000830)
[87] (WO2014/015382)
[30] US (61/676,456) 2012-07-27
[30] AU (2012903504) 2012-08-15
[30] AU (2012904378) 2012-10-08
[30] AU (2013900132) 2013-01-16
[30] AU (2013900133) 2013-01-16
[30] NZ (605907) 2013-01-16
[30] NZ (605908) 2013-01-16
[30] AU (2013900168) 2013-01-18
[30] US (61/817,674) 2013-04-30
[30] US (61/823,192) 2013-05-14
[30] US (61/837,521) 2013-06-20
[30] AU (2013902305) 2013-06-24
[30] US (61/839,916) 2013-06-27

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[25] EN
[54] **BELT STRIPPER WITH ANGULAR HEIGHT-ADJUSTING MEANS**
[54] **RACLEUR DE BANDE POURVU D'UN MOYEN DE REGLAGE EN HAUTEUR ANGULAIRE**
[72] SCHWARZE, HANS-OTTO, DE
[73] KILL-FRECH, CORNELIA, DE
[85] 2015-02-03
[86] 2014-01-07 (PCT/EP2014/000011)
[87] (WO2014/106621)
[30] DE (10 2013 000 039.4) 2013-01-07
[30] DE (10 2013 006 821.5) 2013-04-22

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[25] EN
[54] **PERFORIN INHIBITING BENZENESULFONAMIDE COMPOUNDS, PREPARATION AND USES THEREOF**
[54] **COMPOSES DE BENZENESULFONAMIDE INHIBITEURS DE LA PERFORINE, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] SPICER, JULIE ANN, NZ
[72] DENNY, WILLIAM ALEXANDER, NZ
[72] MILLER, CHRISTIAN KARL, NZ
[72] O'CONNOR, PATRICK DAVID, NZ
[72] HUTTUNEN, KRISTIINA, FI
[72] TRAPANI, JOSEPH A., AU
[72] HILL, GEOFF, AU
[72] ALEXANDER, KYLIE, AU
[73] PETER MACCALLUM CANCER INSTITUTE, AU
[85] 2015-02-05
[86] 2013-08-21 (PCT/AU2013/000925)
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[51] **Int.Cl. H01B 7/36 (2006.01) G08B 13/14 (2006.01)**
[25] EN
[54] **TRACEABLE AND THEFT DETERRENT RECLAIMABLE PRODUCT**
[54] **PRODUIT IDENTIFIABLE ET RECYCLABLE DISSUADANT LES VOLEURS**
[72] HOLCOMBE, CHARLES L., US
[72] BURCHFIELD, RONALD J., US
[72] GODFREY, CAROL J., US
[72] SPRUELL, STEPHEN L., US
[72] WARE, JOHN N., JR., US
[72] EASTERWOOD, EDWARD J., JR., US
[72] WILSON, W. STEVE, US
[72] HULLENDER, FRANK, US
[72] GLORE, CHARLES DOUGLAS, US
[72] LEVITRE, MARCEL R., US
[73] SOUTHWIRE COMPANY, LLC, US
[85] 2015-02-10
[86] 2013-08-09 (PCT/US2013/054257)
[87] (WO2014/031361)
[30] US (61/681,722) 2012-08-10
[30] US (13/658,852) 2012-10-24

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[13] C
[51] **Int.Cl. A61G 7/057 (2006.01)**
[25] EN
[54] **LOW-AIR-LOSS (LAL) PATIENT SUPPORT APPARATUSES AND METHODS**
[54] **APPAREILS ET PROCEDES DE SUPPORT DE PATIENT A FAIBLE PERTE D'AIR (LAL)**
[72] VRZALIK, JOHN H., US
[72] PHILLIPS, BRUCE, US
[72] HONG, K.Z., US
[73] HUNTLEIGH TECHNOLOGY LIMITED, GB
[85] 2015-02-12
[86] 2013-09-06 (PCT/US2013/058516)
[87] (WO2014/039827)
[30] US (61/698,039) 2012-09-07

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[13] C
[51] **Int.Cl. B29D 11/00 (2006.01) B29C 64/10 (2017.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING AN OPHTHALMIC LENS COMPRISING A MARKING STEP FOR PRODUCING PERMANENT TECHNICAL MARKS ON SAID OPHTHALMIC LENS**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE OPHTALMIQUE COMPORTANT UNE ETAPE DE MARQUAGE POUR REALISER DES MARQUES PERMANENTES TECHNIQUES SUR LADITE LENTILLE OPHTALMIQUE**
[72] ANATOLE, VINCENT, FR
[72] PIETRI, CECILE, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2015-03-12
[86] 2013-09-26 (PCT/FR2013/052282)
[87] (WO2014/049284)
[30] FR (1259197) 2012-09-28

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[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT PASSENGER SEATING ARRANGEMENT**
[54] **AGENCEMENT DE SIEGES PASSAGERS D'AVION**
[72] DRYBURGH, IAN HAMILTON, GB
[72] MCKEEVER, JOHN DAVID HENRY, GB
[72] ERSAN, ALI, GB
[73] ACUMEN DESIGN ASSOCIATES LTD, GB
[85] 2015-03-18
[86] 2013-09-26 (PCT/GB2013/052517)
[87] (WO2014/049362)
[30] GB (1217319.1) 2012-09-27

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[25] EN
[54] **COLOR-STRIKABLE GLASS CONTAINERS**
[54] **CONTENANTS EN VERRE A COULEURS APPARAISSANT APRES UN COUP**
[72] ORDWAY, EDWARD, US
[72] HOWSE, TERENCE K., AU
[72] BAKER, DANIEL, US
[72] BARTON, STEPHEN, US
[72] CLICK, CAROL A., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2015-03-20
[86] 2013-10-03 (PCT/US2013/063199)
[87] (WO2014/070362)
[30] US (13/666,629) 2012-11-01

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[51] **Int.Cl. C25B 15/08 (2006.01) C02F 1/46 (2006.01) C25B 1/00 (2006.01) C25B 1/14 (2006.01) C25B 15/00 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **CONTINUOUS ELECTROLYSIS METHOD BY MEANS OF ELECTROLYTIC BATH FOR POLYSULFIDE MANUFACTURING, AND ELECTROLYSIS DEVICE FOR IMPLEMENTING SAME**
[54] **PROCEDE D'ELECTROLYSE EN CONTINU AU MOYEN D'UN BAIN ELECTROLYTIQUE POUR FABRIQUER DES POLYSULFURES ET DISPOSITIF D'ELECTROLYSE POUR METTRE EN OEUVRE CE DERNIER**
[72] SUYAMA, KENICHIRO, JP
[72] KUROSU, KAZUHIRO, JP
[72] KATO, MASAAKI, JP
[72] OTSU, HIDEO, JP
[73] NIPPON PAPER INDUSTRIES CO., LTD, JP
[73] PER MELEC ELECTRODE LTD., JP
[85] 2015-03-31
[86] 2013-09-30 (PCT/JP2013/077191)
[87] (WO2014/054815)
[30] JP (2012-219899) 2012-10-01

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[13] C
[51] **Int.Cl. H04L 29/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DELIVERING AND RECEIVING MULTIMEDIA DATA IN HYBRID NETWORK**
[54] **APPAREIL ET PROCEDE DE TRANSMISSION ET DE RECEPTION DE DONNEES MULTIMEDIAS DANS UN RESEAU HYBRIDE**
[72] RHYU, SUNG-RYEUL, KR
[72] PARK, KYUNG-MO, KR
[72] SONG, JAE-YEON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-04-10
[86] 2013-10-11 (PCT/KR2013/009116)
[87] (WO2014/058276)
[30] KR (10-2012-0113052) 2012-10-11

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[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **LIQUID METAL CLEANLINESS ANALYZER**
[54] **ANALYSEUR DE PROPRETE DE METAL LIQUIDE**
[72] QUELLET, REAL, CA
[72] MARCOTTE, JACQUES, CA
[72] COUTURE, PATRICK, CA
[72] LAPLANTE, SYLVIO, CA
[72] SIMARD, BRUNO, CA
[73] ABB INC., CA
[85] 2015-04-13
[86] 2013-10-10 (PCT/CA2013/000860)
[87] (WO2014/059517)
[30] US (61/713,703) 2012-10-15

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[13] C
[51] **Int.Cl. A01B 79/02 (2006.01) A01B 63/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL TRENCH DEPTH SENSING SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE DETECTION DE PROFONDEUR DE TRANCHEE AGRICOLE**
[72] SAUDER, DEREK, US
[72] STOLLER, JASON, US
[72] RADTKE, IAN, US
[72] LEVY, KENT, US
[73] PRECISION PLANTING LLC, US
[85] 2015-04-21
[86] 2013-10-24 (PCT/US2013/066639)
[87] (WO2014/066654)
[30] US (61/718,073) 2012-10-24

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[13] C
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 34/30 (2016.01)**
[25] EN
[54] **FLEXIBLE HARMONIC WAVEGUIDES/BLADES FOR SURGICAL INSTRUMENTS**
[54] **GUIDES D'ONDES HARMONIQUES/LAMES SOUPLES POUR INSTRUMENTS CHIRURGICAUX**
[72] OLSON, WILLIAM A., US
[72] PRICE, DANIEL W., US
[72] HOUSER, KEVIN L., US
[72] MESSERLY, JEFFREY D., US
[72] STULEN, FOSTER B., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2015-04-21
[86] 2013-10-09 (PCT/US2013/064036)
[87] (WO2014/066044)
[30] US (13/657,553) 2012-10-22

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[13] C
[51] **Int.Cl. G06F 16/90 (2019.01) G06F 21/62 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING, CLASSIFYING, ORGANIZING AND POPULATING INFORMATION ON ELECTRONIC FORMS**
[54] **SYSTEMES ET PROCEDES POUR COLLECTER, CLASSIFIER, ORGANISER ET GARNIR DES INFORMATIONS SUR DES FORMULAIRES ELECTRONIQUES**
[72] EIGNER, LINDA, US
[72] EIGNER, WILLIAM, US
[72] TOBIAS, ERIC, US
[72] KAHLE, CHARLES, US
[72] IASI, ANTHONY F., US
[73] UBIQ SECURITY, INC., US
[85] 2015-04-30
[86] 2013-10-30 (PCT/US2013/067610)
[87] (WO2014/070950)
[30] US (61/720,305) 2012-10-30
[30] US (61/720,309) 2012-10-30
[30] US (61/720,907) 2012-10-31
[30] US (61/720,916) 2012-10-31
[30] US (61/857,177) 2013-07-22

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[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **ULTRASONIC WAVEGUIDE**
[54] **GUIDE D'ONDES ULTRASONORE**
[72] AO, XIAOLEI SHIRLEY, US
[72] KHRAKOVSKY, OLEG ALEXANDER, US
[72] MA, YUE, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-05-01
[86] 2013-10-21 (PCT/US2013/065816)
[87] (WO2014/070490)
[30] US (13/668,984) 2012-11-05

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[51] **Int.Cl. B01D 35/26 (2006.01) B01D 35/30 (2006.01) B01D 61/08 (2006.01) B01D 63/02 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS OF FLUSH PUMP FEATURE FOR PORTABLE LIQUID PURIFYING FILTER**
[54] **PROCEDE ET APPAREIL DE DISPOSITIF DE POMPE DE NETTOYAGE POUR FILTRE DE PURIFICATION DE LIQUIDE PORTABLE**
[72] MILMAN, MICHAEL, US
[72] COLLINS, GREGORY, US
[72] SUMMERTON, JAMES, US
[73] NEPHROS, INC., US
[85] 2015-05-11
[86] 2013-05-07 (PCT/US2013/039844)
[87] (WO2013/169707)
[30] US (61/644,239) 2012-05-08

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[51] **Int.Cl. C07H 1/00 (2006.01) C07H 19/06 (2006.01) C07H 19/16 (2006.01)**
[25] EN
[54] **GEMCITABINE PHOSPHATE MIXTURE FOR THE TREATMENT OF CANCER**
[54] **MELANGE DE GEMCITABINE-PHOSPHATE POUR LE TRAITEMENT DU CANCER**
[72] MCGUIGAN, CHRISTOPHER, GB
[72] PERTUSATI, FABRIZIO, GB
[73] NUCANA PLC, GB
[85] 2015-05-12
[86] 2013-11-15 (PCT/GB2013/053018)
[87] (WO2014/076490)
[30] GB (1220666.0) 2012-11-16
[30] GB (1307314.3) 2013-04-23

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[13] C
[51] **Int.Cl. G03B 9/22 (2006.01) G03B 9/62 (2006.01)**
[25] EN
[54] **BI-STABLE ELECTROMAGNETICALLY CONTROLLED SHUTTER**
[54] **VOLET A COMMANDE ELECTROMAGNETIQUE BISTABLE**
[72] AGAPESCU, TUDOR, US
[73] THORLABS, INC., US
[85] 2015-05-21
[86] 2013-11-26 (PCT/US2013/071968)
[87] (WO2014/082073)
[30] US (61/730,048) 2012-11-26

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[13] C
[51] **Int.Cl. C04B 41/80 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REDUCING SILICA RECESSION IN SILICON-CONTAINING MATERIALS**
[54] **PROCEDES ET SYSTEMES POUR REDUIRE LA RECESSION DE SILICE DANS DES MATERIAUX CONTENANT DU SILICIUM**
[72] LUTHRA, KRISHAN LAL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-06-04
[86] 2013-11-25 (PCT/US2013/071692)
[87] (WO2014/099287)
[30] US (13/717,773) 2012-12-18

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[13] C
[51] **Int.Cl. C08F 214/22 (2006.01) C08F 251/02 (2006.01) C08F 290/04 (2006.01) C08F 290/10 (2006.01) C08G 77/46 (2006.01) C08F 214/00 (2006.01)**
[25] EN
[54] **HYDROPHILIC FLUOROPOLYMER**
[54] **POLYMERE FLUORE HYDROPHILE**
[72] WLASSICS, IVAN, IT
[72] BIANCARDI, ROBERTO, IT
[72] CAMPANELLI, PASQUALE, IT
[72] DI NICOLO', EMANUELE, IT
[72] SANGUINETI, ALDO, IT
[72] TONELLI, CLAUDIO ADOLFO PIETRO, IT
[73] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT
[85] 2015-06-08
[86] 2013-12-17 (PCT/EP2013/076952)
[87] (WO2014/095902)
[30] EP (12199205.1) 2012-12-21

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[11] **2,894,587**
[13] C
[51] **Int.Cl. F16C 3/02 (2006.01) F16C 33/10 (2006.01)**
[25] FR
[54] **GUIDING BODY IN THE FORM OF A RING FOR FRICTION MOUNTING, WITH AN ARTICULATING AND/OR ELEMENT-SLIDING CAPACITY.**
[54] **ORGANE DE GUIDAGE SOUS FORME D'UNE BAGUE POUR LE MONTAGE AVEC FROTTEMENT ET AVEC CAPACITE D'ARTICULATION ET/OU DE COULISSEMENT D'UN ELEMENT.**
[72] VILLEMAGNE, PATRICK, FR
[72] GODARD, GEORGES, FR
[73] H.E.F., FR
[85] 2015-06-10
[86] 2013-12-06 (PCT/FR2013/052966)
[87] (WO2014/091124)
[30] FR (1261988) 2012-12-13

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[11] **2,894,725**
[13] C
[51] **Int.Cl. C10G 33/02 (2006.01) C10G 33/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING AND CONTROLLING DESALTING IN A CRUDE DISTILLATION UNIT**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER ET CONTROLER LE DESSALAGE DANS UNE UNITE DE DISTILLATION DE BRUT**
[72] MASON, BRAD, US
[72] LORDO, SAM, US
[72] BRADEN, MICHAEL, US
[72] HUBBARD, JEFFREY, US
[73] ECOLAB USA INC., US
[85] 2015-06-10
[86] 2013-12-26 (PCT/US2013/077850)
[87] (WO2014/113201)
[30] US (13/745,445) 2013-01-18

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[11] **2,895,634**
[13] C
[51] **Int.Cl. B29C 45/73 (2006.01) B22C 9/06 (2006.01) B22D 17/22 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR MOLDING FIXTURES, PARTICULARLY FOR FOUNDRY MOLDS**
[54] **SYSTEME DE REFROIDISSEMENT POUR APPAREILS DE MOULAGE, EN PARTICULIER POUR MOULES DE FONDERIE**
[72] PELLIZZON, IRENE, IT
[73] ALFI S.R.L., IT
[85] 2015-06-18
[86] 2013-12-19 (PCT/IB2013/061150)
[87] (WO2014/097216)
[30] IT (PD2012A000402) 2012-12-21

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[11] **2,896,348**
[13] C
[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/49 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **SKIN CARE COMPOSITIONS COMPRISING FOLIC ACID AND GALLATED CATECHIN**
[54] **COMPOSITIONS POUR SOINS DE LA PEAU COMPRENANT DE L'ACIDE FOLIQUE ET DE LA CATECHINE DE GALLATE**
[72] DAMODARAN, ANITA, IN
[72] DIAS, PAUL MARK, IN
[73] UNILEVER PLC, GB
[85] 2015-06-25
[86] 2014-01-09 (PCT/EP2014/050269)
[87] (WO2014/114496)
[30] EP (13152808.5) 2013-01-28

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[11] **2,896,910**
[13] C
[51] **Int.Cl. G09B 9/12 (2006.01) B25J 9/16 (2006.01) G09B 9/14 (2006.01) G09B 9/02 (2006.01)**
[25] EN
[54] **MOTION SIMULATOR**
[54] **SIMULATEUR DE MOUVEMENT**
[72] WARMERDAM, JEAN PAUL, NL
[73] MOOG BV, NL
[85] 2015-06-30
[86] 2013-08-23 (PCT/EP2013/067521)
[87] (WO2013/178828)
[30] GB (1300552.5) 2013-01-14

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[11] **2,897,154**
[13] C
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **REINFORCED CARTON**
[54] **CARTON RENFORCE**
[72] WESTNEY, JOHN LEIGH, US
[72] WIDNER, ERNEST B., US
[72] SAMOTIS, THEODORE ANDREW, US
[72] AKSAN, YAVUZ, US
[73] GEORGIA-PACIFIC CORRUGATED LLC, US
[85] 2015-07-03
[86] 2014-01-08 (PCT/US2014/010587)
[87] (WO2014/110070)
[30] US (61/750,428) 2013-01-09

[11] **2,897,841**
[13] C
[51] **Int.Cl. B32B 7/12 (2006.01) B65D 65/40 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/40 (2006.01) C08G 18/62 (2006.01) C08G 18/79 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **GAS TRANSMITTING POLYURETHANE ADHESIVE**
[54] **ADHESIF DE POLYURETHANE TRANSMETTANT DU GAZ**
[72] EKLUND, WAYNE G., US
[72] RIPPE, STEPHEN G., US
[73] H.B. FULLER COMPANY, US
[85] 2015-07-09
[86] 2014-03-05 (PCT/US2014/020713)
[87] (WO2014/138218)
[30] US (13/787,154) 2013-03-06

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[11] **2,898,427**
[13] C
[51] **Int.Cl. A01M 23/04 (2006.01)**
[25] EN
[54] **AN ENVIRONMENTALLY-FRIENDLY DEVICE FOR TRAPPING ANIMALS**
[54] **PIEGE A ANIMAUX SANS DANGER POUR L'ENVIRONNEMENT**
[72] FERRANTE, SERGIO, MT
[72] FERRANTE, SERGIO, MT
[73] FERRANTE, SERGIO, MT
[85] 2015-07-16
[86] 2014-01-15 (PCT/IB2014/058288)
[87] (WO2014/111857)
[30] IT (FI2013A000013) 2013-01-16

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[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) C07D 207/448 (2006.01) C07D 207/452 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **TRIDENTATE LINKERS AND USE THEREOF**
[54] **LIEURS TRIDENTATES ET LEUR UTILISATION**
[72] AN, DEQIANG, CN
[72] HAN, NIANHE, CN
[72] ZENG, DI, CN
[72] YANG, HANG, CN
[72] ZHU, PENG, CN
[72] LI, MINGZHEN, CN
[72] JIAN, LI, CN
[72] YANG, CHUN, CN
[73] NEWBIO THERAPEUTICS, INC., CN
[85] 2015-07-22
[86] 2014-01-17 (PCT/CN2014/070780)
[87] (WO2014/114207)
[30] CN (201310025021.4) 2013-01-23

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[11] **2,902,032**
[13] C
[51] **Int.Cl. C08G 65/336 (2006.01) C08K 5/54 (2006.01) C08L 23/00 (2006.01) C08L 31/04 (2006.01)**
[25] EN
[54] **MERCAPTOSILANE POLYMER MIXTURE**
[54] **MELANGES MERCAPTOSILANE-POLYMERE**
[72] PETERLE, TORSTEN, DE
[72] BLUME, ANKE, DE
[72] MONKIEWICZ, JAROSLAW, DE
[72] KORCH, ANDREA, DE
[72] TSCHERNJAEW, JURI, DE
[72] KUNOWA, KATHRIN, DE
[72] KLOSE, MICHAEL, DE
[73] EVONIK OPERATIONS GMBH, DE
[85] 2015-08-20
[86] 2014-02-04 (PCT/EP2014/052113)
[87] (WO2014/135323)
[30] DE (102013203651.5) 2013-03-04

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[11] **2,902,638**
[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61L 2/18 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INTRAVASCULAR LINE AND PORT CLEANING METHODS, METHODS OF ADMINISTERING AN AGENT INTRAVASCULARLY, METHODS OF OBTAINING/TESTING BLOOD, AND DEVICES FOR PERFORMING SUCH METHODS**
[54] **LIGNE INTRAVASCULAIRE ET PROCEDES DE NETTOYAGE D'ORIFICES, PROCEDES D'ADMINISTRATION INTRAVASCULAIRE D'AGENTS, PROCEDES D'OBTENTION/DE TEST DE SANG, ET DISPOSITIF POUR LA MISE EN□UVRE DE TELS PROCEDES**
[72] TENNICAN, PATRICK O., US
[73] HYPROTEK, INC., US
[85] 2015-08-26
[86] 2013-02-28 (PCT/US2013/028437)
[87] (WO2013/130891)
[30] US (61/605,095) 2012-02-29

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[11] **2,904,012**
[13] C
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **PAPER CLOSURES AND PAPER CONTAINERS**
[54] **FERMETURES EN PAPIER ET RECEPTACLES EN PAPIER**
[72] WEST, ELLERY, US
[72] WEST, GAIL, US
[73] WEST, ELLERY, US
[73] WEST, GAIL, US
[85] 2015-09-03
[86] 2014-01-14 (PCT/US2014/011527)
[87] (WO2014/110592)
[30] US (61/752,317) 2013-01-14

[11] **2,904,291**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **NON-RETAINED MESSAGE SYSTEM**
[54] **SYSTEME DE MESSAGE NON RETENU**
[72] THORPE, JOHN R., US
[73] THORPE, JOHN R., US
[86] (2904291)
[87] (2904291)
[22] 2015-09-15
[30] US (14/486,833) 2014-09-15

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[11] **2,905,802**
[13] C
[51] **Int.Cl. B22D 1/00 (2006.01) C21C 1/10 (2006.01)**
[25] FR
[54] **INOCULANT WITH SURFACE PARTICLES**
[54] **INOCULANT A PARTICULES DE SURFACE**
[72] MARGARIA, THOMAS, FR
[72] FAY, AURELIE, FR
[73] FERROPEM, FR
[85] 2015-09-11
[86] 2014-03-19 (PCT/FR2014/050636)
[87] (WO2014/147342)
[30] FR (13/52419) 2013-03-19

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[11] **2,906,475**
[13] C
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUBSTITUTION SCHEME FOR ANONYMIZING PERSONALLY IDENTIFIABLE INFORMATION**
[54] **PROCEDE ET APPAREIL POUR UNE TECHNIQUE DE SUBSTITUTION POUR ANONYMISER DES INFORMATIONS POUVANT ETRE IDENTIFIEES PERSONNELLEMENT**
[72] BUTLER, PATRICK DAVID, US
[72] MARSHALL, TONY BRETT, US
[72] JACOBSON, MARK F., US
[73] DUNAMI, INC., US
[85] 2015-09-14
[86] 2014-03-10 (PCT/US2014/022718)
[87] (WO2014/150250)
[30] US (13/842,242) 2013-03-15

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[11] **2,907,045**
[13] C
[51] **Int.Cl. A61K 31/16 (2006.01) A61K 31/435 (2006.01) C08G 69/00 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL POLYAMIDE COMPOSITIONS AND MASTITIS TREATMENT**
[54] **COMPOSITIONS POLYAMIDES ANTIMICROBIENNES ET TRAITEMENT DE LA MAMMITE**
[72] CADY, SUSAN MANCINI, US
[72] GALESKA, IZABELA, US
[72] DHAL, PRADEEP K., US
[73] GENZYME CORPORATION, US
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2015-09-15
[86] 2014-03-11 (PCT/US2014/023299)
[87] (WO2014/150451)
[30] US (61/790,231) 2013-03-15

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[11] **2,907,745**
[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **TRACK-INDEXED SYRINGE**
[54] **SERINGUE A PISTE INDEXEE**
[72] TORNSTEN, JONAS, SE
[72] BLOMQVIST, MAX, SE
[72] NISKALA, PEKKA, SE
[73] Q-MED AB, SE
[85] 2015-09-18
[86] 2014-03-28 (PCT/EP2014/056298)
[87] (WO2014/154870)
[30] EP (13161533.8) 2013-03-28

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[11] **2,907,816**
[13] C
[51] **Int.Cl. C08K 5/549 (2006.01) C08G 18/22 (2006.01) C08L 43/04 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING SILYLATED POLYMERS**
[54] **COMPOSITION COMPRENANT DES POLYMERES SILYLES**
[72] PHANOPOULOS, CHRISTOPHER, BE
[72] HOLVOET, SERVAAS, BE
[72] DESESQUELLES, FABRICE, BE
[72] KLEIN, RENE ALEXANDER, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2015-09-22
[86] 2014-04-01 (PCT/EP2014/056504)
[87] (WO2014/173638)
[30] EP (13165285.1) 2013-04-25

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[11] **2,908,017**
[13] C
[51] **Int.Cl. A01K 5/00 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **FEED-MIXING WAGON AND METHOD FOR REPLACING A COVERING OF A FEED-MIXING WAGON**
[54] **WAGON DE MELANGE D'ALIMENTATION ET PROCEDE POUR REMPLACER UN REVETEMENT D'UN WAGON DE MELANGE D'ALIMENTATION**
[72] VAN GERWEN, JOOP, NL
[73] LELY PATENT N.V., NL
[85] 2015-09-16
[86] 2014-02-03 (PCT/NL2014/050061)
[87] (WO2014/148890)
[30] NL (2010485) 2013-03-20

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[11] **2,908,316**
[13] C
[51] **Int.Cl. F17C 3/08 (2006.01)**
[25] EN
[54] **SUSPENSION SYSTEM FOR AN INNER CONTAINER MOUNTED FOR THERMAL INSULATION IN AN OUTER CONTAINER AND CONTAINER ARRANGEMENT**
[54] **DISPOSITIF D'ACCROCHAGE POUR UN RESERVOIR INTERIEUR, DISPOSE PAR ISOLATION THERMIQUE DANS UN RESERVOIR EXTERIEUR, ET ENSEMBLE DE RESERVOIRS**
[72] REBERNIK, MATTHIAS, AT
[73] CRYOSHELTER GMBH, AT
[85] 2015-09-29
[86] 2014-04-02 (PCT/EP2014/056618)
[87] (WO2014/161898)
[30] EP (13162456.1) 2013-04-05

[11] **2,908,324**
[13] C
[51] **Int.Cl. F17C 3/08 (2006.01)**
[25] EN
[54] **SUSPENSION SYSTEM FOR AN INNER CONTAINER MOUNTED FOR THERMAL INSULATION IN AN OUTER CONTAINER AND CONTAINER ARRANGEMENT**
[54] **DISPOSITIF D'ACCROCHAGE POUR UN RESERVOIR INTERIEUR, DISPOSE PAR ISOLATION THERMIQUE DANS UN RESERVOIR EXTERIEUR, ET ENSEMBLE DE RESERVOIRS**
[72] REBERNIK, MATTHIAS, AT
[73] CRYOSHELTER GMBH, AT
[85] 2015-09-29
[86] 2014-04-02 (PCT/EP2014/056619)
[87] (WO2014/161899)
[30] EP (13162456.1) 2013-04-05

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[13] C
[51] **Int.Cl. A61K 36/8964 (2006.01) A61K 31/70 (2006.01) A61K 36/718 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **A COMPOSITION COMPRISING EXTRACTS OF ANEMARRHENA ASPHODELOIDES AND RHIZOMA COPTIDIS AND USE THEREOF FOR TREATING COLITIS**
[54] **COMPOSITION POUR TRAITER LA COLITE, CONTENANT DES EXTRAITS DE RACINE D'ANEMARRHENA ASPHODELOIDES ET DE RHIZOMA COPTIDIS**
[72] KIM, DONG HYUN, KR
[72] HAN, MYUNG JOO, KR
[73] UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY, KR
[85] 2015-10-22
[86] 2014-02-17 (PCT/KR2014/001252)
[87] (WO2014/175543)
[30] KR (10-2013-0044990) 2013-04-23

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[13] C
[51] **Int.Cl. G01D 18/00 (2006.01) G01D 1/18 (2006.01) G01M 7/02 (2006.01) G06F 17/18 (2006.01) G06K 9/62 (2006.01)**
[25] FR
[54] **QUANTITATIVE ANALYSIS OF SIGNAL RELATED MEASUREMENTS FOR TRENDING AND PATTERN RECOGNITION**
[54] **ANALYSE QUANTITATIVE DE MESURES RELATIVES A DES SIGNAUX DESTINEE A LA MESURE DE TENDANCES ET LA RECONNAISSANCE DE FORMES**
[72] LEONARD, FRANCOIS, CA
[73] HYDRO-QUEBEC, CA
[85] 2015-10-23
[86] 2014-04-17 (PCT/CA2014/050388)
[87] (WO2014/179873)
[30] CA (2,815.161) 2013-05-06

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[13] C
[51] **Int.Cl. G01B 21/32 (2006.01) E02F 5/02 (2006.01) E02F 5/12 (2006.01) E21B 47/01 (2012.01) E21B 47/022 (2012.01) G01C 7/06 (2006.01)**
[25] EN
[54] **CYCLICAL SENSOR ARRAY**
[54] **RESEAU DE CAPTEURS DU TYPE CYCLIQUE**
[72] DANISCH, LEE ALLEN, CA
[73] MEASURAND INSTRUMENTS INC., CA
[85] 2015-11-02
[86] 2014-05-01 (PCT/CA2014/050414)
[87] (WO2014/176698)
[30] CA (2,815,199) 2013-05-02

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[11] **2,911,422**
[13] C
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE VALVE AND CONNECTORS FOR USE IN LIQUID TRANSFER APPARATUSES**
[54] **VALVE D'AIGUILLE ET CONNECTEURS POUR UTILISATION DANS DES APPAREILS DE TRANSFERT DE LIQUIDE**
[72] KRIHELI, MARINO, IL
[73] EQUASHIELD MEDICAL LTD., IL
[85] 2015-11-04
[86] 2014-03-25 (PCT/IL2014/050319)
[87] (WO2014/181320)
[30] IL (226281) 2013-05-09

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[11] **2,912,562**
[13] C
[51] **Int.Cl. A61L 2/28 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **RECYCLABLE INDICATOR TAPE FOR STERILIZATION**
[54] **BANDE INDICATRICE RECYCLABLE POUR STERILISATION**
[72] KECK, LAURA E., US
[73] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2015-11-16
[86] 2014-05-22 (PCT/IB2014/061640)
[87] (WO2014/191879)
[30] US (61/829,471) 2013-05-31
[30] US (14/278,049) 2014-05-15

[11] **2,913,009**
[13] C
[51] **Int.Cl. C09J 123/12 (2006.01) C09J 11/08 (2006.01)**
[25] EN
[54] **HOT MELT ADHESIVE BASED ON LOW MELTING POINT POLYPROPYLENE HOMOPOLYMERS**
[54] **ADHESIF THERMOFUSIBLE BASE SUR DES HOMOPOLYMERES DE POLYPROPYLENE A BAS POINT DE FUSION**
[72] HAMANN, RICHARD, US
[72] RACHOW, LIANNE, US
[73] BOSTIK, INC., US
[85] 2015-11-19
[86] 2014-05-21 (PCT/US2014/039041)
[87] (WO2014/190098)
[30] US (61/855,775) 2013-05-23

[11] **2,913,107**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **TTV MIRNA SEQUENCES AS AN EARLY MARKER FOR THE FUTURE DEVELOPMENT OF CANCER AND AS A TARGET FOR CANCER TREATMENT AND PREVENTION**
[54] **SEQUENCES DE MIARN DE TTV EN TANT QUE MARQUEUR PRECOCE POUR LE DEVELOPPEMENT FUTUR D'UN CANCER ET EN TANT QUE CIBLE POUR LE TRAITEMENT ET LA PREVENTION DU CANCER**
[72] ZUR-HAUSEN, HARALD, DE
[72] DE VILLIERS, ETHEL-MICHELE, DE
[72] CID-ARREGUI, ANGEL, DE
[72] SARACHAGA DE BENITO, VICTOR, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2015-11-20
[86] 2014-06-12 (PCT/EP2014/062251)
[87] (WO2014/198833)
[30] EP (13003062.0) 2013-06-14

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[13] C
[51] **Int.Cl. C07C 29/132 (2006.01) C07C 29/88 (2006.01) C07C 31/20 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING POLYHYDRIC ALCOHOL**
[54] **PROCEDE DE PRODUCTION D'ALCOOL POLYHYDRIQUE**
[72] OKANO, SHIGERU, JP
[72] YADA, KAZUYUKI, JP
[72] SUZUKI, YUTAKA, JP
[73] KURARAY CO., LTD., JP
[85] 2015-12-02
[86] 2014-06-03 (PCT/JP2014/064741)
[87] (WO2014/196530)
[30] JP (2013-117882) 2013-06-04

[11] **2,918,486**
[13] C
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/071 (2010.01) A61F 2/28 (2006.01) A61K 35/32 (2015.01)**
[25] EN
[54] **METHODS FOR PRODUCING CARTILAGE AND BONE**
[54] **PROCEDES DE PRODUCTION DE CARTILAGE ET D'OS**
[72] KUO, ALFRED, US
[73] KUO, ALFRED, US
[85] 2016-01-15
[86] 2013-07-18 (PCT/US2013/051022)
[87] (WO2014/015109)
[30] US (61/673,903) 2012-07-20

[11] **2,918,508**
[13] C
[51] **Int.Cl. G02B 27/28 (2006.01) C04B 35/50 (2006.01)**
[25] EN
[54] **MAGNETO-OPTICAL MATERIAL, METHOD FOR PRODUCING SAME AND MAGNETO-OPTICAL DEVICE**
[54] **MATERIAU MAGNETO-OPTIQUE, SON PROCEDE DE PRODUCTION ET DISPOSITIF MAGNETO-OPTIQUE**
[72] IKARI, MASANORI, JP
[73] SHIN-ETSU CHEMICAL CO., LTD., JP
[85] 2016-01-18
[86] 2014-06-05 (PCT/JP2014/064953)
[87] (WO2015/008553)
[30] JP (2013-150316) 2013-07-19

[11] **2,921,178**
[13] C
[51] **Int.Cl. C07D 475/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HEMISULFATE SALT OF 5,10-METHYLENE-(6R)-TETRAHYDROFOLIC ACID**
[54] **SEL D'HEMISULFATE D'ACIDE 5,10-METHYLENE-(6R)-TETRAHYDROFOLIQUE**
[72] MOSER, RUDOLF, CH
[72] GROEHN, VIOLA, CH
[72] EGGER, THOMAS, CH
[72] AMMANN, THOMAS, CH
[73] MERCK & CIE, CH
[85] 2016-02-11
[86] 2014-08-14 (PCT/EP2014/067447)
[87] (WO2015/022407)
[30] EP (13004050.4) 2013-08-14

[11] **2,921,617**
[13] C
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC INSTRUMENT ASSEMBLY AND METHOD FOR MANUFACTURING SAME**
[54] **ENSEMBLE ULTRASONORE ET PROCEDE POUR LE FABRIQUER**
[72] VOIC, DAN, US
[73] MISONIX, INCORPORATED, US
[85] 2016-02-17
[86] 2014-08-06 (PCT/US2014/049909)
[87] (WO2015/026526)
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[25] FR
[54] **GAS SUPPLY DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE GAZ**
[72] FRENAL, ANTOINE, FR
[72] MULLER, DENIS, FR
[72] ROBERT, DIDIER, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[86] 2014-09-05 (PCT/FR2014/052196)
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[30] FR (1359018) 2013-09-19

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[25] EN
[54] **DETACHABLE CUTTING TOOL SEGMENT WITH RESILIENT CLAMPING AND CUTTING TOOL THEREFOR**
[54] **SEGMENT D'OUTIL DE COUPE DETACHABLE AYANT UN SERRAGE ELASTIQUE ET OUTIL DE COUPE ASSOCIE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2016-02-24
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[25] EN
[54] **STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION**
[72] LENKE, MICHAEL, DE
[73] NOVOLUTO GMBH, DE
[85] 2016-03-07
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[25] EN
[54] **METHODS FOR CONTROLLING FUCOSYLATION LEVELS IN PROTEINS**
[54] **PROCEDES POUR CONTROLER LES NIVEAUX DE FUCOSYLATION DANS DES PROTEINES**
[72] NAIR, PRADIP, IN
[72] MELARKODE, RAMAKRISHNAN, IN
[72] VENKATARAMAN, RASIKA, IN
[72] ADHIKARY, LAXMI, IN
[72] BHATNAGAR, ANKUR, IN
[72] PRABHU, SUNAINA, IN
[72] SHUKLA, KRITI, IN
[72] BASKAR, DINESH, IN
[72] DESAN, SARAVANAN, IN
[72] PAI, HARISH VENKATRAMAN, IN
[72] MONTERO CASIMIRO, JOSE ENRIQUE, CU
[73] BIOCON LIMITED, IN
[85] 2016-01-06
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[25] EN
[54] **BLOCK SPLITTER ASSEMBLY AND METHOD OF PRODUCING WALL BLOCKS**
[54] **MECANISME DIVISEUR DE BLOC ET METHODE DE PRODUCTION DE BLOCS MURAUX**
[72] LACROIX, DAVID M., US
[72] LUNDELL, ROBERT JOHN, US
[72] MACDONALD, ROBERT A., US
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[86] (2927283)
[87] (2927283)
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[54] **OPTIMISATIONS DE TRANSFERT DE DONNEES**
[72] FAHEY, SEAN ANTHONY, US
[72] HILL, BRENT JAMES, US
[73] AMAZON TECHNOLOGIES, INC., US
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[51] **Int.Cl. G06F 8/34 (2018.01) G06F 3/0481 (2013.01) G06F 8/20 (2018.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC DEVICE PROGRAM GENERATION**
[54] **PROCEDE ET APPAREIL PERMETTANT LA GENERATION AUTOMATIQUE D'UN PROGRAMME DE DISPOSITIF**
[72] CHANDARIA, TRISALA, US
[72] LEONELLI, JEAN-BAPTISTE, FR
[73] CIAMBELLA LTD., VG
[85] 2016-05-24
[86] 2015-01-08 (PCT/US2015/010562)
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[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **FLUSHABLE CATHETERS**
[54] **CATHETERS A JETER DANS LES TOILETTES**
[72] CLARKE, JOHN T., IE
[72] HENRY, JEROME A., IE
[72] FOLEY, ADAM J., IE
[72] MONTES DE OCA BALDERAS, HORACIO, IE
[72] ROSTAMI, SHAMSEDIN, GB
[72] CARTER, ENDA F., IE
[72] MCMENAMIN, MARTIN, IE
[72] HANNAN, JOHN F., IE
[72] HENEGHAN, BRENDAN J., IE
[72] O'FLYNN, PADRAIG M., IE
[72] MURRAY, MICHAEL G., IE
[72] MEANEY, RICHARD, IE
[73] HOLLISTER INCORPORATED, US
[85] 2016-06-10
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[30] US (61/915,396) 2013-12-12
[30] US (61/915,270) 2013-12-12
[30] US (61/915,280) 2013-12-12
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[51] **Int.Cl. B23D 57/00 (2006.01) B28D 5/04 (2006.01)**
[25] EN
[54] **SAMPLE PREPARATION APPARATUS FOR DIRECT NUMERICAL SIMULATION OF ROCK PROPERTIES**
[54] **APPAREIL DE PREPARATION D'UN ECHANTILLON POUR UNE SIMULATION NUMERIQUE DIRECTE DE PROPRIETES DE ROCHE**
[72] LAKSHTANOV, DMITRY, US
[72] FREDRICH, JOANNE, US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2016-06-17
[86] 2014-07-21 (PCT/US2014/047461)
[87] (WO2015/102671)
[30] US (61/921,797) 2013-12-30

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[51] **Int.Cl. G09F 9/33 (2006.01)**
[25] EN
[54] **DISPLAY SCREEN ASSEMBLY AND DISPLAY DEVICE HAVING THE SAME**
[54] **ASSEMBLAGE D'ECRAN D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE COMPORTANT LEDIT ASSEMBLAGE**
[72] GOU, JIANZHOU, CN
[72] SUN, XUECHAO, CN
[72] ZHAO, YU, CN
[73] LEYARD OPTOELECTRONIC CO., LTD., CN
[86] (2939500)
[87] (2939500)
[22] 2016-08-18
[30] CN (2016100193179) 2016-01-12

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[13] C
[51] **Int.Cl. H01Q 3/08 (2006.01) H01Q 21/06 (2006.01)**
[25] EN
[54] **PHASED ARRAY ANTENNA SYSTEM INCLUDING A MODULAR CONTROL AND MONITORING ARCHITECTURE**
[54] **SYSTEME D'ANTENNE RESEAU PHASEE COMPORTANT UNE COMMANDE MODULAIRE ET ARCHITECTURE DE SURVEILLANCE**
[72] FORD, ROBERT G., US
[72] BROGDEN, FRANK R., US
[72] CLEMENT, JAY W., US
[72] BONEBRIGHT, RODNEY K., US
[73] THE BOEING COMPANY, US
[86] (2939775)
[87] (2939775)
[22] 2016-08-22
[30] US (14/880,744) 2015-10-12

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[51] **Int.Cl. C07D 281/16 (2006.01) A61K 31/55 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 31/20 (2006.01) C07D 243/38 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **HEPATITIS B CORE PROTEIN ALLOSTERIC MODULATORS**
[54] **MODULATEURS ALLOSTERIQUES DES PROTEINES DU NOYAU DE L'HEPATITE B**
[72] TURNER, WILLIAM W., US
[72] ARNOLD, LEE DANIEL, US
[72] MAAG, HANS, DE
[72] ZLOTNICK, ADAM, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[73] ASSEMBLY BIOSCIENCES, INC., US
[85] 2016-09-12
[86] 2015-03-13 (PCT/US2015/020444)
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[13] C
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/06 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **ELECTRONIC VOUCHER TICKET SYSTEM**
[54] **SYSTEME DE BON D'ECHANGE ELECTRONIQUE**
[72] TSUTSUI, YUICHIRO, JP
[73] JCM AMERICAN CORPORATION, US
[86] (2943468)
[87] (2943468)
[22] 2016-09-28
[30] US (14/869,471) 2015-09-29

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[13] C
[51] **Int.Cl. B64G 1/64 (2006.01)**
[25] EN
[54] **PAYLOAD EJECTION SYSTEM**
[54] **SYSTEME D'EJECTION DE CHARGES UTILES**
[72] BRYAN, RICHARD ANDREW, CA
[72] FRANCETIC, BRANKO, CA
[72] KRIMBALIS, PETER PANAGIOTIS, CA
[72] LYMER, JOHN DOUGLAS, CA
[72] PEACOCK, PAUL ROBERT, CA
[72] SACHDEV, TEJ SINGH, CA
[73] MACDONALD, DETTWILER AND ASSOCIATES INC., CA
[85] 2016-10-19
[86] 2015-05-19 (PCT/CA2015/050451)
[87] (WO2015/176182)
[30] US (62/000,327) 2014-05-19
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[51] **Int.Cl. E03B 7/12 (2006.01)**
[25] EN
[54] **SELF-MAINTAINING AUTOMATIC FLUSHING VALVE WITH INTERNAL FREEZE PROTECTION**
[54] **VALVE D'EVACUATION AUTOMATIQUE AUTO-ENTRETENUE AYANT UNE PROTECTION INTERNE CONTRE LE GEL**
[72] LORENTZ, DANIEL C., US
[73] JOHN C. KUPFERLE FOUNDRY COMPANY, US
[85] 2016-10-19
[86] 2015-05-27 (PCT/US2015/032685)
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[30] US (62/003,391) 2014-05-27

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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR QUANTIFYING TEMPORAL FAIRNESS ON ELECTRONIC TRADING VENUES**
[54] **SYSTEMES ET METHODES DE QUANTIFICATION DE L'EQUITE TEMPORELLE DANS LES EVENEMENTS D'ECHANGE ELECTRONIQUE**
[72] MELTON, HAYDEN PAUL, US
[73] REFINITIV US ORGANIZATION LLC, US
[86] (2946578)
[87] (2946578)
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[51] **Int.Cl. B65D 73/00 (2006.01)**
[25] EN
[54] **ALL-IN-ONE GIFT PACKAGING SYSTEM**
[54] **SYSTEME D'EMBALLAGE DE CADEAU TOUT-EN-UN**
[72] LOPEZ, BOBBIE, US
[72] CRUICKSHANK, JAMES, US
[72] CRUICKSHANK, JACK, US
[73] LOPEZ, BOBBIE, US
[73] CRUICKSHANK, JAMES, US
[73] CRUICKSHANK, JACK, US
[85] 2016-10-24
[86] 2015-04-27 (PCT/US2015/027778)
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[30] US (61/986,788) 2014-04-30
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[25] EN
[54] **PHAGE DISPLAY LIBRARY**
[54] **BANQUE D'EXPOSITION SUR PHAGE**
[72] SZARDENINGS, MICHAEL, DE
[72] DELAROQUE, NICOLAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] EP (14166662.8) 2014-04-30

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[54] **WELLHEAD SAFETY VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE DE SECURITE DE TETE DE PUITS**
[72] LANDRY, HAROLD WAYNE, US
[73] LANDRY, HAROLD WAYNE, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028612)
[87] (WO2015/168454)
[30] US (61/986,177) 2014-04-30

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[51] **Int.Cl. H04W 12/10 (2009.01) H04W 12/02 (2009.01) G06Q 30/06 (2012.01) H04B 17/318 (2015.01)**
[25] EN
[54] **VERIFYING A SECURE CONNECTION BETWEEN A NETWORK BEACON AND A USER COMPUTING DEVICE**
[54] **VERIFICATION D'UNE CONNEXION SECURISEE ENTRE UNE BALISE DE RESEAU ET UN DISPOSITIF INFORMATIQUE D'UTILISATEUR**
[72] WEKSLER, MICHEL, US
[72] ABOUSSELHAM, YASSIR, US
[73] GOOGLE LLC, US
[85] 2016-11-14
[86] 2015-04-29 (PCT/US2015/028304)
[87] (WO2015/175222)
[30] US (61/992,855) 2014-05-13
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[25] EN
[54] **IMPLOSION REACTOR TUBE**
[54] **TUBE DE REACTEUR A IMPLOSION**
[72] STEIN, DONALD JOSEPH, CA
[73] STEIN, DONALD JOSEPH, CA
[85] 2016-11-17
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[87] (WO2015/176170)
[30] CA (2,852,460) 2014-05-23

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[51] **Int.Cl. H04N 19/30 (2014.01) H04N 21/2343 (2011.01) H04N 21/434 (2011.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **INDIVIDUAL BUFFER MANAGEMENT IN TRANSPORT OF SCALABLE VIDEO**
[54] **GESTION DE MEMOIRE TAMPON INDIVIDUELLE LORS DU TRANSPORT D'UNE VIDEO EXTENSIBLE**
[72] NARASIMHAN, MANDAYAM, US
[72] LUTHRA, AJAY K., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/031897)
[87] (WO2015/179596)
[30] US (62/001,412) 2014-05-21
[30] US (14/718,188) 2015-05-21

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[51] **Int.Cl. E04B 1/18 (2006.01) E04B 1/348 (2006.01) E04B 1/74 (2006.01) E04B 2/92 (2006.01) E04C 2/292 (2006.01) E04C 3/30 (2006.01) H02G 3/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN BUILDINGS**
[54] **AMELIORATIONS DANS DES BATIMENTS**
[72] MCKENZIE, FIONA, AU
[73] SUPERPOD PTY. LTD., AU
[85] 2016-12-07
[86] 2015-06-10 (PCT/AU2015/050319)
[87] (WO2015/188229)
[30] AU (2014902202) 2014-06-10
[30] AU (2014904058) 2014-10-10

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[13] C
[51] **Int.Cl. E06B 9/50 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **DEVICE FOR STOPPING, RELEASING AND RESTORING THE POSITION OF ROLLER-TYPE WINDOW NETS**
[54] **DISPOSITIF POUR ARRETER, RELACHER ET RETABLIR LA POSITION D'ECRANS DE FENETRE DU TYPE A ENROULEMENT**
[72] BRIOSCHI, ROBERTO, IT
[73] FANDIS S.P.A., IT
[85] 2017-01-05
[86] 2014-07-08 (PCT/IT2014/000181)
[87] (WO2016/006005)

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[51] **Int.Cl. F17C 1/06 (2006.01)**
[25] EN
[54] **A COMPOSITE MATERIAL CONTAINER AND THE FORMING METHOD OF ITS COMPOSITE MATERIAL LAYER**
[54] **UN CONTENANT DE MATERIAU EN COMPOSITE ET LA METHODE DE FORMAGE DE SA COUCHE DE MATERIAU EN COMPOSITE**
[72] YANG, MINGAO, CN
[72] KUANG, HUAN, CN
[72] LI, MEILLIN, CN
[72] ZHANG, HONG, CN
[73] SINOMA SCIENCE & TECHNOLOGY(SUZHOU) CO., LTD., CN
[85] 2017-01-26
[86] 2015-05-14 (PCT/CN2015/078938)
[87] (WO2016/029718)
[30] CN (201410438888.7) 2014-08-29

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[13] C
[51] **Int.Cl. D06F 34/20 (2020.01) D06F 23/04 (2006.01) D06F 37/18 (2006.01) D06F 37/28 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS INCLUDING A DOOR SENSING UNIT**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE COMPORTANT UN MODULE CAPTEUR DE PORTE**
[72] LEE, JIHONG, KR
[72] GWON, HYEOKJIN, KR
[72] JOO, HYOJIN, KR
[73] LG ELECTRONICS INC., KR
[85] 2017-01-26
[86] 2016-06-30 (PCT/KR2016/007024)
[87] (WO2017/003212)
[30] KR (10-2015-0092784) 2015-06-30

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[13] C
[51] **Int.Cl. H04L 12/715 (2013.01) H04L 12/813 (2013.01)**
[25] EN
[54] **SOFTWARE DEFINED NETWORKING PORTAL**
[54] **PORTAIL DE MISE EN RESEAU DEFINIE PAR LOGICIEL**
[72] OSBORNE, ERIC, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-02-22
[86] 2015-08-19 (PCT/US2015/045871)
[87] (WO2016/028881)
[30] US (62/040,856) 2014-08-22

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[13] C
[51] **Int.Cl. G01R 33/381 (2006.01) G01R 33/28 (2006.01) G01R 33/383 (2006.01) G01R 33/422 (2006.01) H01F 3/00 (2006.01)**
[25] EN
[54] **FERROMAGNETIC AUGMENTATION FOR MAGNETIC RESONANCE IMAGING**
[54] **AUGMENTATION FERROMAGNETIQUE POUR IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] POOLE, MICHAEL STEPHEN, US
[72] REARICK, TODD, US
[72] ROTHBERG, JONATHAN M., US
[73] HYPERFINE RESEARCH, INC., US
[85] 2017-03-03
[86] 2015-09-04 (PCT/US2015/048515)
[87] (WO2016/037042)
[30] US (62/046,814) 2014-09-05
[30] US (62/110,049) 2015-01-30
[30] US (62/111,320) 2015-02-03
[30] US (62/174,666) 2015-06-12

[11] **2,963,008**
[13] C
[51] **Int.Cl. G03B 13/34 (2006.01) G02B 15/00 (2006.01) G03B 13/36 (2006.01) H04N 5/33 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ADJUSTING CAMERA FOCUS TO FACILITATE INFRARED IMAGING**
[54] **PROCEDE ET SYSTEME POUR EFFECTUER LA MISE AU POINT D'UN D'APPAREIL DE PRISE DE VUES AFIN DE FACILITER L'IMAGERIE INFRAROUGE**
[72] MONKIEWICZ, CHRISTOPHER M., CA
[72] WESTELL, JAMIE, CA
[72] AFROOZE, SINA, CA
[73] AVIGILON CORPORATION, CA
[85] 2017-03-29
[86] 2015-09-25 (PCT/CA2015/050961)
[87] (WO2016/044949)
[30] US (62/055,601) 2014-09-25

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[13] C
[51] **Int.Cl. A01F 15/07 (2006.01) A01F 15/10 (2006.01)**
[25] EN
[54] **A ROUND BALER FOR FORMING A BALE FROM A CROP PRODUCT AND A METHOD**
[54] **PRESSE A BALLES RONDES POUR FORMER UNE BALLE A PARTIR D'UN PRODUIT DE RECOLTE ET PROCEDE CONNEXE**
[72] VARLEY, SEAMUS, IE
[73] KVERNELAND GROUP RAVENNA S.R.L., IT
[85] 2017-04-04
[86] 2015-10-06 (PCT/EP2015/073004)
[87] (WO2016/055448)
[30] EP (14187804.1) 2014-10-06

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[13] C
[51] **Int.Cl. A47J 37/12 (2006.01)**
[25] EN
[54] **ELECTRIC FRYER**
[54] **FRITEUSE ELECTRIQUE**
[72] MURAD, URI, US
[72] MAN, KAIMONG, CN
[73] NINGBO BIYI ELECTRIC APPLIANCE CO., LTD, CN
[73] TEAM INTERNATIONAL GROUP OF AMERICA INC., US
[86] (2963647)
[87] (2963647)
[22] 2017-04-10
[30] US (15/367,689) 2016-12-02
[30] US (15/444,166) 2017-02-27

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[13] C
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **SAMPLING AND ANALYSIS SYSTEM AND METHOD FOR USE IN EXPLORATION DRILLING**
[54] **SYSTEME ET PROCEDE D'ECHANTILLONNAGE ET D'ANALYSE DESTINES A ETRE UTILISES DANS LES FORAGES D'EXPLORATION**
[72] LAWIE, DAVID CHARLES, AU
[72] STEVENS, ANTHONY MALCOLM, AU
[72] BLAINE, FREDRICK ALLAN, AU
[72] CAREY, MICHELLE, AU
[72] BAENSCH, AARON, AU
[72] UVAROVA, YULIA, AU
[72] CLEVERLEY, JAMES STUART, AU
[72] SARRAZIN, PHILLIPE, AU
[73] MINEX CRC LTD, AU
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[72] HAM, BRIAN H., US
[72] HUND, HENRY M., US
[72] SMITH, JOHN F., US
[73] ENVIRONMENTAL SOLUTIONS GROUP, INC., US
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[54] **ROBOT MAINTENANCE ASSIST DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ASSISTANCE A LA MAINTENANCE DE ROBOTS**
[72] SAWADA, HIROMI, JP
[72] YOSHIMURA, MASATO, JP
[72] SHIMIZU, TOMOYA, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **PHYSIOLOGICAL PHANTOMS INCORPORATING FEEDBACK SENSORS AND SENSING MATERIALS**
[54] **FANTOMES PHYSIOLOGIQUES COMPRENANT DES CAPTEURS DE RETROACTION ET DES MATERIAUX DE DETECTION**
[72] KERINS, FERGAL, CA
[72] JAGGA, ARUN VICTOR, CA
[72] MAK, SIU WAI JACKY, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **ELECTROLYTE POUR PLACAGE ELECTROLYTIQUE**
[72] ABBOTT, ANDREW PETER, GB
[72] RYDER, KARL SCOTT, GB
[72] HARRIS, ROBERT, GB
[73] UNIVERSITY OF LEICESTER, GB
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[54] **SYSTEMS AND METHODS FOR DATA INDEXING AND PROCESSING**
[54] **SYSTEMES ET PROCEDES D'INDEXATION ET DE TRAITEMENT DE DONNEES**
[72] MORVANT, JOSEPH MATTHEW, US
[72] EBAUGH, MICHAEL JOHN, US
[73] INDXIT SYSTEMS, INC., US
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[54] **CATALYZED CERAMIC CANDLE FILTER AND METHOD OF CLEANING PROCESS OFF- OR EXHAUST GASES**
[54] **FILTRE A BOUGIE EN CERAMIQUE CATALYSE ET PROCEDE DE NETTOYAGE DE DEGAGEMENT GAZEUX OU DE GAZ D'ECHAPPEMENT**
[72] CASTELLINO, FRANCESCO, DK
[72] PEDERSEN, LARS STORM, DK
[73] HALDOR TOPSOE A/S, DK
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[54] **ELECTRICAL DEVICES AND COMPONENTS USED IN ELECTRICAL SYSTEMS MADE WITH SELF-HEALING MATERIALS**
[54] **DISPOSITIFS ELECTRIQUES ET COMPOSANTS UTILISES DANS DES SYSTEMES ELECTRIQUES CONSTITUES DE MATERIAUX AUTOREPARANTS**
[72] GAO, YAN, US
[72] DRANE, MARK, US
[72] DINH, CONG THANH, US
[72] WHITE, RONALD, US
[72] DE LA BORBOLLA, IAN RUBIN, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
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[54] **INTEGRATION AUTOMATISEE DE PREUVE VIDEO AVEC DES ENREGISTREMENTS DE DONNEES**
[72] HICKMAN, GLENN M., US
[72] BOHLANDER, MICHAEL J., US
[72] MENGHANI, MANISH, US
[72] MERSEREAU, ALEXANDER, US
[72] SMITH, PATRICK W., US
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[73] AXON ENTERPRISE, INC., US
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[54] **GROUSER ASSEMBLY FOR ENDLESS TRACK SYSTEMS**
[54] **DISPOSITIF DE CRAMPON DESTINE A DES SYSTEMES A CHENILLE**
[72] LAFRENIERE, PASCAL, CA
[72] BRETON, JEAN-PHILIPPE, CA
[72] ST-ARNAUD, CHARLES, CA
[72] LECLERC, CAROLINE, CA
[72] DEVIN, CHARLES, CA
[72] PETTIGREW, PIERRE-YVES, CA
[73] SOUCY INTERNATIONAL, INC., CA
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[54] **SYSTEME DE COMMANDE SANS FIL DOMESTIQUE INTELLIGENT**
[72] PAN, FEIJIAN, CN
[73] GUANGDONG UNITED INDUSTRIES FAR EAST CO., LTD, CN
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[54] **ANEMOMETRE ULTRASONIQUE ET METHODE DE DETERMINATION D'AU MOINS UNE COMPOSANTE D'UN VECTEUR DE LA VITESSE EOLIENNE OU LA VITESSE DANS L'ATMOSPHERE**
[72] PETERS, GERHARD, DE
[73] METEK METEOROLOGISCHE MESSTECHNIK GMBH, DE
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[54] **METHOD OF MAKING MULTI-TURN COILS**
[54] **PROCEDE DE FABRICATION DE BOBINES MULTISPIRES**
[72] KREMZA, INNA, CA
[72] FENWICK, JEFF, CA
[73] VOITH PATENT GMBH, DE
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[54] **USE OF TREE SAP TO PRESERVE SPERM CELL LINES**
[54] **UTILISATION DE SEVE D'ARBRE POUR CONSERVER DES LIGNEES CELLULAIRES DE SPERMATOZOIDES**
[72] ROBINSON, MEG A., US
[73] MEG ANN ROBINSON FAMILY TRUST DATED JUNE 1, 2016, US
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[54] **SYSTEM, APPARATUS, AND METHOD FOR MEASURING ION CONCENTRATION WITH A STANDARD DEVIATION CORRECTION**
[54] **SYSTEME, APPAREIL ET PROCEDE DE MESURE DE CONCENTRATION IONIQUE AVEC UNE CORRECTION D'ECART TYPE**
[72] WENZEL, ANDREAS M., US
[72] KUSIEK, JORDAN RICHARD, US
[72] STIMPSON, CALDEN CARROLL, US
[72] FONTENOT, SEAN, US
[73] SUPRASENSOR TECHNOLOGIES, LLC, US
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[54] **DETECTION OF PIPELINE EXPOSURE IN WATER CROSSINGS**
[54] **DETECTION D'EXPOSITION DE PIPELINES DANS LES FRANCHISSEMENTS DE NAPPES ET DE COURS D'EAU**
[72] MCINTYRE, JOHN A., CA
[72] PAULSON, PETER O., CA
[73] PURE TECHNOLOGIES LTD., CA
[85] 2017-11-14
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[54] **SAFETY LIGHT FOR MOBILE MINING EQUIPMENT**
[54] **FEU DE SURETE DESTINE A UN EQUIPEMENT D'EXPLOITATION MINIERE MOBILE**
[72] TONELLO, PAUL, CA
[73] TONELLO, PAUL, CA
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[54] **METHOD FOR PRODUCING A COATING CONSISTING OF SURFACER AND TOPCOAT**
[54] **METHODE DE PRODUCTION D'UN REVETEMENT FAIT D'UN AGENT DE SURFACE ET D'UNE COUCHE DE FINITION**
[72] HANNING, ANDREAS, DE
[72] MAYER, BERND, DE
[72] SENDKER, MEINOLF, DE
[72] VIETZE, CARSTEN, DE
[72] WIESING, REINHARD, DE
[73] BASF COATINGS GMBH, DE
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[54] **COATING MATERIAL COMBINATION CONSISTING OF SURFACER AND TOPCOAT**
[54] **COMBINAISON DE MATERIAU DE REVETEMENT FAIT D'UN AGENT DE SURFACE ET D'UNE COUCHE DE FINITION**
[72] HANNING, ANDREAS, DE
[72] HOHNE, JORG, DE
[72] HOLKER, KATHARINA, DE
[72] KLAAS, SABINE, DE
[72] MAYER, BERND, DE
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[54] **COLLIMATEURS DE MINI-FAISCEAUX POUR ACCELERATEURS LINEAIRES MEDICAUX**
[72] CRANMER-SARGISON, GAVIN, CA
[72] KUNDAPUR, VIJAYANANDA, CA
[73] SASKATCHEWAN CANCER AGENCY, CA
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[54] **MESURE DES DONNEES INDIVIDUELLES D'UNE PAIRE DE LUNETTES**
[72] GLASENAPP, CARSTEN, DE
[72] HORNAUER, MATTHIAS, DE
[73] CARL ZEISS AG, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[54] **FREQUENCY HOPPING SOUNDER SIGNAL FOR CHANNEL MAPPING AND EQUALIZER INITIALIZATION**
[54] **SIGNAL DE SONDEUR A SAUT DE FREQUENCE POUR MISE EN CORRESPONDANCE DE CANAUX ET INITIALISATION D'EGALISEUR**
[72] OWEN, HENRY SPYKER, US
[72] PILLAI, BIPIN KUMAR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CHARGEUR DESTINE A PLUSIEURS CIGARETTES ELECTRONIQUES**
[72] CHEN, WEN, CN
[73] SHENZHEN IVPS TECHNOLOGY CO., LTD., CN
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[54] **TERRASSE MOBILE**
[72] RASO, MICHAEL, CA
[72] RULLO, CARLO, CA
[72] VALERIO, SAVERIO, CA
[73] RASO, MICHAEL, CA
[73] RULLO, CARLO, CA
[73] VALERIO, SAVERIO, CA
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[25] EN
[54] **BETA-SUBSTITUTED BETA-AMINO ACIDS AND ANALOGS AS CHEMOTHERAPEUTIC AGENTS AND USES THEREOF**
[54] **ACIDES BETA-AMINES SUBSTITUES EN BETA ET ANALOGUES A UTILISER EN TANT QU'AGENTS DE CHIMIOTHERAPIE ET LEURS UTILISATIONS**
[72] JANDELEIT, BERND, US
[72] FISCHER, WOLF-NICOLAS, US
[72] KOLLER, KERRY J., US
[72] RINGOLD, GORDON, US
[73] QUADRIGA BIOSCIENCES, INC., US
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[54] **COATINGS CONTAINING MULTIPLE DRUGS**
[54] **REVETEMENTS CONTENANT PLUSIEURS MEDICAMENTS**
[72] DEYOUNG, JAMES, US
[72] TAYLOR, DOUG, US
[72] MCCLAIN, JAMES (JIM) B., US
[72] SMOKE, CLINT, US
[72] COLE, MIKE, US
[73] MICELL TECHNOLOGIES, INC., US
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[25] EN
[54] **CORE/SHELL POLYMER PARTICLES AS SURFACE SIZING AGENTS**
[54] **PARTICULES DE POLYMERE C□UR/ECORCE EN TANT QU'AGENTS D'ENCOLLAGE DE SURFACE**
[72] LEPO, ANNELI, FI
[72] TURUNEN, ELSI, FI
[72] TURKKI, TARJA, FI
[72] UBERBACHER, BERNHARD, FI
[73] KEMIRA OYJ, FI
[85] 2018-03-01
[86] 2016-09-02 (PCT/FI2016/050610)
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[25] EN
[54] **DISPLAY AND DISPENSING APPARATUS AND METHOD**
[54] **AFFICHEUR ET APPAREIL DE DISTRIBUTION ET METHODE**
[72] LUBERTO, MICHAEL D., US
[72] DESENA, MICHAEL D., US
[72] KASSA, GETACHEW, US
[72] FORMAN, GARY, US
[73] HENSCHEL-STEINAU, INC., US
[86] (2998015)
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[30] US (15/456,896) 2017-03-13

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[25] EN
[54] **ETHOXYLATED AMINES FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **AMINES ETHOXYLEES DESTINEES A ETRE UTILISEES DANS DES FORMATIONS SOUTERRAINES**
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] HE, KAI, US
[72] RANE, JAYANT, US
[72] XU, LIANG, US
[73] MULTI-CHEM GROUP, LLC, US
[85] 2018-03-15
[86] 2015-11-16 (PCT/US2015/060924)
[87] (WO2017/086919)

[11] **3,000,527**
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[51] **Int.Cl. A47J 37/06 (2006.01) F24C 7/08 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **WIRELESS CONTROL AND STATUS MONITORING FOR ELECTRIC GRILL WITH CURRENT PROTECTION CIRCUITRY**
[54] **COMMANDE SANS FIL ET SURVEILLANCE D'ETAT D'UN GRILL ELECTRIQUE DOTE D'UN CIRCUIT DE PROTECTION DU COURANT**
[72] KNAPPENBERGER, ERIC, US
[72] ZULETA, JULIO C., US
[72] LERCH, MATTHEW, US
[72] EMMERICH, JEFFERY C., US
[73] WEBER-STEPHEN PRODUCTS LLC, US
[86] (3000527)
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[25] EN
[54] **SWEETENING COMPOSITIONS COMPRISING A STEVIOSIDE/REBAUDIOSIDE D COMPLEX**
[54] **COMPOSITIONS EDULCORANTES RENFERMANT UN COMPLEXE STEVIOSIDE ET REBAUDIOSIDE D**
[72] BROWNE, DAMIAN, US
[72] FANG, YUAN, US
[72] ZHANG, NAIJIE, US
[73] PEPSICO, INC., US
[85] 2018-03-29
[86] 2017-08-04 (PCT/US2017/045553)
[87] (WO2018/027157)
[30] US (62/370,799) 2016-08-04
[30] US (62/377,168) 2016-08-19

[11] **3,001,039**
[13] C
[51] **Int.Cl. C10G 21/14 (2006.01)**
[25] EN
[54] **OFF-SPEC CRUDE OIL UPGRADING**
[54] **VALORISATION DE PETROLE BRUT HORS SPECIFICATIONS**
[72] PRIM, ERIC, US
[73] PILOT ENERGY SOLUTIONS, LLC, US
[86] (3001039)
[87] (3001039)
[22] 2018-04-11
[30] US (62/484,087) 2017-04-11

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[11] **3,002,258**
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[51] **Int.Cl. F04B 53/00 (2006.01) F04B 19/22 (2006.01) F04B 53/10 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP WITH IMPROVED CROSS-BORE**
[54] **POMPE ALTERNATIVE DOTEE D'UN TROU PERPENDICULAIRE AMELIORE**
[72] DYER, ROBERT JAMES, US
[72] CACKLER, CHRIS LEE, US
[72] CARY, PAUL DOUGLAS, US
[73] GARDNER DENVER PETROLEUM PUMPS, LLC, US
[86] (3002258)
[87] (3002258)
[22] 2018-04-19
[30] US (15/497,543) 2017-04-26

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[13] C
[51] **Int.Cl. F21V 33/00 (2006.01) F21V 8/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **ILLUMINATION DEVICE FOR A FLUID DELIVERY APPARATUS**
[54] **DISPOSITIF D'ILLUMINATION DESTINE A UN APPAREIL DE DISTRIBUTION DE FLUIDE**
[72] WEAVER, CASEY S., US
[72] KIMBELL, MARTIN J., US
[72] BUESCHER, ALISHA, US
[72] HAYES, GERALD R., US
[73] DELTA FAUCET COMPANY, US
[86] (3002817)
[87] (3002817)
[22] 2018-04-25
[30] US (62/490,008) 2017-04-25

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[51] **Int.Cl. B01J 23/888 (2006.01) B01J 37/08 (2006.01) C10G 49/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE BIS-AMMONIA TRANSITION METAL MOLYBDOTUNGSTATE**
[54] **MOLYBDO TUNGSTATE METALLIQUE DE TRANSITION BIS-AMMONIAC CRISTALLIN**
[72] MILLER, STUART, US
[72] COLLINS, LAURA, US
[72] KOSTER, SUSAN C., US
[73] UOP LLC, US
[85] 2018-05-07
[86] 2016-12-13 (PCT/US2016/066259)
[87] (WO2017/106125)
[30] US (62/267,865) 2015-12-15

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[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/485 (2006.01) A61P 17/04 (2006.01) A61P 25/04 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR TREATING PAIN**
[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE LA DOULEUR**
[72] ZHUO, MIN, CN
[73] FOREVER CHEER INTERNATIONAL LIMITED, CN
[86] (3005375)
[87] (3005375)
[22] 2018-05-18
[30] JP (2017-100431) 2017-05-20

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[11] **3,005,408**
[13] C
[51] **Int.Cl. B23K 9/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS TO PREHEAT WELDING WIRE**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR PRECHAUFFER UN FIL DE SOUDAGE**
[72] HSU, CHRISTOPHER, US
[72] SIGL, DENNIS, US
[72] ZWAYER, JAKE, US
[72] UECKER, JAMES, US
[72] PATTERSON, JON MICHAEL, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-11
[86] 2016-12-07 (PCT/US2016/065265)
[87] (WO2017/100247)
[30] US (62/265,712) 2015-12-10
[30] US (62/329,378) 2016-04-29
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A FORMOTEROL COMPOUND**
[54] **COMPOSITION PHARMACEUTIQUE COMPORTANT UN COMPOSE DE FORMOTEROL**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[73] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2018-05-31
[86] 2016-12-02 (PCT/GB2016/053812)
[87] (WO2017/093758)
[30] GB (1521456.2) 2015-12-04
[30] GB (1615916.2) 2016-09-19

[11] **3,008,785**
[13] C
[51] **Int.Cl. C13K 1/02 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **SACCHARIFICATION REACTION MIXTURE, SACCHARIFICATION ENZYME COMPOSITION, SUGAR PRODUCTION METHOD, AND ETHANOL PRODUCTION METHOD**
[54] **MELANGE DE REACTION DE SACCHARIFICATION, COMPOSITION D'ENZYME DE SACCHARIFICATION, PROCEDE DE PRODUCTION DE SUCRE ET PROCEDE DE PRODUCTION D'ETHANOL**
[72] ODAKA, KAZUTOSHI, JP
[72] SEKIGUCHI, KAZUTOSHI, JP
[73] NISSAN CHEMICAL CORPORATION, JP
[85] 2018-06-15
[86] 2017-10-12 (PCT/JP2017/037014)
[87] (WO2018/070478)
[30] JP (2016-203027) 2016-10-14

[11] **3,009,511**
[13] C
[51] **Int.Cl. A47G 9/02 (2006.01)**
[25] EN
[54] **CONTOUR SHEET AND METHOD OF MAKING THEREOF**
[54] **DRAP-HOUSSE ET SON PROCEDE DE FABRICATION**
[72] MITTAL, KHUSHBOO, US
[72] KANDHASAMY, MOHAN MEIYAPPAN, US
[73] SYSCO GUEST SUPPLY, LLC, US
[85] 2018-06-21
[86] 2016-12-30 (PCT/US2016/069380)
[87] (WO2017/117485)
[30] US (62/273,483) 2015-12-31

[11] **3,010,468**
[13] C
[51] **Int.Cl. F28D 15/02 (2006.01) F28F 7/00 (2006.01)**
[25] EN
[54] **VERTICAL HEAT PIPE INCORPORATING A BOX AT ITS UPPER END**
[54] **CALODUC VERTICAL INCORPORANT UNE BOITE A SON EXTREMITE SUPERIEURE**
[72] HOSHINO, KUNIO, JP
[72] KIMURA, REI, JP
[72] YAMAMOTO, YASUSHI, JP
[72] FUKUTA, MASATO, JP
[72] MAWATARI, TAKASHI, JP
[72] ABE, SATORU, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION JAPANESE COMPANY, JP
[86] (3010468)
[87] (3010468)
[22] 2018-07-05
[30] JP (2017-132780) 2017-07-06

[11] **3,010,606**
[13] C
[51] **Int.Cl. H02G 13/00 (2006.01)**
[25] EN
[54] **INTERNAL TETHER FOR LIGHTNING PROTECTION**
[54] **ATTACHE INTERNE POUR PROTECTION CONTRE LA FOUDRE**
[72] CAWOOD, MATTHEW D., US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[85] 2018-07-04
[86] 2017-01-24 (PCT/US2017/014654)
[87] (WO2017/132110)
[30] US (62/287,574) 2016-01-27

[11] **3,012,050**
[13] C
[51] **Int.Cl. A61C 17/02 (2006.01) A61M 3/02 (2006.01)**
[25] EN
[54] **REDUCED FORM FACTOR ORAL IRRIGATOR**
[54] **IRRIGATEUR BUCCAL A FACTEUR DE FORME REDUIT**
[72] SENFF, OSCAR, US
[72] WAGNER, ROBERT, US
[73] WATER PIK, INC., US
[85] 2018-07-19
[86] 2017-01-25 (PCT/US2017/014985)
[87] (WO2017/132284)
[30] US (62/286,925) 2016-01-25
[30] US (62/416,926) 2016-11-03

[11] **3,013,494**
[13] C
[51] **Int.Cl. C10G 33/04 (2006.01) C08F 2/22 (2006.01) C08F 220/28 (2006.01)**
[25] EN
[54] **WATER/CRUDE OIL REMOVERS BASED ON ALKYLACRYLIC-CARBOXYALKYLACRYLIC RANDOM COPOLYMERS OF CONTROLLED MOLECULAR MASS**
[54] **ELIMINATEURS D'EAU/PETROLE BRUT FONDES SUR DES COPOLYMERES ALEATOIRES ALKYLACRYLIQUES-CARBOXYLALKYLACRYLIQUES DE MASSE MOLECULAIRE CONTROLEE**
[72] FLORES SANDOVAL, CESAR ANDRES, MX
[72] CHAVEZ MORA, MARCO ANTONIO, MX
[72] ZAMORA GUERRERO, EDGAR BENEDICTO, MX
[72] LOPEZ ORTEGA, ALFONSO, MX
[72] ZAVALA OLIVARES, GERARDO, MX
[72] ALVAREZ RAMIREZ, FERNANDO, MX
[72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (3013494)
[87] (3013494)
[22] 2018-08-07
[30] MX (MX/A/2018/002971) 2018-03-09

[11] **3,017,303**
[13] C
[51] **Int.Cl. B23K 11/06 (2006.01) B23K 11/11 (2006.01) B23K 11/24 (2006.01)**
[25] EN
[54] **SEAM WELDING METHOD AND SEAM WELDING DEVICE**
[54] **PROCEDE DE SOUDAGE PAR JOINTS ET DISPOSITIF DE SOUDAGE PAR JOINTS**
[72] IGAUE, MITSUTAKA, JP
[72] ISHIKAWA, YUYA, JP
[72] KAWAI, YASUHIRO, JP
[72] KODAMA, TETSUYA, JP
[72] YAMAASHI, KAZUHIKO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2018-09-10
[86] 2017-03-09 (PCT/JP2017/009584)
[87] (WO2017/159546)
[30] JP (2016-049649) 2016-03-14

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[13] C
[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **PUNCTURE RESISTANT SEALS FOR LOADING DOCKS**
[54] **SAS DE PROTECTION RESISTANT A LA PERFORATION POUR QUAIS DE CHARGEMENT**
[72] HEIM, FRANK, US
[72] BORGERDING, GARY, US
[72] WITHROW, RYAN, US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2018-09-17
[86] 2017-03-03 (PCT/US2017/020732)
[87] (WO2017/160512)
[30] US (15/073,252) 2016-03-17

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[13] C
[51] **Int.Cl. H04B 7/185 (2006.01) H04W 40/12 (2009.01)**
[25] EN
[54] **ADMISSION CONTROL SYSTEM FOR SATELLITE-BASED INTERNET ACCESS AND TRANSPORT**
[54] **SYSTEME DE CONTROLE D'ADMISSION POUR UN ACCES ET UN TRANSPORT INTERNET PAR SATELLITE**
[72] CORSON, MATHEW SCOTT, US
[73] WORLDVU SATELLITES LIMITED, US
[85] 2018-09-17
[86] 2017-03-24 (PCT/US2017/024036)
[87] (WO2017/165780)
[30] US (62/312,969) 2016-03-24
[30] US (15/468,774) 2017-03-24

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[13] C
[51] **Int.Cl. A01D 91/00 (2006.01) A01D 44/00 (2006.01)**
[25] EN
[54] **A CAPTURE DEVICE FOR HYDRAULICALLY TRANSMITTED WETLAND PLANT SEEDS AND A METHOD OF USING THE SAME**
[54] **DISPOSITIF DE CAPTURE DESTINE A DES SEMENCES DE MILIEU HUMIDE TRANSMISESDE MANIERE HYDRAULIQUE ET PROCEDE POUR L'UTILISER**
[72] LI, WEI, CN
[72] DOU, ZHIGUO, CN
[72] CUI, LIJUAN, CN
[72] KANG, XIAOMING, CN
[72] ZHANG, XIAODONG, CN
[72] WANG, YAN, CN
[72] LI, CHUNYI, CN
[72] ZHAO, XINSHENG, CN
[72] HU, YUKUN, CN
[72] XU, HUIBO, CN
[72] CAI, YANG, CN
[72] ZUO, XUEYAN, CN
[73] RESEARCH INSTITUTE OF FORESTRY NEW TECHNOLOGY, CHINESE ACADEMY OF FORESTRY, CN
[86] (3018231)
[87] (3018231)
[22] 2018-09-21
[30] CN (201810390792.6) 2018-04-27

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[13] C
[51] **Int.Cl. H01Q 1/12 (2006.01) F16B 2/18 (2006.01)**
[25] EN
[54] **USER TERMINAL CLAMP**
[54] **DISPOSITIF DE SERRAGE DE TERMINAL UTILISATEUR**
[72] WALLACE, JOHN, US
[73] WORLDVU SATELLITES LIMITED, US
[85] 2018-09-21
[86] 2017-03-21 (PCT/US2017/023379)
[87] (WO2017/165396)
[30] US (62/310,922) 2016-03-21
[30] US (15/457,707) 2017-03-13

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[11] **3,019,612**
[13] C
[51] **Int.Cl. C22C 21/00 (2006.01) C22C 1/02 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH DISSOLVABLE ALUMINIUM ALLOY AND PREPARATION METHOD THEREFOR**
[54] **ALLIAGE D'ALUMINIUM SOLUBLE A HAUTE RESISTANCE ET SON PROCEDE DE PREPARATION**
[72] QIN, YI, CN
[72] ZHAO, TING, CN
[72] ZHANG, YAJIE, CN
[72] XU, YONGHUI, CN
[73] PHENOM INNOVATIONS (XI'AN) CO., LTD., CN
[85] 2018-10-01
[86] 2015-04-17 (PCT/CN2015/000274)
[87] (WO2016/165041)

[11] **3,020,141**
[13] C
[51] **Int.Cl. A24F 40/60 (2020.01) G06F 21/31 (2013.01)**
[25] EN
[54] **UNLOCKING METHOD FOR ELECTRONIC CIGARETTE, UNLOCKING DEVICE USING SAME AND COMPUTER READABLE STORAGE MEDIUM**
[54] **PROCEDE DE DEVERROUILLAGE POUR CIGARETTE ELECTRONIQUE, DISPOSITIF DE DEVERROUILLAGE L'UTILISANT ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR**
[72] OUYANG, JUNWEI, CN
[73] SHENZHEN IVPS TECHNOLOGY CO., LTD., CN
[86] (3020141)
[87] (3020141)
[22] 2018-10-09
[30] CN (201810940879.6) 2018-08-17

[11] **3,020,554**
[13] C
[51] **Int.Cl. G01D 5/32 (2006.01) G01B 11/16 (2006.01) G01H 9/00 (2006.01) G01K 11/32 (2006.01) G01L 11/02 (2006.01)**
[25] EN
[54] **DISTRIBUTED OPTICAL FIBRE SENSOR**
[54] **CAPTEUR A FIBRES OPTIQUES REPARTIES**
[72] HANDEREK, VINCENT, GB
[73] FOTECH GROUP LIMITED, GB
[86] (3020554)
[87] (3020554)
[22] 2011-12-06
[62] 2,819,612
[30] GB (1020827.0) 2010-12-08

[11] **3,021,258**
[13] C
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 34/14 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS WITH A VALVE ARRANGEMENT**
[54] **APPAREIL DE FOND DE TROU A ENSEMBLE VANNE**
[72] BRUCE, STEPHEN EDMUND, GB
[72] GRANT, DAVID, GB
[72] WALLACE, SCOTT E., GB
[72] SMITH, EWAN, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
[85] 2018-10-17
[86] 2017-05-02 (PCT/GB2017/051223)
[87] (WO2017/191442)
[30] GB (1607710.9) 2016-05-03

[11] **3,022,211**
[13] C
[51] **Int.Cl. E04B 1/344 (2006.01)**
[25] EN
[54] **COLUMN FRAME STRUCTURE FOR PREFABRICATED HOUSE**
[54] **STRUCTURE DE CADRE DE COLONNE POUR MAISON PREFABRIQUEE**
[72] SUZUKI, HIROHO, JP
[72] AIZAWA, YUSUKE, JP
[73] SANKYO FRONTIER CO., LTD., JP
[85] 2018-10-25
[86] 2017-04-25 (PCT/JP2017/016266)
[87] (WO2017/188207)
[30] JP (2016-001956) 2016-04-28

[11] **3,022,536**
[13] C
[51] **Int.Cl. A61N 1/378 (2006.01)**
[25] EN
[54] **EXTERNAL CHARGER FOR AN IMPLANTABLE MEDICAL DEVICE FOR DETERMINING POSITION USING PHASE ANGLE OR A PLURALITY OF PARAMETERS AS DETERMINED FROM AT LEAST ONE SENSE COIL**
[54] **CHARGEUR EXTERNE POUR DISPOSITIF MEDICAL IMPLANTABLE PERMETTANT DE DETERMINER UNE POSITION A L'AIDE D'UN ANGLE DE PHASE OU D'UNE PLURALITE DE PARAMETRES TELS QUE DETERMINES A PARTIR D'AU MOINS UNE BOBINE DE DETECTION**
[72] AGHASSIAN, DANIEL, US
[72] STOUFFER, THOMAS W., US
[72] LARCOM, JONATHAN, US
[72] GUPTA, GAURAV, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2018-10-29
[86] 2017-06-09 (PCT/US2017/036841)
[87] (WO2017/218353)
[30] US (62/350,565) 2016-06-15
[30] US (15/616,543) 2017-06-07

[11] **3,022,783**
[13] C
[51] **Int.Cl. H03F 1/34 (2006.01)**
[25] EN
[54] **AMPLIFIER**
[54] **AMPLIFICATEUR**
[72] MU, FENGHAO, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-10-31
[86] 2016-05-02 (PCT/EP2016/059791)
[87] (WO2017/190764)

[11] **3,023,592**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 7/06 (2006.01) C07K 14/015 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/35 (2006.01) C12N 15/62 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **ADENO-ASSOCIATED VIRUS VARIANT CAPSIDS AND METHODS OF USE THEREOF**
[54] **VARIANTES DE CAPSIDES DE VIRUS ADENO-ASSOCIE ET LEURS PROCEDES D'UTILISATION**
[72] KIRN, DAVID H., US
[72] KOTTERMAN, MELISSA, US
[72] SCHAFFER, DAVID, US
[73] 4D MOLECULAR THERAPEUTICS INC., US
[85] 2018-11-08
[86] 2017-05-12 (PCT/US2017/032542)
[87] (WO2017/197355)
[30] US (62/336,441) 2016-05-13
[30] US (62/378,106) 2016-08-22
[30] US (62/384,590) 2016-09-07
[30] US (62/454,612) 2017-02-03

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[13] C
[51] **Int.Cl. G01N 27/82 (2006.01) E21B 19/22 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR INSPECTING COILED TUBING**
[54] **APPAREIL ET PROCEDE D'INSPECTION D'UN TUBE SPIRALE**
[72] MARTIN, BRADLEY ROBERT, CA
[72] CARLSON, AARON MITCHELL, CA
[73] INTELLIGENT WELLHEAD SYSTEMS INC., CA
[85] 2018-11-16
[86] 2018-04-18 (PCT/CA2018/050465)
[87] (WO2018/191819)
[30] US (62/486,816) 2017-04-18

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[13] C
[51] **Int.Cl. A61H 3/00 (2006.01) A63B 23/08 (2006.01)**
[25] EN
[54] **WALKING MOTION ASSIST DEVICE**
[54] **DISPOSITIF D'ASSISTANCE AU MOUVEMENT DE MARCHE**
[72] YUGE, RUI, JP
[72] KAWAHARA, YUMI, JP
[73] SPACE BIO-LABORATORIES CO., LTD., JP
[85] 2018-11-29
[86] 2016-11-28 (PCT/JP2016/085113)
[87] (WO2017/208480)
[30] JP (2016-111378) 2016-06-02

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[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **TWO-PART DISSOLVABLE FLOW-PLUG FOR A COMPLETION**
[54] **OBTURATEUR SOLUBLE EN DEUX PARTIES POUR UNE COMPLETION**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY, US
[72] NOVELEN, RYAN M., US
[72] MCCHESNEY, RYAN W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-12-13
[86] 2016-07-13 (PCT/US2016/042048)
[87] (WO2018/013101)

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[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/397 (2006.01) A61K 31/437 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **IMIDAZO[1,2-A]PYRIDINE DERIVATIVES, METHODS FOR PREPARING THE SAME AND USE THEREOF**
[54] **DERIVES D'IMIDAZO[1,2-A]PYRIDINE, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] KIM, JEONGMIN, KR
[72] LEE, HYUNHO, KR
[72] CHUN, KWANGWOO, KR
[72] PARK, CHUN-HO, KR
[72] JANG, EUNSUNG, KR
[72] PARK, YOONSUN, KR
[72] KIM, JOSEPH, KR
[73] JEIL PHARMACEUTICAL CO.,LTD., KR
[85] 2019-01-02
[86] 2017-07-04 (PCT/KR2017/007055)
[87] (WO2018/008929)
[30] KR (10-2016-0085048) 2016-07-05

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[13] C
[51] **Int.Cl. F24C 15/00 (2006.01) E05B 47/00 (2006.01) E05B 65/00 (2006.01) E05B 65/06 (2006.01) F24C 7/08 (2006.01) G05G 5/08 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM AND DOOR OPENING CONTROL METHOD**
[54] **MECANISME DE VERROUILLAGE ET METHODE DE CONTROLE D'OUVERTURE DE PORTE**
[72] CHEN, ZENG, CN
[73] PANASONIC APPLIANCES MICROWAVE OVEN(SHANGHAI) CHINA CO., LTD., CN
[86] (3031662)
[87] (3031662)
[22] 2019-01-28
[30] CN (201810083947.1) 2018-01-29

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[13] C
[51] **Int.Cl. E05B 65/08 (2006.01) E05B 41/00 (2006.01) E05B 47/06 (2006.01)**
[25] EN
[54] **LOCK AND SCREEN DOOR**
[54] **SERRURE ET PORTE-MOUSTIQUAIRE**
[72] LIU, XIUWU, CN
[72] LI, YUE, CN
[72] SONG, HUIZHI, CN
[73] PANASONIC MANUFACTURING (BEIJING) CO., LTD., CN
[85] 2019-02-01
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[25] EN
[54] **GAS TURBINE ENGINE WITH AN EMBEDDED ELECTRIC MACHINE**
[54] **TURBINE A GAZ A MACHINE ELECTRIQUE INTEGREE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] GEMIN, PAUL ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
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[86] 2017-08-16 (PCT/US2017/047110)
[87] (WO2018/038992)
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[25] EN
[54] **METHOD FOR PRODUCING FIBER-REINFORCED RESIN MOLDED ARTICLES**
[54] **PROCEDE DE PRODUCTION D'ARTICLES MOULES EN RESINE RENFORCEE DE FIBRES**
[72] MAEDA, MITSUTOSHI, JP
[72] TAKENO, KAZUMA, JP
[72] TOKUTOMI, HIROSHI, JP
[72] SATO, TETSUYA, JP
[72] KUGA, KAZUNORI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2019-02-07
[86] 2017-08-09 (PCT/JP2017/028939)
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[25] EN
[54] **SNOW GROOMER AND CLEARING BLADE FOR SUCH A SNOW GROOMER**
[54] **DAMEUSE ET LAME CHASSE-NEIGE POUR UNE TELLE DAMEUSE**
[72] UMMENHOFER, GERHARD, DE
[72] HANN, DIETER, DE
[72] HOLZAPFEL, SVEN, DE
[73] KASSBOHRER GELANDEFAHRZEUG AG, DE
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[87] (3034019)
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[62] 2,933,242
[30] DE (10 2013 226 923.4) 2013-12-20
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[25] EN
[54] **VIDEO LOAD BALANCING SYSTEM FOR A PEER-TO-PEER SERVER NETWORK**
[54] **SYSTEME D'EQUILIBRAGE DE CHARGE VIDEO POUR UN RESEAU DE SERVEURS PAIR A PAIR**
[72] KYSER, RYAN, US
[72] MEINKE, BRIAN, US
[72] ENSINK, BRIAN JOHN, US
[73] AVASURE, LLC, US
[85] 2019-02-08
[86] 2017-06-21 (PCT/US2017/038530)
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[25] EN
[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
[73] DOLBY INTERNATIONAL AB, NL
[86] (3040779)
[87] (3040779)
[22] 2011-04-06
[62] 2,921,437
[30] US (61/322458) 2010-04-09

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[25] EN
[54] **LDPC CODE TRANSMISSION METHOD USING ROW-ORTHOGONAL STRUCTURE, AND DEVICE THEREFOR**
[54] **PROCEDE DE TRANSMISSION DE CODE LDPC FAISANT APPEL A UNE STRUCTURE ORTHOGONALE EN RANGEE, ET DISPOSITIF ASSOCIE**
[72] SHIN, JONGWOONG, KR
[72] KIM, BONGHOE, KR
[72] KIM, JINWOO, KR
[72] BYUN, ILMU, KR
[73] LG ELECTRONICS INC., KR
[85] 2019-04-18
[86] 2018-02-05 (PCT/KR2018/001505)
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[25] EN
[54] **ENGINEERED KNIT WITH MULTI-DENSITY KNIT ZONE**
[54] **TRICOT TECHNIQUE AVEC ZONE DE TRICOT MULTIDENSITE**
[72] JESCH, SUSANNE ANNETTE, US
[72] WIPER, ANNE LOUISE, US
[73] TBL LICENSING LLC, US
[86] (3041902)
[87] (3041902)
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[30] US (62/665,205) 2018-05-01

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[25] EN
[54] **GRIP ELEMENTS FOR GRIPPING CORROSION-RESISTANT TUBULARS**
[54] **ELEMENTS DE PREHENSION PERMETTANT DE SAISIR DES ELEMENTS TUBULAIRES RESISTANT A LA CORROSION**
[72] SLACK, MAURICE WILLIAM, CA
[73] NOETIC TECHNOLOGIES INC., CA
[85] 2019-04-29
[86] 2017-11-01 (PCT/CA2017/000238)
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[25] EN
[54] **CUTTING TOOL, INSERT HOLDER AND INSERT**
[54] **OUTIL DE COUPE, PORTE-INSERT ET INSERT**
[72] OSAWA, JIRO, JP
[72] YODA, TOMONORI, JP
[73] OSG CORPORATION, JP
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[54] **IMPLANTS FOR BRIDGING OSSEOUS DEFECTS**
[54] **IMPLANTS POUR PONTER DES DEFAUTS OSSEUX**
[72] VAN DYKE, WILLIAM SCOTT, US
[72] LIPORACE, FRANK A., US
[72] DZIADOSZ, DAN, US
[72] GROSSMAN, JORDAN, US
[72] ASUNCION MARQUEZ, JORDI, US
[72] SLAGLE, PAUL THOMAS, US
[72] HAIDUKEWYCH, GEORGE J., US
[72] THORDARSON, DAVID, US
[73] BIOMET MANUFACTURING, LLC, US
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[25] EN
[54] **INHALATION COMPONENT GENERATING DEVICE, CONTROL CIRCUIT, AND CONTROL METHOD AND CONTROL PROGRAM OF INHALATION COMPONENT GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION DE COMPOSANT D'INHALATION, CIRCUIT DE COMMANDE, ET PROCEDE DE CONTROLE ET PROGRAMME DE CONTROLE DE DISPOSITIF DE GENERATION DE COMPOSANT D'INHALATION**
[72] AKAO, TAKESHI, JP
[72] YAMADA, MANABU, JP
[72] FUJITA, HAJIME, JP
[73] JAPAN TOBACCO INC., JP
[86] (3057765)
[87] (3057765)
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[25] EN
[54] **MULTI-TANK SYSTEM FOR AERIAL FIREFIGHTING AIRCRAFT**
[54] **SYSTEME MULTI-RESERVOIR POUR AERONEF DE LUTTE CONTRE L'INCENDIE EN VOL**
[72] COULSON, BRITTON, US
[72] COULSON, WAYNE, US
[73] COULSON, BRITTON, US
[73] COULSON, WAYNE, US
[85] 2019-10-02
[86] 2018-04-16 (PCT/IB2018/052636)
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[25] EN
[54] **DIE ENCAPSULATION IN OXIDE BONDED WAFER STACK**
[54] **ENCAPSULATION DE PUCE DANS UN EMPILEMENT DE TRANCHES LIEES PAR OXYDE**
[72] DRAB, JOHN J., US
[72] MILNE, JASON G., US
[73] RAYTHEON COMPANY, US
[85] 2019-10-24
[86] 2017-11-16 (PCT/US2017/061922)
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[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **ENSEMBLE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] BOILY, PATRICE, CA
[72] BERGERON, MATTHIEU, CA
[72] RICHARD, SIMON, CA
[72] LAPERLE, GHISLAIN, CA
[73] CAMSO INC., CA
[86] (3064100)
[87] (3064100)
[22] 2016-03-04
[62] 2,978,482
[30] US (62/128,183) 2015-03-04

[11] **3,068,386**
[13] C
[51] **Int.Cl. A24F 40/57 (2020.01) A61M 15/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY UNIT FOR AEROSOL INHALER AND CONTROL METHOD AND PROGRAM OF POWER SUPPLY UNIT FOR AEROSOL INHALER**
[54] **BLOC D`ALIMENTATION POUR INHALATEUR D`AEROSOL, ET PROCEDE ET PROGRAMME DE CONTROLE DU BLOC D`ALIMENTATION POUR INHALATEUR D`AEROSOL**
[72] AKAO, TAKESHI, JP
[73] JAPAN TOBACCO INC., JP
[86] (3068386)
[87] (3068386)
[22] 2020-01-15
[30] US (62/793,551) 2019-01-17
[30] JP (2019-035994) 2019-02-28

[11] **3,070,598**
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[25] EN
[54] **ARROW REST**
[54] **APPUIE-FLECHE**
[72] LANGLEY, TIMMY, US
[72] KARCHER, DANIEL, US
[73] BEAR ARCHERY, INC., US
[85] 2020-01-20
[86] 2018-07-18 (PCT/US2018/042619)
[87] (WO2019/018483)
[30] US (62/534,934) 2017-07-20
[30] US (62/640,078) 2018-03-08
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[25] EN
[54] **ELECTRIC DRIVEN HYDRAULIC FRACKING OPERATION**
[54] **OPERATION DE FRACTURATION HYDRAULIQUE A COMMANDE ELECTRIQUE**
[72] FISCHER, JOHN, US
[72] KUBRICHT, DAVID, US
[72] CHEATHAM, RICHARD, US
[72] POLLACK, JEFFREY, US
[72] LAWMAN, CHAD, US
[72] TODD, DAVID, US
[72] NOLEN, TYLER, US
[72] CROSETTO, JOHN J., US
[73] NATIONAL SERVICE ALLIANCE - HOUSTON LLC, US
[86] (3072660)
[87] (3072660)
[22] 2020-02-14
[30] US (62/805,521) 2019-02-14

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[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/65 (2017.01) A61K 38/09 (2006.01)**
[25] EN
[54] **LONG-ACTING PALMITIC ACID-CONJUGATED GNRH DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[54] **DERIVE DE GNRH CONJUGUE A DE L'ACIDE PALMITIQUE A ACTION PROLONGEE ET COMPOSITION PHARMACEUTIQUE CONTENANT CELUI-CI**
[72] JIN, DONG KYU, KR
[73] NOVEL PHARMA INC., KR
[85] 2020-03-06
[86] 2018-06-20 (PCT/KR2018/006954)
[87] (WO2019/066199)
[30] KR (10-2017-0125291) 2017-09-27

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[25] EN
[54] **ELECTRIC PRESSURE CANNER WITH DIGITAL CONTROL**
[54] **DISPOSITIF DE MISE EN CONSERVE ELECTRIQUE SOUS PRESSION A COMMANDE NUMERIQUE**
[72] HEDRINGTON, JAMES A., US
[72] WARWICK, JULIAN, US
[73] NATIONAL PRESTO INDUSTRIES, INC., US
[85] 2020-04-13
[86] 2018-10-15 (PCT/US2018/055851)
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[51] **Int.Cl. H01L 31/0256 (2006.01) H01L 31/0224 (2006.01) H01L 31/04 (2014.01)**
[25] EN
[54] **QUASI TWO-DIMENSIONAL LAYERED PEROVSKITE MATERIAL, RELATED DEVICES AND METHODS FOR MANUFACTURING THE SAME**
[54] **MATERIAU PEROVSKITE STRATIFIE QUASI BIDIMENSIONNEL, DISPOSITIFS ASSOCIES ET LEURS PROCEDES DE FABRICATION**
[72] QUAN, LI NA, CA
[72] GARCIA DE ARQUER, FRANCISCO PELAYO, CA
[72] SABATINI, RANDY PAT, US
[72] HOOGLAND, SJOERD, CA
[72] SARGENT, EDWARD, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2020-04-17
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[51] **Int.Cl. B02C 2/00 (2006.01) B02C 2/04 (2006.01)**
[25] EN
[54] **HELICAL GEAR WELL FOR CRUSHING APPARATUS**
[54] **LOGEMENT D'ENGRENAGE HELICOIDAL POUR APPAREIL DE BROYAGE**
[72] SVENSSON, DANIEL, US
[72] DANIEL, MARK, US
[72] LINDQVIST, MATS OLOF, SE
[72] MILLER, NATHAN LEWIS, US
[73] FLSMIDTH A/S, DK
[85] 2020-05-14
[86] 2018-11-16 (PCT/IB2018/059070)
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[30] DK (PA 2017 70866) 2017-11-16

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[51] **Int.Cl. F16L 59/14 (2006.01) F16L 58/02 (2006.01)**
[25] EN
[54] **A PIPE INSULATION SYSTEM**
[54] **SYSTEME D`ISOLATION DE CONDUITE**
[72] BRIGHAM, GRAHAM, CA
[73] BRIGHAM, GRAHAM, CA
[86] (3089564)
[87] (3089564)
[22] 2019-12-10
[62] 3,064,458

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[51] **Int.Cl. H01F 27/29 (2006.01) H01F 27/30 (2006.01)**
[25] EN
[54] **METHODS, APPARATUS AND SYSTEMS FOR DRY-TYPE TRANSFORMERS**
[54] **PROCEDES, APPAREIL ET SYSTEMES DE TRANSFORMATEURS DE TYPE SEC**
[72] NAVARRO, MARTIN ALSINA, BR
[72] WANG, YAOQIANG, CN
[72] MORENO, ANDRE LUIZ, BR
[72] ZHANG, MING, CN
[72] YU, XIONG, CN
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[73] HAINAN JINPAN SMART TECHNOLOGY CO., LTD., CN
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[25] FR
[54] **UNKNOWN**
[54] **INCONNU**
[72] JAUVIN, MICHEL, CA
[71] JAUVIN, MICHEL, CA
[22] 2019-05-24
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[51] **Int.Cl. F21K 9/23 (2016.01) F21V 17/16 (2006.01) F21V 21/04 (2006.01) H02G 3/12 (2006.01) F21S 8/02 (2006.01)**
[25] EN
[54] **APPARATUS TO DETACHABLY ATTACH LED LIGHT FIXTURE TO CEILING OR RECESSED LIGHTING FIXTURE HOUSING**
[54] **APPAREIL POUR FIXER DE MANIERE AMOVIBLE UN APPAREIL D`ECLAIRAGE A DEL A UN PLAFOND OU UN BOITIER D`APPAREIL D`ECLAIRAGE ENCASTRE**
[72] SHERMAN, DAVID, US
[71] SHERMAN, DAVID, US
[22] 2019-05-28
[41] 2020-11-28

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[13] A1
[51] **Int.Cl. A21B 3/13 (2006.01) A21B 3/00 (2006.01)**
[25] EN
[54] **BAKING LINER**
[54] **FEUILLE DE CUISSON**
[72] FRIEDERSDORF, STEPHAN S. A. F., CA
[71] FRIEDERSDORF, STEPHAN S. A. F., CA
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[51] **Int.Cl. A61G 17/04 (2006.01) A61G 17/00 (2006.01)**
[25] EN
[54] **CASKET ORNAMENT ATTACHMENT MECHANISM**
[54] **MECANISME DE FIXATION D`ORNEMENT DE CERCUEIL**
[72] WESSEL, CHRISTOPHER M., US
[72] WRAY, GREGORY, US
[71] BATESVILLE SERVICES, INC., US
[22] 2019-05-22
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[51] **Int.Cl. E21B 43/20 (2006.01) E21B 43/12 (2006.01) E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **BITUMEN STORAGE IN SITU**
[54] **STOCKAGE DE BITUME PRODUIT IN SITU**
[72] FILSTEIN, ALEXANDER ELI, CA
[72] GITTINS, SIMON DAVID, CA
[71] CENOVUS ENERGY INC., CA
[22] 2019-05-22
[41] 2020-11-22

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[51] **Int.Cl. A01G 9/02 (2018.01) A01G 9/12 (2006.01)**
[25] EN
[54] **FLOWER POTS SUPPORT MODULAR SYSTEM**
[54] **SYSTEME MODULAIRE POUR SUPPORT A POTS DE FLEURS**
[72] MORIN, FRANCOIS, CA
[72] CVETKOVICH, MARIE, CA
[72] ROSATO, GENNARO, CA
[72] PRIMEAU, MARIO, CA
[71] LES INDUSTRIES RONDI INC., CA
[22] 2019-05-22
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[51] **Int.Cl. F16M 13/02 (2006.01) F16M 11/20 (2006.01)**
[25] EN
[54] **MOUNTING PEDESTALS**
[54] **SOCLES DE MONTAGE**
[72] BROWN, CHRIS, CA
[71] FOCUS AUTO DESIGN INC., CA
[22] 2019-05-22
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[13] A1
[51] **Int.Cl. B60Q 9/00 (2006.01) B60Q 1/32 (2006.01) B60Q 1/34 (2006.01)**
[25] EN
[54] **LARGE VEHICLE TURNING SAFETY WARNING APPARATUS**
[54] **APPAREIL D`AVERTISSEMENT DE SECURITE DE VIRAGE DE VEHICULE DE GROS VEHICULE**
[72] CHING, YA-CHI, CN
[71] CHING, YA-CHI, CN
[22] 2019-05-22
[41] 2020-11-22

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[51] **Int.Cl. B65F 1/14 (2006.01) E01F 7/02 (2006.01) E04H 17/00 (2006.01) A01G 13/02 (2006.01)**
[25] EN
[54] **FOLDING WIND RESISTANT FENCE FOR TRASH CANS**
[54] **CLOTURE REPLIABLE RESISTANTE AU VENT POUR POUBELLES**
[72] ZHOU, DEPENG, CA
[71] ZHOU, DEPENG, CA
[22] 2019-05-23
[41] 2020-11-23

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[51] **Int.Cl. G09F 7/00 (2006.01) G08B 5/00 (2006.01)**
[25] EN
[54] **HIGH ASSURANCE BROADCAST NETWORK ICON (HABNI)**
[54] **ICONE DE RESEAU DE DIFFUSION A ASSURANCE ELEVEE**
[72] UNKNOWN, XX
[71] LIZAR, MARK, CA
[22] 2019-05-23
[41] 2020-11-23

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[51] **Int.Cl. G01M 13/003 (2019.01) F16K 37/00 (2006.01)**
[25] EN
[54] **NON-INVASIVE WIRELESS REMOTE MONITORING METHOD(S) FOR MEASURING, PREDICTING AND QUANTIFYING VALVE POSITION, TRAVEL, CAVITATION, FLASHING, EROSION, LEAKAGE AND MECHANICAL FAILURE**
[54] **PROCEDE DE SURVEILLANCE A DISTANCE SANS FIL NON INVASIF PERMETTANT DE MESURER, DE PREDIRE ET DE QUANTIFIER LA POSITION, LA COURSE, LA CAVITATION, LA VAPORISATION INSTANTANEE, L`EROSION, LA FUITE ET LA DEFAILLANCE MECANIQUE DE VANNES**
[72] DASANI, SRIDHAR, CA
[72] KOSIK-HARVEY, KOLTIN, CA
[71] DASANI, SRIDHAR, CA
[71] KOSIK-HARVEY, KOLTIN, CA
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[51] **Int.Cl. G06F 21/44 (2013.01) G06F 3/14 (2006.01) H04L 9/32 (2006.01)**
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[54] **SYSTEMS AND METHODS OF AUGMENTING OBJECTS ASSOCIATED WITH PERSONAL DATA**
[54] **SYSTEMES ET PROCEDES D`AUGMENTATION D`OBJETS ASSOCIES AUX DONNEES PERSONNELLES**
[72] NAVARRO, MIGUEL, CA
[72] SUTTER, LEVI, CA
[72] ZAIDI, SADIA, CA
[72] ABBAS, MOHAMED, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-05-24
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[51] **Int.Cl. B23D 45/16 (2006.01) B23D 47/02 (2006.01)**
[25] EN
[54] **ROLLING PLATE ASSEMBLY ATTACHMENT FOR PORTABLE POWER CUTTING TOOLS INCLUDING AN IMPROVED STRUCTURAL DESIGN, IMPROVED WHEEL CONFIGURATION, AND A CUTTING GUIDE**
[54] **FIXATION POUR ENSEMBLE DE PLAQUES DE LAMINAGE POUR OUTILS DE COUPE ELECTRIQUES PORTABLES Y COMPRIS UNE CONCEPTION STRUCTURALE AMELIOREE, UNE CONFIGURATION DE ROUE AMELIOREE ET UN GUIDE DE COUPE**
[72] KNIGHT, ERIC, US
[71] CIRCSAW LLC, US
[22] 2019-05-24
[41] 2020-11-24

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MOBILE DISTRIBUTION STATION HAVING ADJUSTABLE FEED NETWORK**
[54] **STATION DE DISTRIBUTION MOBILE AVEC RESEAU DE SOURCES REGLABLE**
[72] SHOCK, RICKY DEAN, US
[71] FUEL AUTOMATION STATION, LLC, US
[22] 2019-05-23
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[13] A1
[51] **Int.Cl. H04S 7/00 (2006.01) H04W 4/30 (2018.01) H04R 3/00 (2006.01) H04S 1/00 (2006.01)**
[25] EN
[54] **AUGMENTED REALITY PLATFORM FOR NAVIGABLE, IMMERSIVE AUDIO EXPERIENCE**
[54] **PLATE-FORME DE REALITE AUGMENTEE POUR UNE EXPERIENCE AUDIO A NAVIGATION FACILE ET IMMERSIVE**
[72] SETTEL, ZACK, CA
[71] SETTEL, ZACK, CA
[22] 2019-05-24
[41] 2020-11-24

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[13] A1
[51] **Int.Cl. F16L 21/06 (2006.01)**
[25] EN
[54] **ADVANCED COUPLING SYSTEM**
[54] **SYSTEME DE RACCORD EVOLUE**
[72] BEAUMONT, DARCY L., CA
[71] BEAUMONT, DARCY L., CA
[22] 2019-05-27
[41] 2020-11-27

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[13] A1
[51] **Int.Cl. A23L 2/56 (2006.01) A23L 27/00 (2016.01) A23L 27/29 (2016.01) A23L 2/38 (2006.01)**
[25] EN
[54] **RASPBERRY FLAVOURED COKE**
[54] **COCA AROMATISE A LA FRAMBOISE**
[72] JOMHA-FARAG, SAMIRA, CA
[71] JOMHA-FARAG, SAMIRA, CA
[22] 2019-05-27
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[13] A1
[51] **Int.Cl. E04F 13/30 (2006.01) E04F 13/12 (2006.01)**
[25] FR
[54] **MAGNETIC WALL CLADDING**
[54] **REVETEMENT MURAL MAGNETIQUE**
[72] BARBEAU, DANNY DB., CA
[71] BARBEAU, DANNY DB., CA
[22] 2019-05-27
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[13] A1
[51] **Int.Cl. E21B 43/119 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **MECHANICAL CASING PERFORATION LOCATOR AND METHODS OF USING SAME**
[54] **LOCALISATEUR DE PERFORATION DE TUBAGE MECANIQUE ET SES PROCEDES D`UTILISATION**
[72] HRUPP, JOZE J., US
[72] DALLAS, LLOYD M., US
[71] EXACTA-FRAC ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61F 2/44 (2006.01)**
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[54] **STIFFENER ATTACHMENT FOR URINE-COLLECTING BAG**
[54] **ELEMENT DE FIXATION DE RAIDISSEUR POUR SAC COLLECTEUR D`URINE**
[72] JENSEN, FREDERICK J., CA
[71] JENSEN, FREDERICK J., CA
[22] 2019-05-28
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[13] A1
[51] **Int.Cl. A63B 21/065 (2006.01)**
[25] EN
[54] **WEIGHTED WEARABLE TRAINING APPARATUS**
[54] **APPAREIL D`ENTRAINEMENT PORTABLE LESTE**
[72] SAAB, NIZAR, CA
[72] HALABI, EDWARD H., CA
[71] ROKET GEAR INC., CA
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/003 (2012.01) E21B 47/117 (2012.01) E21B 47/06 (2012.01) G01F 17/00 (2006.01)**
[25] EN
[54] **CALIPER-BEHIND-CASING FROM PULSED NEUTRON APPARATUS**
[54] **DIAMETREUR SITUE A L`ARRIERE DU TUBAGE PROVENANT D`UN APPAREIL A NEUTRONS PULSES**
[72] PAVLAKSO, PAUL, CA
[72] SCHMID, GREGORY J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2019-05-28
[41] 2020-11-24
[30] US (16/421,829) 2019-05-24

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[51] **Int.Cl. F24C 3/00 (2006.01) F24B 1/195 (2006.01) F24C 15/04 (2006.01) F24C 15/32 (2006.01) F27D 1/00 (2006.01)**
[25] EN
[54] **FIREBOX ASSEMBLY FOR A GAS FIREPLACE AND GAS HEATING APPLIANCE**
[54] **ENSEMBLE FOYER POUR UN FOYER A GAZ ET APPAREIL DE CHAUFFAGE AU GAZ**
[72] WARDROP, WALTER, CA
[72] BARBER, NICHOLAS, CA
[72] WALTER, ROBERT, CA
[71] FLEXCHANGER TECHNOLOGIES INC., CA
[22] 2019-05-24
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[21] **3,044,587**
[13] A1
[51] **Int.Cl. A63F 13/56 (2014.01)**
[25] EN
[54] **CONTROL OF PLAYER CHARACTER WITH ENHANCED MOTION FUNCTIONALITY**
[54] **CONTROLE DU PERSONNAGE JOUEUR AVEC FONCTION DE MOUVEMENT AMELIOREE**
[72] GUIMARAES, RANGNER FERRAZ, CA
[72] LIMA, RODRIGO BARROS, CA
[71] SQUARE ENIX LTD., GB
[22] 2019-05-28
[41] 2020-11-28

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[13] A1
[51] **Int.Cl. A01G 9/24 (2006.01) A01G 9/20 (2006.01) A01G 27/00 (2006.01)**
[25] EN
[54] **SELF-CONTAINED PLANT GROW SYSTEM**
[54] **SYSTEME AUTONOME DE CULTURE DE PLANTES**
[72] LISSNER, DEREK, US
[72] LISSNER, TRACY, US
[72] LISSNER, NICOLE, US
[71] LISSNER, DEREK, US
[71] LISSNER, TRACY, US
[71] LISSNER, NICOLE, US
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[13] A1
[51] **Int.Cl. E01F 13/00 (2006.01)**
[25] EN
[54] **TEMPORARY BARRIER SYSTEM**
[54] **SYSTEME DE BARRIERE TEMPORAIRE**
[72] FOSTER, ROY A., CA
[71] FOSTER, ROY A., CA
[22] 2019-05-30
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[30] US (16424350) 2019-05-28

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[13] A1
[51] **Int.Cl. G01N 1/08 (2006.01)**
[25] EN
[54] **TOOL FOR EXTRACTING SOIL PLUGS FOR ANALYTICAL TESTING**
[54] **OUTIL D`EXTRACTION DE MOTTES DE TERRE POUR ESSAI ANALYTIQUE**
[72] TERZIC, HRVOJE, CA
[72] MORTON, CHRIS, CA
[72] RUTTAN, GINA, CA
[71] 1936100 ONTARIO INC. DBA SYSTEMS PLUS, CA
[22] 2019-07-02
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[51] **Int.Cl. G06F 21/35 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **ESTABLISHING A TRUSTED SESSION WITH A SMART SPEAKER**
[54] **ETABLISSEMENT D`UNE SESSION FIABLE AVEC UN HAUT-PARLEUR INTELLIGENT**
[72] DUNJIC, MILOS, CA
[72] LALKA, VIPUL KISHORE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-07-09
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[51] **Int.Cl. B64C 13/38 (2006.01) B64C 13/04 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **ACTUATOR WITH DECLUTCHABLE OUTPUT LEVER**
[54] **ACTIONNEUR A LEVIER DE SORTIE DEBRAYABLE**
[72] ANTRAYGUE, CEDRIC, FR
[71] RATIER-FIGEAC SAS, FR
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[41] 2020-11-24
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[51] **Int.Cl. B65D 5/20 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **ONE-PIECE CONTAINER WITH INTERNAL SUPPORT STRUCTURE**
[54] **RECIPIENT D`UNE SEULE PIECE A STRUCTURE DE SUPPORT INTERNE**
[72] LITTLE, TROY M., US
[71] GYRE INNOVATIONS, LLC, US
[22] 2019-12-05
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[51] **Int.Cl. E05B 65/44 (2006.01) A47B 96/00 (2006.01) B64D 11/00 (2006.01) E05B 65/46 (2017.01) E05B 65/52 (2006.01) E05C 19/10 (2006.01)**
[25] EN
[54] **LATCH AND CATCH ASSEMBLY**
[54] **ENSEMBLE VERROU ET LOQUET**
[72] LAWRENCE, ROBERT J., US
[71] B/E AEROSPACE, INC., US
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[51] **Int.Cl. F21S 43/40 (2018.01) B64D 47/02 (2006.01) G08G 5/04 (2006.01)**
[25] EN
[54] **MULTIFACETED DISCONTINUOUS REFLECTOR**
[54] **REFLECTEUR DISCONTINU A FACETTES**
[72] EDQUIST, JOHN D., US
[72] BAI, LU, US
[72] KEITH, CHRISTOPHER A., US
[71] B/E AEROSPACE, INC., US
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[51] **Int.Cl. F15B 15/14 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR**
[54] **ACTIONNEUR HYDRAULIQUE**
[72] MEZZINO, GIACOMO, IT
[72] MOLINELLI, DARIO, IT
[72] MAINO, FRANCO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2019-12-11
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[13] A1
[51] **Int.Cl. F24C 3/08 (2006.01) F24C 3/12 (2006.01)**
[25] EN
[54] **MULTI-LEVEL GAS BURNER HAVING ULTRA LOW SIMMER**
[54] **BRULEUR A GAZ A PLUSIEURS COUCHES A MIJOTAGE DELICAT**
[72] KNIGHT, BENJAMIN, US
[72] SILVA, BRIAN, US
[72] WHITE, TYSON, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2020-01-28
[41] 2020-11-22
[30] US (16/419033) 2019-05-22

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SCHEDULING SHIFTS AND EMPLOYEE LEAVE MANAGEMENT**
[54] **PROCEDE ET SYSTEME DE PLANIFICATION DES QUARTS DE TRAVAIL ET DE GESTION DES CONGES DES EMPLOYES**
[72] IZADI, ARMAN, CA
[71] SMARTMED INC., CA
[22] 2020-03-26
[41] 2020-11-28
[30] US (62/853341) 2019-05-28

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[51] **Int.Cl. H01P 11/00 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B29C 64/10 (2017.01) H01P 1/208 (2006.01)**
[25] EN
[54] **ADDITIVELY MANUFACTURED RADIO FREQUENCY FILTER**
[54] **FILTRE DE RADIOFREQUENCES ISSU DE LA FABRICATION ADDITIVE**
[72] ASTON, RICHARD W., US
[72] HASTINGS, NICOLE M., US
[72] SCHOENBORN, NICOLE DIANE, US
[71] THE BOEING COMPANY, US
[22] 2020-04-07
[41] 2020-11-24
[30] US (16/422939) 2019-05-24

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[51] **Int.Cl. H01Q 1/52 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) H01Q 1/36 (2006.01) H01Q 9/16 (2006.01)**
[25] EN
[54] **ADDITIVELY MANUFACTURED MESH CAVITY ANTENNA**
[54] **ANTENNE A CAVITE MAILLEE ISSUE DE LA FABRICATION ADDITIVE**
[72] ASTON, RICHARD W., US
[72] HASTINGS, NICOLE M., US
[72] SANGHVI, MANAV H., US
[72] BIETI, MARTIN W., US
[72] SCHOENBORN, NICOLE DIANE, US
[71] THE BOEING COMPANY, US
[22] 2020-04-07
[41] 2020-11-24
[30] US (16/422949) 2019-05-24

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[51] **Int.Cl. G01S 19/36 (2010.01)**
[25] EN
[54] **DIGITAL CONTROLLED RECEPTION PATTERN ANTENNA FOR SATELLITE NAGIVATION**
[54] **ANTENNE NUMERIQUE A DIAGRAMME DE RECEPTION CONTROLE POUR NAVIGATION PAR SATELLITE**
[72] MURPHY, TIMOTHY ALLEN, US
[72] HARRIS, WILLIAM MATTHEW, US
[71] THE BOEING COMPANY, US
[22] 2020-04-09
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[30] US (16/420529) 2019-05-23

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[13] A1
[51] **Int.Cl. A01B 33/08 (2006.01)**
[25] EN
[54] **CARBIDE INSERT**
[54] **PLAQUETTE DE CARBURE**
[72] TRAXLER, MARGARETHE, AT
[72] WEISSENBACHER, RONALD, AT
[71] BOEHLERIT GMBH & CO.KG., AT
[22] 2020-04-02
[41] 2020-11-23
[30] AT (A50476/2019) 2019-05-23

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[51] **Int.Cl. F01B 11/00 (2006.01) A61B 17/14 (2006.01) A61B 17/16 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE MOTOR AND METHOD FOR OPERATING A DIFFERENTIAL PRESSURE MOTOR**
[54] **MOTEUR A PRESSION DIFFERENTIELLE ET PROCEDE DE FONCTIONNEMENT D`UN MOTEUR A PRESSION DIFFERENTIELLE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2020-04-17
[41] 2020-11-22
[30] DE (10 2019 113 640.7) 2019-05-22

[21] **3,078,040**
[13] A1
[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/10 (2006.01) F01D 25/12 (2006.01) F02C 7/18 (2006.01) F28D 1/047 (2006.01)**
[25] EN
[54] **AIR COOLER FOR GAS TURBINE ENGINE**
[54] **REFROIDISSEUR D`AIR POUR TURBINE A GAZ**
[72] OLVER, BRYAN WILLIAM, CA
[72] ALECU, DANIEL, CA
[72] FISH, JASON, CA
[72] MARKOVIC, ZORAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-14
[41] 2020-11-24
[30] US (16/421,760) 2019-05-24

[21] **3,078,047**
[13] A1
[25] EN
[54] **POSITION ADJUSTABLE ARMREST ASSEMBLIES FOR PASSENGER SEATS**
[54] **ENSEMBLES ACCOUDOIR A POSITION REGLABLE POUR SIEGES PASSAGERS**
[72] DOWTY, MARK B., US
[72] PENCE, TRACY N., US
[72] CLINE, CHARLES B., US
[72] TWINKLE, V. JACOB, US
[71] B/E AEROSPACE, INC., US
[22] 2020-03-17
[41] 2020-11-24
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[21] **3,078,748**
[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **NEURAL NETWORK EXECUTION BLOCK AND TRANSFER LEARNING**
[54] **BLOC D`EXECUTION DE RESEAU NEURONAL ET APPRENTISSAGE PAR TRANSFERT**
[72] ORESHKIN, BORIS, CA
[72] CARPOV, DMITRI, CA
[71] ELEMENT AI INC., CA
[22] 2020-04-21
[41] 2020-11-22
[30] US (62/851,334) 2019-05-22
[30] US (62/968,638) 2020-01-31

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[51] **Int.Cl. G06N 3/04 (2006.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **NEURAL NETWORK EXECUTION BLOCK USING FULLY CONNECTED LAYERS**
[54] **BLOC D`EXECUTION DE RESEAU NEURONAL UTILISANT DES COUCHES ENTIEREMENT CONNECTEES**
[72] ORESHKIN, BORIS, CA
[72] CARPOV, DMITRI, CA
[71] ELEMENT AI INC., CA
[22] 2020-04-21
[41] 2020-11-22
[30] US (62/851,334) 2019-05-22

[21] **3,079,161**
[13] A1
[51] **Int.Cl. G01S 1/04 (2006.01) H01Q 7/08 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ELORAN RECEIVER AND ANTENNA WITH FERROMAGNETIC BODY AND WINDINGS AND RELATED METHODS**
[54] **RECEPTEUR ELORAN ET ANTENNE A CORPS FERROMAGNETIQUE ET ENROULEMENTS ET PROCEDES ASSOCIES**
[72] PARSCHE, FRANCIS E., US
[71] EAGLE TECHNOLOGY, LLC, US
[22] 2020-04-22
[41] 2020-11-22
[30] US (16/419568) 2019-05-22

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[13] A1
[51] **Int.Cl. B64C 13/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A SKEW LEVEL**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D`UN NIVEAU D`OBLIQUITE**
[72] CHAUMONT, CARL, CA
[71] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
[22] 2020-04-16
[41] 2020-11-28
[30] US (16/423,891) 2019-05-28

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[13] A1
[51] **Int.Cl. G09G 5/377 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPLAYING INFORMATION**
[54] **METHODE ET APPAREIL POUR AFFICHAGE DE L`INFORMATION**
[72] ANDJELIC, TIGRAN, CH
[72] SIMS, OLIVER, CH
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2020-04-29
[41] 2020-11-24
[30] EP (19176536.1) 2019-05-24

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/243 (2006.01)**
[25] EN
[54] **HEAVY OIL STEAM INJECTION METHOD USING DOWNHOLE SUPERCRITICAL WATER COMBUSTION**
[54] **PROCEDE D`INJECTION DE VAPEUR D`HUILE LOURDE UTILISANT UNE COMBUSTION EN EAU SUPERCRITIQUE DE FOND DE PUITS**
[72] GUAN, ZHIRUI, CN
[72] JIANG, QI, CN
[72] ZHENG, NANFANG, CN
[72] JIANG, GUANCHEN, CN
[71] SOUTHWEST PETROLEUM UNIVERSITY, CN
[22] 2020-05-04
[41] 2020-11-23
[30] CN (201910436446.1) 2019-05-23

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[13] A1
[51] **Int.Cl. E03C 1/05 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING CAPACITIVE SENSORS FOR HANDS FREE FLUID FLOW CONTROL**
[54] **ROBINET, COMPRENANT DES CAPTEURS CAPACITIFS POUR LE CONTROLE DE FLUX DU LIQUIDE MAINS LIBRES**
[72] SAWASKI, JOEL D., US
[71] DELTA FAUCET COMPANY, US
[22] 2020-05-08
[41] 2020-11-24
[30] US (16/422,925) 2019-05-24

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[13] A1
[51] **Int.Cl. A47G 19/12 (2006.01)**
[25] EN
[54] **MULTIPLE-COMPARTMENT PITCHER**
[54] **PICHET A PLUSIEURS COMPARTIMENTS**
[72] JOHNSON, ROBERT R.J., CA
[71] JOHNSON, ROBERT R.J., CA
[22] 2020-05-05
[41] 2020-11-24
[30] US (62/852,493) 2019-05-24

[21] **3,080,590**
[13] A1
[51] **Int.Cl. H04W 40/24 (2009.01) H04W 40/04 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTING A SUSTAINABLE RATE FOR BROADCAST TRAFFIC IN A NETWORK**
[54] **SYSTEMES ET PROCEDES DE CALCUL DU DEBIT VIABLE DE TRAFIC DE DIFFUSION DANS UN RESEAU**
[72] ATHURALIYA, SANJEEWA, AU
[71] HARRIS GLOBAL COMMUNICATIONS, INC., US
[22] 2020-05-11
[41] 2020-11-23
[30] US (16/420,340) 2019-05-23

[21] **3,080,598**
[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04B 7/06 (2006.01)**
[25] EN
[54] **METHOD OF LIMITING FREQUENCY OVERSHOOT IN A TIMING RECOVERY LOOP**
[54] **PROCEDE POUR LIMITER UNE SUROSCILLATION DE LA FREQUENCE DANS UNE BOUCLE DE DELAI DE RECUPERATION**
[72] CARLSON, BRIAN R., US
[72] MCINTYRE, JAMES, US
[71] HARRIS GLOBAL COMMUNICATIONS, INC., US
[22] 2020-05-11
[41] 2020-11-28
[30] US (16/423,997) 2019-05-28

[21] **3,080,655**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) B65G 1/137 (2006.01) B65G 47/68 (2006.01) B65G 47/70 (2006.01)**
[25] FR
[54] **PROCESS FOR HANDLING A COMMAND LIST IN A COMMAND PREPARATION SYSTEM, AND CORRESPONDING COMMAND PREPARATION SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'UNE LISTE DE COMMANDES DANS UN SYSTEME DE PREPARATION DE COMMANDES, ET SYSTEME DE PREPARATION DE COMMANDES CORRESPONDANT**
[72] PIETROWICZ, STEPHANE, FR
[71] SAVOYE, FR
[22] 2020-05-13
[41] 2020-11-23
[30] FR (1905411) 2019-05-23

[21] **3,080,776**
[13] A1
[51] **Int.Cl. A47K 1/00 (2006.01)**
[25] EN
[54] **SANITARY INSTALLATION**
[54] **INSTALLATION SANITAIRE**
[72] STAMMEL, THOMAS, DE
[72] KONSTANZER, THOMAS, DE
[72] WEBER, ULRICH, DE
[71] DURAVIT AKTIENGESELLSCHAFT, DE
[22] 2020-05-13
[41] 2020-11-28
[30] DE (10 2019 114 279.2) 2019-05-28

[21] **3,080,794**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) C01B 3/56 (2006.01)**
[25] EN
[54] **REDUCING FLUCTUATIONS IN TAIL GAS FLOW FROM AN ADSORPTION UNIT**
[54] **REDUCTION DES FLUCTUATIONS DANS L`ECOULEMENT DES GAZ DU POINT D`ANCRAGE A PARTIR D`UNE UNITE D`ABSORPTION**
[72] D'ADDIO, ELIZABETH M., US
[72] WOOD, CHRISTOPHER H., US
[72] SHAO, QUAN MIN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2020-05-19
[41] 2020-11-24
[30] US (16/421,543) 2019-05-24

[21] **3,080,795**
[13] A1
[51] **Int.Cl. F28F 7/02 (2006.01) F28D 21/00 (2006.01) H01L 23/46 (2006.01)**
[25] EN
[54] **WATER BLOCK ASSEMBLY**
[54] **ECHANGEUR A EAU**
[72] CHEHADE, ALI, FR
[72] BAUDUIN, HADRIEN, FR
[71] OVH, FR
[22] 2020-05-19
[41] 2020-11-23
[30] EP (19315038.0) 2019-05-23

[21] **3,080,995**
[13] A1
[51] **Int.Cl. E04G 5/08 (2006.01) E01D 19/12 (2006.01) E04C 2/30 (2006.01) E04G 1/15 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO VOID PLATFORMS**
[54] **AMELIORATIONS EN LIEN AVEC UNE PLATEFORME DE VIDE**
[72] JURY, KEVIN, NZ
[72] JESSUP, PAUL C., NZ
[72] WANG, BOJUN, NZ
[71] VOIDECK IPCO LIMITED, NZ
[22] 2020-05-20
[41] 2020-11-22
[30] AU (2019901745) 2019-05-22
[30] AU (2019903639) 2019-09-27

[21] **3,081,015**
[13] A1
[51] **Int.Cl. C08G 18/61 (2006.01) C08G 18/16 (2006.01) C08J 9/00 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **PRODUCTION OF PU FOAMS**
[54] **PRODUCTION DE MOUSSES DE POLYURETHANE**
[72] HERMANN, DANIELA, DE
[72] HUBEL, ROLAND, DE
[72] TERHEIDEN, ANNEGRET, DE
[72] FERENZ, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-20
[41] 2020-11-28
[30] EP (19176877.9) 2019-05-28

[21] **3,081,023**
[13] A1
[51] **Int.Cl. H01H 71/02 (2006.01) H01H 33/72 (2006.01)**
[25] EN
[54] **ARC MITIGATION DEVICES AND SYSTEMS**
[54] **APPAREILS ET SYSTEMES D`ATTENUATION DU TUBE A ARC**
[72] ZHOU, XIN, US
[72] KIRSTEIN, JOE W., US
[72] CROOKS, WILLIAM MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2020-05-20
[41] 2020-11-22
[30] US (16/419627) 2019-05-22

[21] **3,081,029**
[13] A1
[51] **Int.Cl. H01R 13/639 (2006.01) H01R 13/533 (2006.01)**
[25] EN
[54] **TOOL LOCKING MOUNTING SHELL FOR PROTECTING ELECTRICAL CONNECTIONS IN A HAZARDOUS ENVIRONMENT**
[54] **COQUILLE DE SOUTIEN DE VERROUILLAGE D`OUTIL POUR PROTEGER LES CONNEXIONS ELECTRIQUES DANS UN ENVIRONNEMENT DANGEREUX**
[72] GATES, JOSHUA PAUL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2020-05-20
[41] 2020-11-22
[30] US (62/851337) 2019-05-22
[30] US (16/872846) 2020-05-12

[21] **3,081,030**
[13] A1
[51] **Int.Cl. G01L 27/00 (2006.01)**
[25] EN
[54] **AUTOMATIC ZERO RESET FOR A PRESSURE TRANSDUCER**
[54] **COMPTAGE A ZERO AUTOMATIQUE POUR UN TRANSDUCTEUR DE PRESSION**
[72] MACKENZIE, COLIN JAMES, US
[72] PIGGIN, THOMAS JOHN, US
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
[22] 2020-05-20
[41] 2020-11-22
[30] US (62/851380) 2019-05-22
[30] US (16/850805) 2020-04-16

[21] **3,081,035**
[13] A1
[51] **Int.Cl. C09D 7/47 (2018.01) C09D 7/65 (2018.01) B01D 17/05 (2006.01) B01D 19/04 (2006.01) C08G 77/38 (2006.01) C08G 77/46 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING NON-CYCLIC ALKOXY-FUNCTIONAL POLYSILOXANES**
[54] **PROCEDE POUR PRODUIRE DES POLYSILOXANES AVEC FONCTION ALCOXY NON-CYCLIQUES**
[72] FAVRESSE, PHILIPPE, DE
[72] FIEDEL, MICHAEL, DE
[72] HESSE, UTE, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-21
[41] 2020-11-28
[30] EP (19 176 885.2) 2019-05-28

[21] **3,081,037**
[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01) C09D 7/65 (2018.01) B01D 19/04 (2006.01) C08G 77/38 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PRODUCTION OF SIOC-BONDED POLYETHER SILOXANES**
[54] **PRODUCTION DE POLYETHERSILOXANES LIES PAR DES GROUPES SIOC**
[72] FAVRESSE, PHILIPPE, DE
[72] FIEDEL, MICHAEL, DE
[72] HESSE, UTE, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-21
[41] 2020-11-28
[30] EP (19 176 883.7) 2019-05-28

[21] **3,081,060**
[13] A1
[51] **Int.Cl. B24D 18/00 (2006.01) B24D 5/16 (2006.01) B24D 7/16 (2006.01)**
[25] EN
[54] **DISC FOR GRINDER AND METHOD OF CONSTRUCTION**
[54] **DISQUE POUR MEULEUSE ET PROCEDE DE CONSTRUCTION**
[72] PAJOVIC, JOVAN, CA
[71] VIRTUAL MACHINES INC., CA
[22] 2020-05-20
[41] 2020-11-22
[30] US (62/851,236) 2019-05-22
[30] US (62/859,752) 2019-06-11

[21] **3,081,062**
[13] A1
[51] **Int.Cl. E01C 19/43 (2006.01) E01C 19/22 (2006.01)**
[25] EN
[54] **CONCRETE TEXTURING DEVICES AND METHODS**
[54] **APPAREILS ET PROCEDES DE MOTIF CONCRET**
[72] SCHLESSEL, MARTIN, US
[71] TRI MOR CORPORATION, US
[22] 2020-05-20
[41] 2020-11-24
[30] US (62/852,491) 2019-05-24

[21] **3,081,069**
[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **ENERGY STORAGE UNIT MOUNTING FACILITY AND ARRANGEMENT OF THE SAME AND MULTIPLE ENERGY STORAGE UNITS**
[54] **DISPOSITIF DE MONTAGE D`UNITE DE STOCKAGE D`ENERGIE ET SA DISPOSITION ET UNITES DE STOCKAGE D`ENERGIE MULTIPLES**
[72] LEHNER, SUSANNE, DE
[72] KERN, CARINA, DE
[72] PILAWA, MICHAEL, DE
[71] MAN ENERGY SOLUTIONS SE, DE
[22] 2020-05-21
[41] 2020-11-24
[30] DE (1020191139015) 2019-05-24

[21] **3,081,077**
[13] A1
[51] **Int.Cl. F04B 47/12 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **TAPER LOCK BYPASS PLUNGER**
[54] **PISTON DE DERIVATION TAPE-LOCK**
[72] THOMPSON, JASON, US
[72] ROBERTS, PAUL, US
[72] FREEMAN, SHANNON, US
[72] JELDEN, KOLTEN P., US
[71] PCS FERGUSON, INC., US
[22] 2020-05-21
[41] 2020-11-22
[30] US (16/419,457) 2019-05-22

[21] **3,081,078**
[13] A1
[51] **Int.Cl. A61K 36/8945 (2006.01) A61K 36/076 (2006.01) A61K 36/40 (2006.01) A61K 36/54 (2006.01) A61K 36/64 (2006.01) A61K 36/65 (2006.01) A61K 36/714 (2006.01) A61K 36/884 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **HERBAL FORMULA USED FOR PREPARING PHARMACEUTICAL COMPOSITION FOR PREVENTING AND TREATING METABOLIC SYNDROME**
[54] **FORMULE A BASE DE PLANTES UTILISEE POUR PREPARER DES COMPOSITIONS PHARMACEUTIQUES POUR PREVENIR ET TRAITER LE SYNDROME METABOLIQUE**
[72] CHAO LEE, YING-JIH, TW
[71] AGIA TECHNOLOGY CORP., TW
[22] 2020-05-21
[41] 2020-11-22
[30] TW (108117608) 2019-05-22
[30] TW (108134506) 2019-09-25

[21] **3,081,088**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **STEAM AND INFLOW CONTROL FOR SAGD WELLS**
[54] **CONTROLE DE LA VAPEUR ET D`AFFLUX POUR LES PUITS DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR**
[72] GOHARI, KOUSHA, US
[72] MORENO, OSCAR BECERRA, US
[72] KENDALL, ALEXANDER, US
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
[22] 2020-05-21
[41] 2020-11-23
[30] US (16/421157) 2019-05-23

[21] **3,081,121**
[13] A1
[51] **Int.Cl. A61F 11/06 (2006.01) A61F 11/14 (2006.01) G01H 17/00 (2006.01)**
[25] EN
[54] **HEARING PROTECTION DEVICES, NOISE EXPOSURE SENSORS THEREFOR, AND SENSOR HOUSINGS AND ASSOCIATED METHODS FOR THE SAME**
[54] **APPAREILS PROTECTEURS D`OREILLE, CAPTEURS D`EXPOSITION AU BRUIT ASSOCIES, ET BOITIERS DES CAPTEURS ET LEURS PROCEDES CONNEXES**
[72] KARA, PETER, US
[72] PERTOT, ERIK, US
[72] CHEN, MATTHEW, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-05-21
[41] 2020-11-24
[30] EP (19176573.4) 2019-05-24

[21] **3,081,123**
[13] A1
[51] **Int.Cl. A01D 41/12 (2006.01) A01B 71/02 (2006.01) A01D 41/06 (2006.01)**
[25] EN
[54] **HARVESTER WING LEVELING CONFIGURATION**
[54] **CONFIGURATION DE NIVELLEMENT DES AILES DE MOISSONNEUR**
[72] BRIMEYER, ALEX, US
[72] LOVETT, BENJAMIN M., US
[72] HODSON, MICHAEL J., US
[71] DEERE & COMPANY, US
[22] 2020-05-21
[41] 2020-11-28
[30] US (16/423,642) 2019-05-28

[21] **3,081,127**
[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01)**
[25] EN
[54] **TAILORED SIOC-BASED POLYETHERSILOXANES**
[54] **POLYETHERSILOXANES BASES SUR DES GROUPES SIOC PERSONNALISES**
[72] FAVRESSE, PHILIPPE, DE
[72] FIEDEL, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] BROTZMANN, ANDRE, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-21
[41] 2020-11-28
[30] EP (19176888.6) 2019-05-28

[21] **3,081,130**
[13] A1
[51] **Int.Cl. G01R 31/36 (2020.01)**
[25] EN
[54] **INTEGRATED ACTIVE DETUNING FOR MAGNETIC RESONANCE IMAGING**
[54] **DESACCORDAGE ACTIF INTEGRE POUR L`IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] CONNELL, IAN ROBERT OLIPHANT, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2020-05-22
[41] 2020-11-22
[30] US (16/419,098) 2019-05-22

[21] **3,081,149**
[13] A1
[51] **Int.Cl. A01G 9/20 (2006.01)**
[25] EN
[54] **HORTICULTURE GROW SYSTEM FOR HORTICULTURE**
[54] **SYSTEME DE CULTURE HORTICOLE POUR L`HORTICULTURE**
[72] DOW, DARRIN, US
[72] MOIR, DOUGLAS, US
[71] DOW, DARRIN, US
[71] MOIR, DOUGLAS, US
[22] 2020-05-21
[41] 2020-11-22
[30] US (62/851,109) 2019-05-22
[30] US (62/873,786) 2019-07-12

[21] **3,081,164**
[13] A1
[51] **Int.Cl. G06N 3/08 (2006.01) G06N 3/02 (2006.01) G06N 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MACHINE LEARNING ARCHITECTURE WITH VARIATIONAL HYPER-RNN**
[54] **SYSTEME ET METHODE POUR L`ARCHITECTURE D`APPRENTISSAGE AUTOMATIQUE AVEC UN RESEAU NEURONAL RECURRENT DES VARIATIONS**
[72] DENG, RUIZHI, CA
[72] CAO, YANSHUAI, CA
[72] CHANG, BO, CA
[72] BRUBAKER, MARCUS, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-05-22
[41] 2020-11-22
[30] US (62/851,407) 2019-05-22

[21] **3,081,168**
[13] A1
[51] **Int.Cl. G06N 20/00 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MACHINE LEARNING ARCHITECTURE FOR PARTIALLY-OBSERVED MULTIMODAL DATA**
[54] **SYSTEME ET METHODE POUR L`ARCHITECTURE D`APPRENTISSAGE AUTOMATIQUE POUR DES DONNEES MULTIMODALES PARTIELLEMENT OBSERVEES**
[72] GONG, YU, CA
[72] HE, JIAWEI, CA
[72] DURAND, THIBAUT, CA
[72] NAWHAL, MEGHA, CA
[72] CAO, YANSHUAI, CA
[72] MORI, GREGORY, CA
[72] HAJIMIRSADEGHI, SEYED HOSSEIN, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-05-22
[41] 2020-11-22
[30] US (62/851,444) 2019-05-22

[21] **3,081,172**
[13] A1
[51] **Int.Cl. G10K 11/16 (2006.01) A61F 11/14 (2006.01) H04R 1/10 (2006.01) H04R 29/00 (2006.01)**
[25] EN
[54] **HEARING PROTECTION DEVICES, SPEAKERS AND NOISE EXPOSURE SENSORS THEREFORE, AND SENSOR HOUSINGS AND ASSOCIATED METHODS FOR THE SAME**
[54] **APPAREILS PROTECTEURS D`OREILLE, HAUTS-PARLEURS ET CAPTEURS D`EXPOSITION AU BRUIT ASSOCIES, ET BOITIERS DES CAPTEURS ET LEURS PROCEDES CONNEXES**
[72] KARA, PETER, US
[72] PERTOT, ERIK, US
[72] HENRIKSEN, VIGGO, US
[72] BRHEL, TOMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-05-21
[41] 2020-11-24
[30] EP (19176574.2) 2019-05-24

[21] **3,081,179**
[13] A1
[51] **Int.Cl. H04M 3/523 (2006.01) G10L 17/22 (2013.01) G10L 17/26 (2013.01) G10L 25/63 (2013.01) G10L 15/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SOFT SKILLS-BASED CALL ROUTING IN CONTACT CENTERS**
[54] **PROCEDE ET SYSTEME POUR L`ACHEMINEMENT DES APPELS EN FONCTION DES COMPETENCES PERSONNELLES DANS LES CENTRES D`APPEL**
[72] SHARMA, NISHU, US
[72] NGUYEN, LONG, US
[71] MITEL NETWORKS CORPORATION, CA
[22] 2020-05-20
[41] 2020-11-22
[30] US (16/419498) 2019-05-22

[21] **3,081,186**
[13] A1
[51] **Int.Cl. H02G 1/16 (2006.01)**
[25] EN
[54] **ARMORED CABLE STRIPPING TOOL FOR CUTTING THE ARMOR IN TWO PLACES**
[54] **OUTIL DE DECAPAGE A CABLE ARME POUR COUPER L`ARMATURE A DEUX ENDROITS**
[72] GALDINO GONZALES, JAUN ALBERTO, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2020-05-22
[41] 2020-11-23
[30] US (62/852,047) 2019-05-23

[21] **3,081,192**
[13] A1
[51] **Int.Cl. F04D 29/58 (2006.01) F04B 53/08 (2006.01) F04D 13/08 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **PUMP DEVICE**
[54]
[72] MEHLHORN, STEVE, CH
[72] SCHNEIDER, LORENZ, CH
[72] WERTHMUELLER, MAX, CH
[71] FRIDECO AG, CH
[22] 2020-05-22
[41] 2020-11-24
[30] DE (1020191139481) 2019-05-24

[21] **3,081,194**
[13] A1
[51] **Int.Cl. A01N 63/30 (2020.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING WHEAT YIELD AND PREVENTING WHEAT DISEASES AND USE THEREOF**
[54] **PROCEDE POUR AMELIORER LE RENDEMENT DU BLE ET EVITER LES MALADIES TOUCHANT LE BLE ET SON UTILISATION**
[72] JIANG, DAOHONG, CN
[72] TIAN, BINNIAN, CN
[72] XIE, JIATAO, CN
[72] FU, YANPING, CN
[72] CHENG, JIASEN, CN
[72] CHEN, TAO, CN
[71] HUAZHONG AGRICULTURAL UNIVERSITY, CN
[22] 2020-05-22
[41] 2020-11-23
[30] CN (201910435218.2) 2019-05-23

[21] **3,081,208**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TURNOVER ASSEMBLY OF PICKUP TRUCK CARRIAGE COVER**
[54] **ENSEMBLE DE ROTATION DE COUVERCLE DE LA ZONE DE CHARGEMENT DE CAMIONNETTE**
[72] WENG, RONGJIE, CN
[72] WENG, FANGLIANG, CN
[71] NINGBO DIROAN AUTO ACCESSORIES CO., LTD, CN
[22] 2020-05-25
[41] 2020-11-28
[30] CN (201920786017.2) 2019-05-28

[21] **3,081,209**
[13] A1
[51] **Int.Cl. A61F 7/08 (2006.01)**
[25] EN
[54] **CORDLESS HEATING PAD**
[54] **COUSSIN CHAUFFANT SANS FIL**
[72] PLAZARTE, ENRIQUE, US
[72] POP, SERGIU MIHAIL, US
[71] SUNBEAM PRODUCTS, INC., US
[22] 2020-05-25
[41] 2020-11-28
[30] US (16/423,826) 2019-05-28

[21] **3,081,211**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] FR
[54] **PROCESS FOR MODELLING A SEDIMENTARY BASIN, TAKING INTO ACCOUNT AT LEAST ONE PREPONDERANT MIGRATION MECHANISM**
[54] **PROCEDE POUR MODELISER UN BASSIN SEDIMENTAIRE, AU MOYEN DE LA PRISE EN COMPTE D'AU MOINS UN MECANISME DE MIGRATION PREPONDERANT**
[72] TRABY, RENAUD, FR
[72] PEGAZ-FIORNET, SYLVIE, FR
[72] WOLF, SYLVIE, FR
[72] FAILLE, ISABELLE, FR
[72] WILLIEN, FRANCOISE, FR
[72] DUCROS. MATHIEU, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2020-05-25
[41] 2020-11-27
[30] FR (19 05 606) 2019-05-27

[21] **3,081,227**
[13] A1
[51] **Int.Cl. H01R 4/72 (2006.01) H05B 3/56 (2006.01)**
[25] EN
[54] **FLAME-RESISTANT HEAT SHRINK ASSEMBLIES FOR TRACE HEATING CABLES**
[54] **ENSEMBLES THERMORETRACTABLES IGNIFUGES POUR CABLES CHAUFFANTS DE TRACE**
[72] MOSHGGOO, SHADI, US
[72] JENKINS, SIRARPI BICAKCI, US
[72] DONG, WESLEY, US
[71] NVENT SERVICES GMBH, CH
[22] 2020-05-22
[41] 2020-11-22
[30] US (62/851,275) 2019-05-22

[21] **3,081,242**
[13] A1
[51] **Int.Cl. G06F 40/56 (2020.01) G06F 40/211 (2020.01) G06F 40/30 (2020.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLABLE MACHINE TEXT GENERATION ARCHITECTURE**
[54] **SYSTEME ET METHODE POUR L`ARCHITECTURE DE GENERATION DE TEXTES CONTROLABLES PAR MACHINE**
[72] XU, PENG, CA
[72] CAO, YANSHUAI, CA
[72] CHEUNG, JACKIE C. K., CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-05-22
[41] 2020-11-22
[30] US (62/851,388) 2019-05-22

[21] **3,081,274**
[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01) C07F 7/02 (2006.01) C08G 77/38 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SIOC-BONDED POLYETHER SILOXANES BRANCHED IN THE SILOXANE PORTION**
[54] **PROCEDE POUR PRODUIRE DES POLYETHERSILOXANES LIES PAR DES GROUPES SIOC RAMIFIES DANS LA PARTIE DES SILOXANES**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-25
[41] 2020-11-28
[30] EP (19176875.3) 2019-05-28

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[13] A1
[51] **Int.Cl. A47B 96/00 (2006.01) A47B 97/00 (2006.01) H01H 13/702 (2006.01)**
[25] EN
[54] **FURNITURE COMPONENT COMPRISING AN EMBEDDED FLEXIBLE TOUCH SENSOR**
[54] **ELEMENTS DE MOBILIER COMPRENANT UN CAPTEUR TACTILE SOUPLE INTEGRE**
[72] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[71] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[22] 2020-05-25
[41] 2020-11-26
[30] GB (1907448.3) 2019-05-26

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[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01) A47B 9/00 (2006.01) A47B 13/00 (2006.01)**
[25] EN
[54] **REMOVABLE SMART DESK CONTROLLER APPARATUS**
[54] **APPAREIL DE COMMANDE DE BUREAU INTELLIGENT DEMONTABLE**
[72] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[71] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[22] 2020-05-25
[41] 2020-11-26
[30] GB (1907449.1) 2019-05-26

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[13] A1
[51] **Int.Cl. E05B 1/00 (2006.01) E05B 3/00 (2006.01)**
[25] EN
[54] **DAMPENER FOR AN EXIT DEVICE**
[54] **AMORTISSEUR POUR UN APPAREIL DE SORTIE**
[72] BAKER, VINCENT, US
[72] CONNELL, MICHAEL, US
[72] SWEARMAN, MICHAEL, US
[72] THOMPSON, DOUGLAS, US
[71] ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC., US
[22] 2020-05-22
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[30] US (62/852339) 2019-05-24

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[13] A1
[51] **Int.Cl. A47B 21/013 (2006.01) A47B 9/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD TO LEARN AND RECALL PREFERRED AVERAGE DESKTOP HEIGHTS FROM AN IDENTIFIED USER**
[54] **SYSTEME ET PROCEDE POUR APPRENDRE ET RAPPELER UNE HAUTEUR DE BUREAU MOYENNE PRIVILEGIEE PAR UN UTILISATEUR IDENTIFIE**
[72] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[72] PEREZ MARTELL, SERGIO, CA
[72] DJUKASTEIN, ERIC, CA
[71] DE LA FUENTE SANCHEZ, ALFONSO F., CA
[22] 2020-05-25
[41] 2020-11-26
[30] GB (1907450.9) 2019-05-26

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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 16/26 (2009.01) H04B 1/3877 (2015.01) H04B 17/318 (2015.01) H02J 7/00 (2006.01) H04B 1/40 (2015.01) H04B 7/155 (2006.01)**
[25] EN
[54] **REPEATER WITH LOW POWER MODE FOR MOBILE OPERATIONS**
[54] **REPETEUR AVEC MODE DE FAIBLE PUISSANCE POUR LES OPERATIONS MOBILES**
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] BRADSHAW, NOLAN J., US
[72] ANDERSON. DALE ROBERT, US
[71] WILSON ELECTRONICS, LLC., US
[22] 2020-05-24
[41] 2020-11-24
[30] US (62/852,888) 2019-05-24
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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/12 (2006.01) E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **HYDROCARBON STORAGE IN SITU**
[54] **STOCKAGE D`HYDROCARBURES PRODUITS IN SITU**
[72] FILSTEIN, ALEXANDER ELI, CA
[72] GITTINS, SIMON DAVID, CA
[71] CENOVUS ENERGY INC., CA
[22] 2020-05-21
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[30] CA (3,043,954) 2019-05-22

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[13] A1
[51] **Int.Cl. B62B 5/06 (2006.01) A62B 35/00 (2006.01) B62D 51/04 (2006.01)**
[25] EN
[54] **WHEELED PULK AND ASSOCIATED SYSTEMS**
[54] **PULKA SUR ROUE ET SYSTEMES CONNEXES**
[72] DOPF, ANTHONY ROBERT, CA
[72] POW, MURRAY JOHN, CA
[72] MCCONNELL, BRENT LAWRENCE, CA
[71] TRIBAL OUTDOOR GEAR LTD., CA
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[51] **Int.Cl. C08G 77/46 (2006.01) C09D 7/47 (2018.01) C09D 7/65 (2018.01) C08G 77/38 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING POLYOXYALKYLENE POLYSILOXANE BLOCK POLYMERS**
[54] **PROCEDE POUR PRODUIRE DES POLYMERES DU BLOC POLYSILOXANE-POLYOXYALKYLENE**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[72] FAVRESSE, PHILIPPE, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-27
[41] 2020-11-28
[30] EP (19176879.5) 2019-05-28

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[13] A1
[51] **Int.Cl. E05F 11/02 (2006.01)**
[25] EN
[54] **SLIDE OPERATOR ASSEMBLIES AND COMPONENTS FOR FENESTRATION UNITS**
[54] **ENSEMBLE ET COMPOSANTES D`ACTIONNEUR COULISSANT POUR MODULES DE FENETRAGE**
[72] BERNHAGEN, TODD A., US
[72] HANSEN, TED L., US
[72] SCHROEDER, PAUL D., US
[71] PELLA CORPORATION, US
[22] 2020-05-22
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[30] US (62/852,455) 2019-05-24

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[51] **Int.Cl. C08G 77/46 (2006.01) C09D 7/47 (2018.01) C09D 7/65 (2018.01) B01D 17/05 (2006.01) B01D 19/04 (2006.01) C08G 77/38 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **SIOC-BASED POLYETHERSILOXANES**
[54] **POLYETHERSILOXANES BASES SUR DES GROUPES SIOC**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] WINDBIEL, DAGMAR, DE
[72] FAVRESSE, PHILIPPE, DE
[72] FIEDEL, MICHAEL, DE
[72] BROTZMANN, ANDRE, DE
[72] HENNING, FRAUKE, DE
[72] CASSENS, JAN, DE
[72] FERENZ, MICHAEL, DE
[71] EVONIK OPERATIONS GMBH, DE
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[51] **Int.Cl. C08G 77/38 (2006.01) C07F 7/02 (2006.01) C08G 77/46 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ACETOXY-BEARING SILOXANES**
[54] **PROCEDE DE PRODUCTION DE SILOXANES D`ACETOXY**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[72] CASSENS, JAN, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-27
[41] 2020-11-28
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[51] **Int.Cl. C10M 149/12 (2006.01) C08G 73/04 (2006.01)**
[25] EN
[54] **LUBRICATING OIL ADDITIVES**
[54] **ADDITIFS POUR HUILE DE LUBRIFICATION**
[72] STRONG, ANTHONY JAMES, GB
[72] CATTOZ, BEATRICE NICOLE, GB
[72] SCHWARZ, ANDREW DOUGLAS, GB
[72] BECER, REMZI, GB
[72] DRAIN, BEN, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[51] **Int.Cl. F24C 7/08 (2006.01) H04W 4/30 (2018.01) F16P 3/00 (2006.01) F24C 3/12 (2006.01) G05G 1/10 (2006.01) G08B 17/12 (2006.01)**
[25] EN
[54] **SAFETY APPARATUS INCLUDING SENSOR AND REMOTE CONTROLLED STOVE KNOB**
[54] **APPAREIL DE SECURITE Y COMPRIS DES BOUTONS DE CUISINIERE CONTROLES PAR DES CAPTEURS ET A DISTANCE**
[72] WILLIAMS, NADIA J., CA
[72] WILLIAMS, NADIA D.M., CA
[71] WILLIAMS, NADIA J., CA
[71] WILLIAMS, NADIA D.M., CA
[22] 2020-05-27
[41] 2020-11-28
[30] US (62/853,321) 2019-05-28

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[51] **Int.Cl. C08G 77/46 (2006.01) C09D 7/65 (2018.01) B01D 17/05 (2006.01) B01D 19/04 (2006.01) C08G 77/38 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SIOC-BONDED POLYETHER SILOXANES BRANCHED IN THE SILOXANE PORTION**
[54] **PROCEDE POUR PRODUIRE DES POLYETHERSILOXANES LIES PAR DES GROUPES SIOC RAMIFIES DANS LA PARTIE DES SILOXANES**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-26
[41] 2020-11-28
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[51] **Int.Cl. C10M 149/12 (2006.01) C08G 73/04 (2006.01)**
[25] EN
[54] **LUBRICATING OIL ADDITIVES**
[54] **ADDITIFS POUR HUILE DE LUBRIFICATION**
[72] STRONG, ANTHONY JAMES, GB
[72] CATTOZ, BEATRICE NICOLE, GB
[72] SCHWARZ, ANDREW DOUGLAS, GB
[72] BECER, REMZI, GB
[72] DRAIN, BEN, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[41] 2020-11-24
[30] EP (19176499.2) 2019-05-24

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[13] A1
[51] **Int.Cl. C08G 77/38 (2006.01) C07F 7/02 (2006.01) C08G 77/46 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ACETOXY-BEARING SILOXANES**
[54] **PROCEDE DE PRODUCTION DE SILOXANES D`ACETOXY**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[72] CASSENS, JAN, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-26
[41] 2020-11-28
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[13] A1
[51] **Int.Cl. G01N 1/08 (2006.01)**
[25] EN
[54] **TOOL FOR EXTRACTING SOIL PLUGS FOR ANALYTICAL TESTING**
[54] **OUTIL D`EXTRACTION DE MOTTES DE TERRE POUR ESSAI ANALYTIQUE**
[72] TERZIC, HRVOJE, CA
[72] MORTON, CHRIS, CA
[72] RUTTAN, GINA, CA
[71] 1936100 ONTARIO INC. DBA SYSTEMS PLUS, CA
[22] 2020-05-27
[41] 2020-11-28
[30] US (62/853406) 2019-05-28
[30] CA (3048331) 2019-07-02

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[51] **Int.Cl. A44C 9/00 (2006.01) A44C 27/00 (2006.01)**
[25] EN
[54] **ANATOMICALLY CORRECT JEWELRY RING ASSEMBLY**
[54] **ENSEMBLE DE BAGUE D`UNE REALITE ANATOMIQUE TRES PRESENTE**
[72] SOUKENIK, JOSEH J., IV, US
[72] SOUKENIK, JACK HARRISON, US
[71] JOSEPH AND JACK SOUKENIK PARTNERSHIP, US
[22] 2020-05-22
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[51] **Int.Cl. C08G 77/38 (2006.01) C09D 7/47 (2018.01) C09D 7/65 (2018.01) B01D 17/05 (2006.01) B01D 19/04 (2006.01) C08G 77/46 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **ACETOXY SYSTEMS**
[54] **SYSTEMES D`ACETOXY**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] FAVRESSE, PHILIPPE, DE
[71] EVONIK OPERATIONS GMBH, DE
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[51] **Int.Cl. C07F 7/04 (2006.01) C09D 7/47 (2018.01) C09D 7/65 (2018.01) B01D 3/00 (2006.01) C07B 63/04 (2006.01) C08G 77/38 (2006.01) C08G 77/46 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR PURIFYING ACETOXYSILOXANES**
[54] **PROCEDE POUR PURIFIER DES ACETOXYSILOXANES**
[72] KNOTT, WILFRIED, DE
[72] WINDBIEL, DAGMAR, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[72] CASSENS, JAN, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-26
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[30] EP (19 176 868.8) 2019-05-28

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[13] A1
[51] **Int.Cl. C08J 11/18 (2006.01) B01D 21/00 (2006.01) B09B 3/00 (2006.01) B29B 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR RECYCLING SILICONES**
[54] **PROCEDE POUR RECYCLER LES SILICONES**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] SCHAEFER, DIETMAR, DE
[71] EVONIK OPERATIONS GMBH, DE
[22] 2020-05-26
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[30] EP (19 176 869.6) 2019-05-28

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[51] **Int.Cl. G16H 20/60 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SELF-LEARNING METHOD OF HYDRATING A HUMAN**
[54] **METHODE D`AUTO-APPRENTISSAGE AUX FINS D`HYDRATATION D`UN HUMAIN**
[72] BISSEN, MONIQUE, DE
[72] SCHUCKER, JOSEF, DE
[72] GROSS, ROLAND, DE
[71] RIPRUP COMPANY S.A., GB
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[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/326 (2006.01) E06B 9/36 (2006.01)**
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[54] **CURTAIN PULL**
[54] **TRACTION DE RIDEAU**
[72] CLARKE, GEORGE, US
[71] UMF CORPORATION, US
[22] 2020-05-25
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[30] US (16/422,607) 2019-05-24

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[13] A1
[51] **Int.Cl. G06F 21/14 (2013.01) G06F 21/72 (2013.01) H04L 9/28 (2006.01)**
[25] EN
[54] **METHODS FOR IMPLEMENTING AND OBFUSCATING A CRYPTOGRAPHIC ALGORITHM HAVING A GIVEN SECRET KEY**
[54] **PROCEDES POUR METTRE EN OEUVRE ET OBSCURCIR UN ALGORITHME CRYPTOGRAPHIQUE DOTE D`UNE CLE SECRETE DONNEE**
[72] CHABANNE, HERV, FR
[72] BATTISTELLO, ALBERTO, FR
[71] IDEMIA IDENTITY & SECURITY FRANCE, FR
[22] 2020-05-25
[41] 2020-11-27
[30] FR (1905592) 2019-05-27

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G05B 17/02 (2006.01) H02J 3/18 (2006.01)**
[25] EN
[54] **COORDINATED VOLTAGE CONTROL AND REACTIVE POWER REGULATION BETWEEN TRANSMISSION AND DISTRIBUTION SYSTEMS**
[54] **COMMANDE DE LA TENSION ET REGULATION DE LA PUISSANCE REACTIVE COORDONNEES ENTRE LES SYSTEMES DE TRANSMISSION ET DE DISTRIBUTION**
[72] SAMAAN, NADER A., US
[72] KE, XINDA, US
[72] HOLZER, JESSE T., US
[72] HUANG, RENKE, US
[72] VYAKARANAM, BHARAT, US
[72] VALLEM, MALLIKARJUNA, US
[72] ELIZONDO, MARCELO A., US
[72] MAKAROV, YURI, US
[72] LU, NING, US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[30] US (62/853,041) 2019-05-26
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[13] A1
[51] **Int.Cl. E04C 5/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR REPAIRING A TENSION MEMBER**
[54] **APPAREIL POUR REPARER UNE BARRE TENDUE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2020-05-27
[41] 2020-11-28
[30] US (62/853602) 2019-05-28
[30] US (62/864885) 2019-06-21
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[30] US (16/876005) 2020-05-16
[30] US (16/876011) 2020-05-16

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[25] EN
[54] **INTERMEDIATE ANCHOR FOR A POST-TENSIONING TENDON**
[54] **ANCRE INTERMEDIAIRE POUR UN TENDON APRES LA MISE EN TENSION**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2020-05-27
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[51] **Int.Cl. B64F 5/10 (2017.01) G06F 30/15 (2020.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN AIRCRAFT**
[54] **PROCEDE DE FABRICATION D`UN AERONEF**
[72] WATKINS, JESSICA LYNN, US
[71] THE BOEING COMPANY, US
[22] 2020-05-26
[41] 2020-11-28
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[13] A1
[51] **Int.Cl. E04C 5/12 (2006.01) E04C 5/01 (2006.01) E04C 5/10 (2006.01) E04C 5/16 (2006.01) E04G 21/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR REPAIRING A TENSION MEMBER**
[54] **APPAREIL POUR REPARER UNE BARRE TENDUE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2020-05-27
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[30] US (62/853602) 2019-05-28
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[30] US (16/876000) 2020-05-16
[30] US (16/876005) 2020-05-16
[30] US (16/876011) 2020-05-16

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[13] A1
[51] **Int.Cl. G01N 1/10 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **LIQUID SAMPLING DEVICE AND ASSOCIATED METHODS**
[54] **APPAREIL D`ECHANTILLONNAGE LIQUIDE ET PROCEDES CONNEXES**
[72] MCADAM, JOHN H., CA
[72] NEWALL, JOHN, CA
[72] SOMERVILLE, WILLIAM RONALD, CA
[72] POIRIER, ALAIN, CA
[72] GAUVIN, CHRISTIAN, CA
[72] LANGLOIS, JEAN-SEBASTIEN, CA
[71] WATERRA PUMPS LIMITED, CA
[22] 2020-05-26
[41] 2020-11-28
[30] US (62/853,578) 2019-05-28

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[13] A1
[51] **Int.Cl. E21F 13/00 (2006.01) E21F 11/00 (2006.01)**
[25] EN
[54] **INERTIAL ANALYZER FOR VERTICAL MINING CONVEYANCES AND METHOD THEREOF**
[54] **ANALYSEUR INERTIEL POUR MOYENS DE TRANSPORT UTILISE DANS LES MINES ET PROCEDE CONNEXE**
[72] GERMAIN, YAN, CA
[72] COTE, DANIEL, CA
[72] GERMAIN, LOUIS, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[22] 2020-05-28
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[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01) A61C 7/36 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **VIBRATION DEVICE FOR DENTAL USE AND ORTHODONTIC CORRECTION METHOD**
[54] **APPAREIL DE VIBRATION POUR UTILISATION DENTAIRE ET CORRECTION ORTHODONTIQUE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
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[51] **Int.Cl. G06F 40/174 (2020.01)**
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[54] **SYSTEMS AND METHODS OF ELECTRONIC FORM MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DES FORMULAIRES ELECTRONIQUES**
[72] CASS, PHILLIP RANDALL, CA
[72] BRIAND, DAVID PATRICK, CA
[72] POST, TYLER JOHN FRANKLIN, CA
[72] NEABLE, CRAIG, CA
[71] NEST WEALTH ASSET MANAGEMENT INC., CA
[22] 2020-05-26
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[30] US (62/853,110) 2019-05-27

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[54] **BULK MATERIAL DRYING APPARATUSES AND METHODS**
[54] **APPAREILS ET PROCEDES DE SECHAGE DE PRODUITS EN VRAC**
[72] JEAN, NERI, CA
[72] NOEL, PHILIPPE, CA
[72] CORMIER, CONRAD DAVID, CA
[71] 670988 NB INC., CA
[22] 2020-05-27
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[54] **FLASHING FOR A BUILDING**
[54] **BANDE D`ETANCHEITE POUR BATIMENT**
[72] COSCARELLA, GABE, CA
[71] COSCARELLA, GABE, CA
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[54] **INSULATING ASSEMBLY**
[54] **ENSEMBLE ISOLANT**
[72] BYRD, REGINALD ALAN, US
[72] SHUMAN, STEVEN DOUGLAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-05-25
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[25] EN
[54] **ELECTRONIC COLLABORATION AND COMMUNICATION METHOD AND SYSTEM TO FACILITATE COMMUNICATION WITH HEARING OR SPEECH IMPAIRED PARTICIPANTS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ET DE COLLABORATION ELECTRONIQUES POUR FACILITER LA COMMUNICATION AVEC LES PARTICIPANTS MALENTENDANTS OU AFFECTES D`UN TROUBLE DE LA PAROLE**
[72] VUPPALADHADIAM, HARIKRISHNA, US
[71] MITEL NETWORKS, INC., US
[22] 2020-05-27
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[25] EN
[54] **MODULAR ELECTRICAL SYSTEM**
[54] **SYSTEME ELECTRIQUE MODULAIRE**
[72] BYRNE, NORMAN R., US
[72] WARWICK, TIMOTHY J., US
[72] VANDER TILL, GERALD N., US
[71] BYRNE, NORMAN R., US
[22] 2020-05-27
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[54] **INLINE DEMAGNETIZATION FOR OPERATIONAL PIPELINES**
[54] **DEMAGNETISATION EN LIGNE POUR PIPELINES FONCTIONNELS**
[72] SUTHERLAND, JEFFREY EARLE, CA
[71] BAKER HUGHES OILFIELD OPERATIONS LLC, US
[22] 2020-05-25
[41] 2020-11-28
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[25] EN
[54] **BELOW GRADE, BLIND SIDE, DUAL WATERPROOFING MEMBRANE ASSEMBLY INCORPORATING A BENTONITE SHEET WATERPROOFING MEMBRANE, AND A SHEET MEMBRANE WITH ADHESIVE TO FULLY BOND TO CONCRETE/SHOTCRETE, AND A METHOD OF MAKING, AND USING SAME**
[54] **ENSEMBLE DE MEMBRANE D`ETANCHEITE DOUBLE SANS VISIBILITE, SOUS LE NIVEAU DU SOL INTEGRANT UNE MEMBRANE D`ETANCHEITE D`UNE FEUILLE BENTONITE, ET UNE MEMBRANE DE FEUILLE AVEC ADHESIF POUR SE LIER COMPLETEMENT AU BETON OU BETON PROJETE, ET PROCEDE DE FABRICATION, ET UTILISATION DUDIT ENSEMBLE**
[72] RUDYAN, AMIR, US
[72] MILLER, PAUL THOMAS, US
[72] STARE, BRADFORD LEON, US
[71] RUDYAN, AMIR, US
[22] 2020-05-20
[41] 2020-11-23
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[54] **A HAND PIPE SLEEVE, A HAND PIPE, AND COMBINATION THEREOF**
[54] **MANCHON DE TUYAUX A MAIN, TUYAU A MAIN ET COMBINAISON DE CEUX-CI**
[72] LENOIR, ESTHER JOY, US
[72] PHO, VINH DO, US
[72] FOLEY, CAMDEN LEE, US
[72] BERTAIN, SAMUEL TIMOTHY DAVIS, US
[71] SESSION CORP., US
[22] 2020-08-21
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[25] EN
[54] **IMPROVED FOOTWEAR**
[54] **CHAUSSURES AMELIOREES**
[72] DERVISHIAN, GERARD, CA
[71] 9772782 CANADA INC., CA
[22] 2020-08-25
[41] 2020-11-25

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[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **HOCKEY FACEOFF TRAINING DEVICE WITH DUAL PURPOSE SUPPORT POSTS, RETRACTABLE GRIP SPIKES, INLINE SPRING JOINT AND GRIPPING CAVITIES**
[54] **APPAREIL D`ENTRAINEMENT A LA MISE AU JEU DE HOCKEY AVEC POTEAUX DE SOUTIEN A DOUBLE FONCTION, PICS D`ADHERENCE RETRACTABLES, JOINT DE RESSORT EN CONDUIT ET CAVITES DE PREHENSION**
[72] BEAR, CONRAD, CA
[71] BEAR, CONRAD, CA
[22] 2020-09-21
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[25] EN
[54] **ADVANCED COUPLING SYSTEM**
[54] **SYSTEME DE RACCORD EVOLUE**
[72] BEAUMONT, DARCY L., CA
[71] BEAUMONT, DARCY L., CA
[22] 2020-05-23
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[54] **METHOD FOR CONTROLLING WINDOW AIR CONDITIONER**
[54] **METHODE DE CONTROLE D'UN CONDITIONNEUR D'AIR DE FENETRE**
[72] SHEN, WENJUN, CN
[72] XING, ZHIGANG, CN
[72] YU, HUI, CN
[72] TANG, YUHANG, CN
[72] ZHANG, KANGWEN, CN
[72] LEI, ZHISHENG, CN
[72] LIU, YU, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2019-09-30
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[54] **RISK ASSESSMENT FOR UNMANNED AERIAL VEHICLES**
[54] **EVALUATION DES RISQUES PRESENTES PAR LES VEHICULES AERIENS SANS INTERVENTION HUMAINE**
[72] SACHS, PETER, US
[72] GOLDING, RICHARD, US
[72] BALAKRISHNAN, KARTHIK, US
[72] POLASTRE, JOSEPH, US
[72] RODRIGUEZ, RYAN, US
[71] A3 BY AIRBUS, LLC, US
[85] 2019-10-24
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[25] EN
[54] **ILLUMINATION SYSTEM AND ILLUMINATION METHOD**
[54] **SYSTEME ET METHODE D'ILLUMINATION**
[72] ISAYAMA, KIYOSHI, JP
[71] ISA CO., LTD., JP
[85] 2019-10-31
[86] 2019-08-01 (PCT/JP2019/030366)
[87] (3060781)
[30] JP (2019-099416) 2019-05-28

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[25] EN
[54] **HIGHLY EFFICIENT COMPACT HEAD-MOUNTED DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE MONTE SUR TETE COMPACT ET DE GRANDE EFFICACITE**
[72] AMITAI, YAAKOV, IL
[72] AMITAI, MENACHEM, IL
[71] OORYM OPTICS LTD., IL
[85] 2020-03-31
[86] 2018-10-15 (PCT/IL2018/051105)
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[54] **APPLE CIDER VINEGAR NUTRITIONAL SUPPLEMENT**
[54]
[72] TYRE, ROGER, US
[72] HOFFMAN, SHARON, US
[71] GOLI NUTRITION INC., CA
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[86] 2019-11-13 (PCT/US2019/061232)
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[54] **SINGLE-DOSE CAPSULE FOR MACHINES DELIVERING INFUSED BEVERAGES**
[54] **CAPSULE A DOSE UNIQUE DESTINEE A DES MACHINES DISTRIBUANT DES BOISSONS INFUSEES**
[72] STEFANONI, ROBERTO, IT
[71] IMPER S.P.A., IT
[85] 2020-06-09
[86] 2019-01-23 (PCT/IB2019/050551)
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[25] EN
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETERMINING POSITION AND/OR ORIENTATION PARAMETERS OF AN ANATOMICAL STRUCTURE**
[54] **PROCEDE, SYSTEME ET PROGRAMME INFORMATIQUE POUR DETERMINER LA POSITION ET/OU L'ORIENTATION DES PARAMETRES D'UNE STRUCTURE ANATOMIQUE**
[72] LACHNER, RAINER, DE
[72] STEDELE, KATRIN, DE
[71] BRAINLAB AG, DE
[85] 2020-07-30
[86] 2019-05-23 (PCT/EP2019/063398)
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[51] **Int.Cl. G07C 9/38 (2020.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ACCESS TO A SECURED BUILDING**
[54] **PROCEDE ET SYSTEME POUR ACCEDER A UN BATIMENT SECURISE**
[72] HADDAD, HANNA, CA
[71] 1VALET CORP., CA
[85] 2020-07-31
[86] 2020-05-22 (PCT/CA2020/050694)
[87] (WO2020/237353)
[30] US (62/852,605) 2019-05-24
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[54] **MASKED WATERMARKS AND RELATED SYSTEMS AND TECHNIQUES**
[54] **FILIGRANES MASQUES ET SYSTEMES ET TECHNIQUES CONNEXES**
[72] ZHOU, FUPING, CN
[72] LIU, YEPING, CN
[71] CITRIX SYSTEMS, INC., US
[85] 2020-08-19
[86] 2019-08-20 (PCT/CN2019/101539)
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[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **WINDOW SHADE AND SPRING DRIVE SYSTEM THEREOF**
[54] **STORE DE FENETRE ET SON SYSTEME D`ENTRAINEMENT DE RESSORT**
[72] HUANG, CHIEN-FONG, US
[72] HUANG, CHIN-TIEN, TW
[71] TEH YOR CO., LTD., CN
[85] 2020-09-02
[86] 2019-11-13 (PCT/US2019/061296)
[87] (WO2020/236212)
[30] US (62/851,992) 2019-05-23

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[54] **MELTING FURNACE**
[54] **FOUR DE FUSION**
[72] KAJITANI, TSUYOSHI, JP
[71] KAJITANI, TSUYOSHI, JP
[71] NIPPON CRUCIBLE CO., LTD., JP
[85] 2020-09-29
[86] 2020-05-20 (PCT/JP2020/019860)
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[25] EN
[54] **SYNBIOTIC COMPOSITIONS**
[54] **COMPOSITIONS SYMBIOTIQUES**
[72] OCHROMBEL, INES, DE
[72] SPECKMANN, BODO, DE
[72] PELZER, STEFAN, DE
[72] SCHWARM, MICHAEL, DE
[72] PFEFFERLE, WALTER, DE
[71] EVONIK OPERATIONS GMBH, DE
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[86] 2019-04-18 (PCT/EP2019/060158)
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[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT SEATING IN AMUSEMENT PARK VENUES**
[54] **SYSTEMES ET PROCEDES POUR UNE DISTRIBUTION DE SIEGE EFFICACE DANS DES LIEUX DE PARC D'ATTRACTIONS**
[72] LINGUANTI, NICHOLAS, US
[72] LOUDEN, JAKE, US
[72] CAREY, BRIAN, US
[72] HARNED, JESSICA, US
[72] BIAR, ANDREW JACKSON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-10-21
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[54] **SCREEN PRODUCTION METHOD**
[54] **PROCEDE DE FABRICATION DE TAMIS**
[72] BRETTSCHNEIDER, WERNER, DE
[72] KAUER, INGO, DE
[72] SCHADLER, MELANIE, DE
[72] BURGER, RALF, DE
[71] VOITH PATENT GMBH, DE
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[25] EN
[54] **A SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF**
[72] DE WAAL, THEO, IE
[72] EBRAHIMI, ROOHOLLAH, IE
[72] KRIVORUCHKO, MICHAEL, IE
[72] LOBASKIN, VLADIMIR, IE
[72] MCOWAN, TRISH, IE
[72] O'CONNOR, WILLIAM, IE
[72] SCHOLZ, DIMITRI, IE
[71] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE
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[51] **Int.Cl. B65G 63/04 (2006.01) B65G 67/22 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANIPULATING THE LOAD IN BULK RAIL TRAINS AND METHOD FOR OPERATING SUCH A SYSTEM**
[54] **SYSTEME DE MANIPULATION DE LA CHARGE DANS DES TRAINS DE TRANSPORT EN VRAC FERROVIAIRE ET PROCEDE DE FONCTIONNEMENT D'UN TEL SYSTEME**
[72] WINKEL, REIK, DE
[72] ROTHSCHUH, CARLO, DE
[71] INDURAD GMBH, DE
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[54] **UNIT FOR A COFFEE DEVICE**
[54] **UNITE POUR UN DISPOSITIF A CAFE**
[72] DEUBER, LOUIS, CH
[71] CREATRIX AG, CH
[85] 2020-11-03
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[25] EN
[54] **DISTRIBUTION SERVER FOR PATIENT DEVICES**
[54] **SERVEUR DE DISTRIBUTION POUR DISPOSITIFS DE PATIENT**
[72] AUDRAIN, JEAN-BAPTISTE, FR
[72] BITH, LOIC, FR
[72] WROBLEWSKI, MACIEJ, US
[71] FRESENIUS VIAL SAS, FR
[85] 2020-11-03
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[25] EN
[54] **DISC BRAKE LINING, ASSEMBLED DEPENDING ON THE DIRECTION OF ROTATION, FOR A FIXED CALIPER DISC BRAKE**
[54] **GARNITURE DE FREIN A DISQUE CONFECTIONNEE EN FONCTION DU SENS DE ROTATION ET DESTINEE A UN FREIN A DISQUE A ETRIER FIXE**
[72] DREHER, HERBERT, DE
[72] GOLZ, DIETRICH, DE
[72] ZIMNOCH, FREDERIC, DE
[71] CONTINENTAL TEVES AG & CO. OHG, DE
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[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] MULDER, IMKE ELISABETH, GB
[72] AHMED, SUAAD, GB
[72] ETTORRE, ANNA, GB
[72] REID, SARAH ANNE, GB
[72] DINAN, TED, IE
[72] CRYAN, JOHN, IE
[71] 4D PHARMA RESEARCH LIMITED, GB
[85] 2020-11-03
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[30] EP (18171893.3) 2018-05-11
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[25] EN
[54] **EMULSIFIED FOOD COMPOSITION**
[54] **COMPOSITION ALIMENTAIRE EMULSIFIEE**
[72] NIEMAN, GERRIT, NL
[72] SILVA PAES, SABRINA, NL
[72] SCHUMM, STEPHAN GEORG, NL
[72] VANDEVENNE, EVELIEN MARIA MATHILDA, NL
[71] UNILEVER PLC, GB
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[25] EN
[54] **CONDUIT FOR A LIQUID DISPENSER, METHOD OF PRODUCING IT AND USE THEREOF**
[54] **CONDUIT POUR UN DISTRIBUTEUR DE LIQUIDE, SA METHODE DE PRODUCTION ET SON UTILISATION**
[72] ALEXEJ, BUT, DE
[72] DUCHARDT, THOMAS, DE
[72] LUX, STEFAN, DE
[72] RAZIN, DENIS, DE
[71] BRITA GMBH, DE
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[54] **COMPOSITIONS AND METHODS CONCERNING IMMUNE TOLERANCE**
[54] **COMPOSITIONS ET PROCEDES D'INDUCTION D'UNE TOLERANCE IMMUNITAIRE**
[72] HUBBELL, JEFFREY A., US
[72] WILSON, DAVID SCOTT, US
[72] BRUNGGEL, KYM, US
[72] LORENTZ, KRISTEN MARIE, CH
[71] THE UNIVERSITY OF CHICAGO, US
[71] ANOKION SA, CH
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[54] **ANTIBODIES AGAINST LIF AND DOSAGE FORMS THEREOF**
[54] **ANTICORPS ANTI-LIF ET LEURS FORMES GALENIQUES**
[72] SEOANE SUAREZ, JOAN, ES
[72] ANIDO FOLGUEIRA, JUDIT, ES
[71] MEDIMMUNE LIMITED, GB
[71] FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, ES
[71] FUNDACIO PRIVADA INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
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[51] **Int.Cl. H02K 15/06 (2006.01)**
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[54] **ASSEMBLY AND METHOD OF ASSEMBLAGE FOR A WINDING GROUP OF A BAR WINDING FOR AN ELECTRIC MACHINE**
[54] **ENSEMBLE ET PROCEDE D'ASSEMBLAGE POUR UN GROUPE D'ENROULEMENTS D'UN ENROULEMENT DE BARRE POUR UNE MACHINE ELECTRIQUE**
[72] RUGGIERI, GIOVANNI, IT
[72] TANCREDI, SERGIO, IT
[72] MICUCCI, MAURILIO, IT
[72] RANALLI, GIUSEPPE, IT
[71] TECNOMATIC S.P.A., IT
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[54] **PHARMACEUTICAL COMPOSITION FOR CONTROLLED RELEASE OF TREPROSTINIL**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA LIBERATION CONTROLEE DE TREPROSTINIL**
[72] KAN, PEI, TW
[72] LIN, YI FONG, TW
[72] CHEN, KO CHIEH, TW
[71] PHARMOSA BIOPHARM INC., TW
[85] 2020-11-04
[86] 2019-05-06 (PCT/US2019/030841)
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[30] US (62/667,889) 2018-05-07
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[54] **CROSS-FLOW INTERCONNECT AND FUEL CELL SYSTEM INCLUDING SAME**
[54] **INTERCONNEXION A ECOULEMENT TRANSVERSAL ET SYSTEME DE PILE A COMBUSTIBLE COMPRENANT CELLE-CI**
[72] GASDA, MICHAEL, US
[72] SRIVATSAN, VIJAY, US
[72] HINTZ, ROBERT M., US
[72] VENKATARAMAN, SWAMINATHAN, US
[72] ANANTHA, PADIADPU SHANKARA, US
[72] EL BATAWI, EMAD, US
[72] LIN, CHENG-YU, US
[72] MAINKAR, SAGAR, US
[72] RICHARDS, GILBERT, US
[72] SCHOLL, JONATHAN, US
[71] BLOOM ENERGY CORPORATION, US
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[54] **PHOTOPROTECTIVE COMPOSITIONS CONTAINING MALASSEZIA-DERIVED COMPOUNDS AND/OR CHEMICAL ANALOGS THEREOF**
[54] **COMPOSITIONS DE PHOTOPROTECTION CONTENANT DES COMPOSES DERIVES DE MALASSEZIA ET/OU DES ANALOGUES CHIMIQUES DE CEUX-CI**
[72] EINZIGER, MICHAEL, US
[72] SIMPSON, ANN MARIE, US
[71] EINZIGER, MICHAEL, US
[71] SIMPSON, ANN MARIE, US
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[54] **SUSPENSION TRAVEL CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE DEPLACEMENT DE SUSPENSION**
[72] DUDDING, ASHELY THOMAS, US
[72] LOVETT, JERRY MICHAEL, US
[72] AUMANN, RICHARD JOHN, US
[72] PYLE, FOSTER KOLBE, US
[72] DICIANNI, MATTHEW EDWARD MICHAEL, US
[71] HENDRICKSON USA, L.L.C., US
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[25] EN
[54] **METHODS AND TOOLS FOR DETERMINING CLONAL RELATEDNESS AND PREDICTING CLONAL TRAITS**
[54] **PROCEDES ET OUTILS POUR DETERMINER UNE PARENTE CLONALE ET PREDIRE DES CARACTERES CLONAUX**
[72] CHATTOPADHYAY, SUJAY, IN
[72] TCHESNOKOVA, VERONIKA, US
[72] RECHKINA, ELENA, US
[71] ID GENOMICS, INC., US
[85] 2020-11-04
[86] 2019-05-06 (PCT/US2019/030948)
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[54] **AUTOMATIC DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT AUTOMATIQUE**
[72] APPY, JACQUES, CH
[72] CAMMISH, NEIL, CH
[72] HORLOCK, MARK, CH
[72] HUANG, CONGYI, AT
[72] PALMER-FELGATE, JOHN, CH
[72] ROSSI, CLAUDIO, CH
[72] SHERGOLD, OLIVER, CH
[72] TORDI, GIANLUCA, CH
[72] VON MURALT, ADRIAN FRANCOIS, CH
[72] BRYANT, ANDREW, CH
[71] NOVARTIS AG, CH
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[54] **URINARY DNA DETECTION FOR UROTHELIAL CANCER**
[54] **DETECTION D'ADN URINAIRE DU CANCER UROTHELIAL**
[72] ABBOSH, PHILIP, US
[71] INSTITUTE FOR CANCER RESEARCH D/B/A/ THE RESEARCH INSTITUTE OF FOX CHASE CANCER CENTER, US
[85] 2020-11-04
[86] 2019-05-15 (PCT/US2019/032380)
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[51] **Int.Cl. G02F 1/39 (2006.01) G02B 6/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NONLINEAR OPTICAL LIGHT GENERATION USING LINEARLY UNCOUPLED RESONATORS IN INTEGRATED PHOTONIC DEVICES**
[54] **SYSTEMES ET PROCEDES DE GENERATION DE LUMIERE OPTIQUE NON LINEAIRE UTILISANT DES RESONATEURS NON COUPLES LINEAIREMENT DANS DES DISPOSITIFS PHOTONIQUES INTEGRES**
[72] LISCIDINI, MARCO, IT
[72] MENOTTI, MATTEO, CA
[72] MORRISON, BLAIR, CA
[72] SIPE, JOHN, CA
[72] TAN, KANG, CA
[72] VERNON, ZACHARY, CA
[71] XANADU QUANTUM TECHNOLOGIES INC., CA
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[54] **A SOLANACEAE PLANT RICH IN ANTHOCYANINS CONCENTRATION**
[54] **PLANTE SOLANACEE RICHE EN CONCENTRATION D'ANTHOCYANINES**
[72] VERWEIJ, CORNELIS WALTER, NL
[72] QUATTROCCHIO, FRANCESCA MARGHERITA, NL
[72] KOES, RONALD EDWIN, NL
[72] PASSERI, VALENTINA, NL
[71] ENZA ZADEN BEHEER B.V., NL
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[25] EN
[54] **THERAPY-BASED DATABASE MODEL FOR GENERATING DRUG LIBRARIES**
[54] **MODELE DE BASE DE DONNEES BASE SUR LA THERAPIE POUR GENERER DES BIBLIOTHEQUES DE MEDICAMENTS**
[72] MOSKAL, WITOLD, US
[71] FRESENIUS VIAL SAS, FR
[85] 2020-11-05
[86] 2019-03-22 (PCT/EP2019/057225)
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[51] **Int.Cl. A61K 47/34 (2017.01) A61K 9/14 (2006.01) A61K 38/40 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **NANOPARTICLE COMPRISING A BIO-RESORBABLE POLYESTER, A HYDROPHILIC POLYMER AND AN ACYLATED HUMAN LACTOFERRIN-DERIVED PEPTIDE**
[54] **NANOPARTICULE COMPRENANT UN POLYESTER BIO-RESORBABLE, POLYMERE HYDROPHILE ET PEPTIDE DERIVE DE LACTOFERRINE HUMAINE ACYLE**
[72] BROCK, ROLAND, DE
[72] WALLBRECHER, RIKE, DE
[72] GRIMM, SILKO, DE
[72] BENEDIKT, ANNE, DE
[72] ENGEL, ANDREA, DE
[72] BARON VAN ASBECK, ALEXANDER HENRIK, NL
[72] DIEKER, JURGEN, NL
[71] EVONIK OPERATIONS GMBH, DE
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[54] **FLUID CONNECTOR WITH RESEALABLE MEMBRANE VALVE**
[54] **RACCORD DE FLUIDE AVEC VANNE A MEMBRANE REFERMABLE**
[72] FREMONT, BRADLEY C., US
[71] OETIKER NY, INC., US
[85] 2020-11-05
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[25] EN
[54] **DEVICES, METHODS, AND SYSTEMS FOR UPLINK SYNCHRONIZATION IN TIME DIVISION MULTIPLE ACCESS (TDMA) SATELLITE NETWORK**
[54] **DISPOSITIFS, PROCEDES ET SYSTEMES DE SYNCHRONISATION DE LIAISON MONTANTE DANS UN RESEAU SATELLITAIRE A ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS (AMRT)**
[72] ZHENG, DUNMIN, US
[72] DUTTA, SANTANU, US
[72] CHURAN, GARY, US
[71] ATC TECHNOLOGIES, LLC, US
[85] 2020-11-05
[86] 2019-05-07 (PCT/US2019/031112)
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[25] EN
[54] **NON-INVASIVE VENOUS WAVEFORM ANALYSIS FOR EVALUATING A SUBJECT**
[54] **ANALYSE NON INVASIVE DE FORME D'ONDE VEINEUSE POUR EVALUER UN SUJET**
[72] HOCKING, KYLE M., US
[72] BROPHY, COLLEEN M., US
[72] EAGLE, SUSAN S., US
[72] HOCKING, GRANT, US
[71] VANDERBILT UNIVERSITY, US
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[86] 2019-05-10 (PCT/US2019/031655)
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[51] **Int.Cl. A61K 38/05 (2006.01) A61K 31/00 (2006.01) A61K 31/19 (2006.01) A61K 31/191 (2006.01) A61K 31/198 (2006.01) A61K 31/20 (2006.01) A61K 31/205 (2006.01) A61K 31/417 (2006.01) A61K 31/685 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSIS AND TREATMENT OF CONDITIONS RELATED TO THE QUALITY OF AGING AND LONGEVITY**
[54] **COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC ET LE TRAITEMENT D'AFFECTIONS LIEES A LA LONGEVITE ET A LA QUALITE DU VIEILLISSEMENT**
[72] VENN-WATSON, STEPHANIE, US
[71] EPITRACKER, INC., US
[85] 2020-11-05
[86] 2019-05-20 (PCT/US2019/033175)
[87] (WO2019/226572)
[30] US (62/675,621) 2018-05-23
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01)**
[25] EN
[54] **HUMAN ANTIBODIES BINDING TO ROR2**
[54] **ANTICORPS HUMAINS SE LIANT A ROR2**
[72] GRAWUNDER, ULF, CH
[72] BEERLI, ROGER, CH
[72] HELLMANN, INA, FR
[72] WALDMEIER, LORENZ, CH
[71] NBE-THERAPEUTICS AG, CH
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[54] **ROOF PANEL STRUCTURE**
[54] **STRUCTURE DE GALERIE DE TOIT**
[72] YANG, MINGSHUN, CN
[71] FORMOSA SAINT JOSE CORP., TW
[85] 2020-11-05
[86] 2018-12-24 (PCT/CN2018/123114)
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[30] CN (201810701570.1) 2018-06-29

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[51] **Int.Cl. C01C 1/04 (2006.01) C01B 21/26 (2006.01) C01B 21/28 (2006.01)**
[25] EN
[54] **A PROCESS FOR NITRIC ACID PRODUCTION**
[54] **PROCEDE DE PRODUCTION D'ACIDE NITRIQUE**
[72] FILIPPI, ERMANNO, CH
[72] OSTUNI, RAFFAELE, CH
[72] BARATTO, FRANCESCO, IT
[71] CASALE SA, CH
[85] 2020-11-05
[86] 2019-04-17 (PCT/EP2019/059983)
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[30] EP (18171259.7) 2018-05-08

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[51] **Int.Cl. A61K 39/395 (2006.01) C12N 15/117 (2010.01) A61K 39/39 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMBINATION FOR USE IN THE TREATMENT OF CANCER**
[54] **COMBINAISON PHARMACEUTIQUE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DU CANCER**
[72] ROSIGKEIT, SEBASTIAN, DE
[72] BOCKAMP, ERNST-OTTO, DE
[72] SCHUPPAN, DETLEV, DE
[71] UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[85] 2020-11-05
[86] 2019-05-07 (PCT/EP2019/061683)
[87] (WO2019/215151)
[30] EP (18170999.9) 2018-05-07

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[51] **Int.Cl. B03D 1/02 (2006.01) B03D 1/24 (2006.01)**
[25] EN
[54] **HIGH-ASH FINE COAL SLIME SEPARATION EQUIPMENT AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE SEPARATION DE BOUE A GRAINS FINS A TENEUR ELEVEE EN CENDRES**
[72] GUI, XIAHUI, CN
[72] XING, YAOWEN, CN
[72] YANG, ZILI, CN
[72] CAO, YIJUN, CN
[72] LIU, JIONGTIAN, CN
[72] XIA, LINGYONG, CN
[72] LIU, TAISHUN, CN
[72] TONG, SHUNZENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[86] 2019-04-22 (PCT/CN2019/083660)
[87] (WO2020/155420)
[30] CN (201910099623.1) 2019-01-31

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[51] **Int.Cl. A24F 47/00 (2020.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AN AEROSOL PROVISION DEVICE CONFIGURED TO RECEIVE A PLURALITY OF AEROSOLISABLE MATERIALS**
[54] **DISPOSITIF DE FOURNITURE D'AEROSOL CONFIGURE POUR RECEVOIR UNE PLURALITE DE MATIERES AEROSOLISABLES**
[72] LEAH, THOMAS DAVID, GB
[72] ALLBUTT, BRYAN, GB
[72] HARVEY, LISA, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-11-05
[86] 2019-05-08 (PCT/EP2019/061795)
[87] (WO2019/215213)
[30] GB (1807497.1) 2018-05-08

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[51] **Int.Cl. C07D 209/86 (2006.01) G01N 30/06 (2006.01)**
[25] EN
[54] **PHENYL AMINO SODIUM PROPIONATE DERIVATIVE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **DERIVE DE PROPIONATE DE SODIUM AMINO PHENYLE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] LU, XIANPING, CN
[72] LI, ZHIBIN, CN
[72] WANG, XIANGHUI, CN
[72] GAO, WEIJUN, CN
[72] DENG, XINGYU, CN
[71] SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD., CN
[85] 2020-11-05
[86] 2019-04-29 (PCT/CN2019/084921)
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[30] CN (201810437901.5) 2018-05-09

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[51] **Int.Cl. C07D 401/08 (2006.01) A61K 31/451 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 13/12 (2006.01) C07D 211/56 (2006.01)**
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[54] **CYCLOPENTANE COMPOUNDS**
[54] **COMPOSES DE CYCLOPENTANE**
[72] ZHANG, XIAOLIN, GB
[72] PAN, WEITAO, GB
[72] NIKITIDIS, GRIGORIOS, SE
[72] LINDHAGEN, JENNY SUSANNA MARIKA, SE
[71] DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD, CN
[85] 2020-11-05
[86] 2019-05-09 (PCT/EP2019/061888)
[87] (WO2019/215268)
[30] CN (PCT/CN2018/086503) 2018-05-11

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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **PROCESSING METHOD AND APPARATUS BASED ON UPLINK SIGNAL, RELATED DEVICE, AND STORAGE MEDIUM**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT BASES SUR UN SIGNAL EN LIAISON MONTANTE, DISPOSITIF ASSOCIE ET SUPPORT DE STOCKAGE**
[72] LI, YAN, CN
[72] WANG, FEI, CN
[72] HOU, XUEYING, CN
[72] ZHENG, YI, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2020-11-05
[86] 2019-05-05 (PCT/CN2019/085579)
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[30] CN (201810446930.8) 2018-05-11

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[51] **Int.Cl. C12Q 1/689 (2018.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR PREDICTING THE OUTCOME OF AN ASSISTED REPRODUCTIVE TECHNOLOGY PROCEDURE**
[54] **PROCEDE ET KIT POUR PREDIRE LE RESULTAT D'UNE INTERVENTION DE TECHNOLOGIE DE PROCREATION ASSISTEE**
[72] DE JONGE, JONATHAN DENNIS, NL
[72] BUDDING, DRIES, NL
[72] DE MONNINK, JOEP, NL
[71] ARTPRED B.V., NL
[85] 2020-11-05
[86] 2019-05-09 (PCT/EP2019/061967)
[87] (WO2019/224012)
[30] EP (18173578.8) 2018-05-22

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[13] A1
[51] **Int.Cl. C08G 75/00 (2006.01)**
[25] EN
[54] **ELASTOMERIC COPOLYMERS WITH A HIGH SULFUR CONTENT AND PROCESS FOR THEIR PREPARATION**
[54] **COPOLYMERES ELASTOMERES A HAUTE TENEUR EN SOUFRE ET LEUR PROCEDE DE PREPARATION**
[72] DE ANGELIS, ALBERTO RENATO, IT
[72] BOGGIONI, LAURA, IT
[72] LOSIO, SIMONA, IT
[71] ENI S.P.A., IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2020-11-05
[86] 2019-05-10 (PCT/EP2019/062010)
[87] (WO2019/215313)
[30] IT (102018000005276) 2018-05-11

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[25] EN
[54] **ANTI-INTERLEUKIN-17A ANTIBODY, PHARMACEUTICAL COMPOSITION THEREOF AND USE THEREOF**
[54] **ANTICORPS ANTI-INTERLEUKINE 17A, COMPOSITION PHARMACEUTIQUE ET UTILISATION ASSOCIEES**
[72] LI, BAIYONG, CN
[72] XIA, YU, CN
[72] WANG, ZHONGMIN MAXWELL, CN
[72] ZHANG, PENG, CN
[71] AKESO BIOPHARMA, INC., CN
[85] 2020-11-05
[86] 2019-05-24 (PCT/CN2019/088344)
[87] (WO2019/228266)
[30] CN (201810539405.0) 2018-05-30

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[13] A1
[51] **Int.Cl. G07C 9/00 (2020.01)**
[25] EN
[54] **ELECTRONIC LOCKBOX WITH INTERFACE TO OTHER ELECTRONIC LOCKS**
[54] **BOITE DE VERROUILLAGE ELECTRONIQUE DOTEE D'UNE INTERFACE AVEC D'AUTRES VERROUS ELECTRONIQUES**
[72] FISHER, SCOTT R., US
[71] SENTRILOCK, LLC, US
[85] 2020-11-04
[86] 2019-05-30 (PCT/US2019/034539)
[87] (WO2019/232141)
[30] US (62/679,132) 2018-06-01
[30] US (16/424,880) 2019-05-29

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[13] A1
[51] **Int.Cl. C11D 1/22 (2006.01) C11D 3/00 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **SCENT CONTROL ACCORDING TO LOCAL CONDITIONS OF A SCENT CONTROL DEVICE**
[54] **REGULATION DE PARFUM EN FONCTION DE CONDITIONS LOCALES D'UN DISPOSITIF DE REGULATION DE PARFUM**
[72] ELROD, SCOTT A., US
[71] ELROD, SCOTT A., US
[85] 2020-11-05
[86] 2019-05-29 (PCT/US2019/034340)
[87] (WO2019/232014)
[30] US (15/992,561) 2018-05-30

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **WASHROOM MAINTENANCE AUTOMATION SYSTEM**
[54] **SYSTEME D'AUTOMATISATION DE MAINTENANCE DE SALLE DE LAVAGE**
[72] MAHAFFEY, CLEARY E., US
[72] PURCELL, RICKY W., US
[72] WILLIAMS, JR., FREDERICK J., US
[72] BECKER, STEPHEN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2020-11-05
[86] 2019-05-31 (PCT/US2019/034798)
[87] (WO2019/232298)
[30] US (62/678,363) 2018-05-31

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TRIAZOLOPYRIMIDINE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE TRIAZOLOPYRIMIDINE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] GOLDBERG, FREDERICK WOOLF, GB
[72] TING, ATTILLA KUAN TSUEI, GB
[72] LAMONT, GILLIAN MCGREGOR, GB
[72] BUTTAR, DAVID, GB
[72] KETTLE, JASON GRANT, GB
[71] DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD., CN
[85] 2020-11-05
[86] 2019-05-10 (PCT/EP2019/062020)
[87] (WO2019/215316)
[30] US (62/670,075) 2018-05-11

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[13] A1
[51] **Int.Cl. H01P 3/123 (2006.01) H01P 3/14 (2006.01)**
[25] EN
[54] **FLEXIBLE WAVEGUIDE**
[54] **GUIDE D'ONDES FLEXIBLE**
[72] BARDINET, ARTHUR, GB
[72] ROBERTS, RICHARD, GB
[72] MCLAREN, STEPHEN, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
[85] 2020-11-05
[86] 2019-05-02 (PCT/GB2019/051227)
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[30] GB (1810223.6) 2018-06-21

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[13] A1
[51] **Int.Cl. G07F 13/00 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPENSING INDIVIDUAL PORTIONS OF BEVERAGE PRECURSOR FOR PREPARING A BEVERAGE THEREFROM**
[54] **APPAREIL DE DISTRIBUTION DE PORTIONS INDIVIDUELLES DE PRECURSEUR DE BOISSON PERMETTANT DE PREPARER UNE BOISSON A PARTIR DE CES DERNIERES**
[72] CHAPUIS, VALENTIN, CH
[72] ROMAND, DAMIEN, CH
[72] OBLIGER, NICOLAS, FR
[72] MAGATTI, MARCO, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-11-05
[86] 2019-05-10 (PCT/EP2019/062022)
[87] (WO2019/219523)
[30] EP (18172041.8) 2018-05-14

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[13] A1
[51] **Int.Cl. A01M 1/02 (2006.01) A01M 17/00 (2006.01) A01P 5/00 (2006.01)**
[25] EN
[54] **CONTROL OF NEMATODES**
[54] **LUTTE CONTRE LES NEMATODES**
[72] IZQUIERDO, JOSEP IGNASI, ES
[71] BAYER CROPSCIENCES S. L., ES
[85] 2020-11-06
[86] 2019-05-02 (PCT/EP2019/061253)
[87] (WO2019/215009)
[30] EP (18171591.3) 2018-05-09

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/12 (2006.01) F04B 17/00 (2006.01) F04B 47/00 (2006.01) F04D 13/00 (2006.01)**
[25] EN
[54] **POWERTRAIN FOR WELLSITE OPERATIONS AND METHOD**
[54] **GROUPE MOTOPROPULSEUR POUR OPERATIONS ET PROCEDE DE SITE DE FORAGE**
[72] SHERMAN, DAVID, CA
[72] TALBOT, CRAIG, CA
[71] SHERMAN, DAVID, CA
[71] TALBOT, CRAIG, CA
[85] 2020-10-28
[86] 2019-05-01 (PCT/CA2019/050575)
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[30] US (62/664,943) 2018-05-01

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[25] EN
[54] **CATALYST SYSTEM, ELECTRODE, AND FUEL CELL OR ELECTROLYZER**
[54] **SYSTEME DE CATALYSEUR, ELECTRODE, AINSI QUE PILE A COMBUSTIBLE OU ELECTROLYSEUR**
[72] WEGENER, MORITZ, DE
[72] MUSAYEV, YASHAR, DE
[72] VIVEKANANTHAN, JEEVANTHI, DE
[72] REPENNING, DETLEV, DE
[72] DOBRENIZKI, LADISLAUS, DE
[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[85] 2020-11-05
[86] 2019-04-10 (PCT/DE2019/100331)
[87] (WO2020/011300)
[30] DE (10 2018 116 508.0) 2018-07-09

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[13] A1
[51] **Int.Cl. C25B 11/04 (2006.01) C25B 1/04 (2006.01) C25B 1/30 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **CATALYTIC ARRANGEMENT FOR AN ELECTROLYZER SYSTEM OR A FUEL CELL SYSTEM, ELECTROLYZER SYSTEM, FUEL CELL SYSTEM, USE OF A CATALYTIC ARRANGEMENT AND METHOD FOR PRODUCING A CATALYTICARRANGEMENT**
[54] **ENSEMBLE CATALYSEUR POUR UN SYSTEME ELECTROLYSEUR OU UN SYSTEME DE PILE A COMBUSTIBLE, SYSTEME ELECTROLYSEUR, SYSTEME DE PILE A COMBUSTIBLE, UTILISATION D'UN ENSEMBLE CATALYSEUR ET PROCEDE DE PRODUCTION D'UN ENSEMBLE CATALYSEUR**
[72] VIVEKANANTHAN, JEEVANTHI, DE
[72] MUSAYEV, YASHAR, DE
[72] SCHULZ, EDGAR, DE
[72] WEGENER, MORITZ, DE
[72] DOBRENIZKI, LADISLAUS, DE
[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[85] 2020-11-05
[86] 2019-05-29 (PCT/DE2019/100471)
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[30] DE (10 2018 116 373.8) 2018-07-06

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[13] A1
[51] **Int.Cl. F21V 33/00 (2006.01) F24F 13/078 (2006.01)**
[25] EN
[54] **VENTILATION FAN SYSTEM WITH ADVANCED CHROMATHERAPY CONTROLS**
[54] **SYSTEME DE VENTILATEUR DE VENTILATION AVEC COMMANDES DE CHROMATHERAPIE AVANCEES**
[72] PUFFER, BENJAMIN, US
[72] KRAUSKA, BERNARD, US
[72] NORTON, COLIN, US
[72] ASMUS, JASON, US
[72] STANGE, JULIE, US
[72] WEIGEL, LAUREN, US
[71] BROAN-NUTONE LLC, US
[85] 2020-11-05
[86] 2019-05-22 (PCT/US2019/033558)
[87] (WO2019/226791)
[30] US (62/675,045) 2018-05-22

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[13] A1
[51] **Int.Cl. H02S 40/22 (2014.01)**
[25] EN
[54] **DOUBLE-SIDED LIGHT-CONCENTRATING SOLAR APPARATUS AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME SOLAIRES A CONCENTRATION DOUBLE FACE**
[72] HU, XIAOPING, CN
[71] BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD., CN
[85] 2020-11-06
[86] 2018-05-08 (PCT/CN2018/085992)
[87] (WO2019/213834)

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[13] A1
[51] **Int.Cl. B25C 1/04 (2006.01) B25C 1/06 (2006.01) B25C 7/00 (2006.01)**
[25] EN
[54] **NAILERS WITH JAMMING-ALLEVIATING MECHANISMS**
[54] **CLOUEUSES POURVUES DE MECANISMES ANTICOINCEMENT**
[72] TAN, YING XIANG, CN
[72] LIN, HAI LING, CN
[72] HE, XI, CN
[72] ZHOU, JIN LIN, CN
[71] TECHTRONIC CORDLESS GP, US
[85] 2020-11-06
[86] 2018-07-30 (PCT/CN2018/097715)
[87] (WO2019/214087)
[30] CN (201810431869.X) 2018-05-08

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[13] A1
[51] **Int.Cl. B25C 1/04 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING A WORKPIECE JAM CONDITION IN A FASTENER TOOL**
[54] **PROCEDE DE DETECTION D'UN ETAT DE COINCEMENT DE PIECE DANS UN OUTIL DE FIXATION**
[72] TAN, YING XIANG, CN
[72] LIN, HAI LING, CN
[72] HE, XI, CN
[72] ZHOU, JIN LIN, CN
[71] TECHTRONIC CORDLESS GP, US
[85] 2020-11-06
[86] 2018-07-30 (PCT/CN2018/097724)
[87] (WO2019/214088)
[30] CN (201810431869.X) 2018-05-08

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[13] A1
[51] **Int.Cl. H04B 17/354 (2015.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR MEASURING TOTAL RADIATED POWER OF ARRAY ANTENNA**
[54] **PROCEDE, APPAREIL ET SYSTEME DE MESURE DE LA PUISSANCE TOTALE RAYONNEE D'UNE ANTENNE RESEAU**
[72] ZHUANG, YANCHUN, CN
[72] GAO, HUA, CN
[72] ZHONG, KUNJING, CN
[72] XUE, FEI, CN
[71] ZTE CORPORATION, CN
[85] 2020-11-06
[86] 2019-05-06 (PCT/CN2019/085645)
[87] (WO2019/214570)
[30] CN (201810426814.X) 2018-05-07

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **RESOURCE DETERMINATION METHOD, RECEIVING METHOD, DEVICE, NETWORK DEVICE AND TERMINAL**
[54] **PROCEDES DE DETERMINATION ET DE RECEPTION DE RESSOURCES, APPAREIL, DISPOSITIF DE RESEAU ET TERMINAL**
[72] WU, DAN, CN
[72] SHAO, HUA, CN
[72] XU, XIAODONG, CN
[72] HOU, XUEYING, CN
[72] XIA, LIANG, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2020-11-06
[86] 2019-05-07 (PCT/CN2019/085809)
[87] (WO2019/214599)
[30] CN (201810450313.5) 2018-05-11

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **DIHYDROPYRIMIDINE DERIVATIVES AND USES THEREOF IN THE TREATMENT OF HBV INFECTION OR OF HBV-INDUCED DISEASES**
[54] **DERIVES DE DIHYDROPYRIMIDINE ET LEURS UTILISATIONS DANS LE TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE B OU DE MALADIES INDUITES PAR LE VIRUS DE L'HEPATITE B**
[72] DENG, GANG, CN
[72] JIANG, YIMIN, US
[72] LIU, QIAN, CN
[72] LIANG, CHAO, CN
[72] WAN, ZHAO-KUI, CN
[72] CHEUNG, WING SHUN, CN
[72] CHENG, ZHANLING, CN
[72] XU, YANPING, US
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
[85] 2020-11-06
[86] 2019-06-25 (PCT/CN2019/092857)
[87] (WO2020/001448)
[30] CN (PCT/CN2018/092875) 2018-06-26
[30] US (62/716,823) 2018-08-09

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[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 5/02 (2006.01) B32B 5/04 (2006.01) B32B 27/12 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **PACKAGING MATERIAL AND METHOD FOR ITS PRODUCTION**
[54] **MATERIAU D'EMBALLAGE ET PROCEDE DE PRODUCTION DUDIT MATERIAU**
[72] KARATZIS, ANTONIOS, GR
[71] KARATZIS S.A. INDUSTRIAL & HOTELIER ENTERPRISES, GR
[85] 2020-11-06
[86] 2019-04-10 (PCT/EP2019/059140)
[87] (WO2019/214893)
[30] DE (10 2018 111 118.5) 2018-05-09

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[13] A1
[51] **Int.Cl. A01M 1/02 (2006.01) A01M 17/00 (2006.01) A01P 5/00 (2006.01)**
[25] EN
[54] **CONTROL OF NEMATODES**
[54] **LUTTE CONTRE LES NEMATODES**
[72] IZQUIERDO, JOSEP IGNASI, ES
[71] BAYER CROPSCIENCE, S.L., ES
[85] 2020-11-06
[86] 2019-05-02 (PCT/EP2019/061251)
[87] (WO2019/215008)
[30] EP (18171591.3) 2018-05-09

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[13] A1
[51] **Int.Cl. B62K 5/06 (2006.01) B62K 5/10 (2013.01)**
[25] EN
[54] **IMPROVED TILTING SUSPENSION FOR A VEHICLE**
[54] **SUSPENSION D'INCLINAISON AMELIOREE POUR UN VEHICULE**
[72] BARENBRUG, MACHIEL GERARDUS THEODORUS MARIE, CH
[72] DE VISSER, ALEXANDER PLUL JOHANNUS, CH
[72] ARIESEN, PEL, CH
[71] YOUSEE B.V., NL
[85] 2020-11-06
[86] 2019-05-07 (PCT/EP2019/061674)
[87] (WO2019/215144)
[30] NL (2020889) 2018-05-08

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[13] A1
[51] **Int.Cl. B05D 3/06 (2006.01) B42D 25/369 (2014.01) B42D 25/378 (2014.01) C09D 11/037 (2014.01) C09D 11/101 (2014.01) B05D 3/00 (2006.01) B05D 5/06 (2006.01) B41F 17/00 (2006.01) B41F 27/02 (2006.01) B41M 3/14 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **MAGNETIC ASSEMBLIES, APPARATUSES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES**
[54] **ENSEMBLES ET APPAREILS MAGNETIQUES ET PROCEDES DE PRODUCTION DE COUCHES A EFFET OPTIQUE COMPRENANT DES PARTICULES DE PIGMENT MAGNETIQUES OU MAGNETISABLES NON SPHERIQUES ORIENTEES**
[72] AMERASINGHE, CEDRIC, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[71] SICPA HOLDING SA, CH
[85] 2020-11-06
[86] 2019-05-07 (PCT/EP2019/061678)
[87] (WO2019/215148)
[30] EP (18171312.4) 2018-05-08

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[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/47 (2006.01) A61P 33/10 (2006.01) C07D 215/54 (2006.01) C07D 215/56 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **NEW QUINOLINE DERIVATIVES**
[54] **NOUVEAUX DERIVES DE QUINOLEINE**
[72] HUBSCH, WALTER, DE
[72] GRIEBENOW, NILS, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] KULKE, DANIEL, DE
[72] BOHM, CLAUDIA, DE
[72] BORNGEN, KIRSTEN, DE
[72] ALIG, BERND, DE
[72] ZHUANG, WEI, DE
[72] HEISLER, IRING, DE
[72] ILG, THOMAS, DE
[72] KOBBERLING, JOHANNES, DE
[72] KOHLER, ADELINE, DE
[72] LINDNER, NIELS, DE
[72] GORGENS, ULRICH, DE
[72] WELZ, CLAUDIA, DE
[72] HINK, MAIKE, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2020-11-06
[86] 2019-05-07 (PCT/EP2019/061725)
[87] (WO2019/215182)
[30] EP (18171490.8) 2018-05-09

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[13] A1
[51] **Int.Cl. H04N 9/31 (2006.01)**
[25] EN
[54] **CLOSED LOOP DRIVING OF A HIGHLIGHTER TYPE PROJECTOR**
[54] **COMMANDE EN BOUCLE FERMEE D'UN PROJECTEUR DE TYPE SURLIGNEUR**
[72] GERETS, PETER, BE
[72] MAES, DIRK, BE
[72] DAMBERG, GERWIN, CA
[71] BARCO N.V., BE
[85] 2020-11-06
[86] 2019-05-07 (PCT/EP2019/061753)
[87] (WO2019/215202)
[30] GB (1807461.7) 2018-05-08

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[13] A1
[51] **Int.Cl. C12Q 1/6886 (2018.01)**
[25] EN
[54] **METHOD OF CANCER PROGNOSIS BY ASSESSING TUMOR VARIANT DIVERSITY BY MEANS OF ESTABLISHING DIVERSITY INDICES**
[54] **PROCEDE DE PRONOSTIC DU CANCER PAR EVALUATION DE DIVERSITE DE VARIANTS DE TUMEUR AU MOYEN D'ETABLISSEMENT D'INDICES DE DIVERSITE**
[72] MA, XIAOJU, US
[72] WEHNL, BIRGIT, DE
[72] YAUNG, STEPHANIE J., US
[72] MULEY, THOMAS, DE
[72] HERTH, FELIX, DE
[72] BALASUBRAMANYAM, AARTHI, US
[72] XI, LIU, US
[72] JU, CHRISTINE, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-11-06
[86] 2019-05-08 (PCT/EP2019/061810)
[87] (WO2019/215223)
[30] US (62/668,684) 2018-05-08

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[13] A1
[51] **Int.Cl. A01N 47/44 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **USE OF FUNGICIDES AND GLYCINE BETAINE IN COMBINATION FOR CONTROLLING FUNGAL PLANT PATHOGENS**
[54] **UTILISATION DE FONGICIDES ET DE GLYCINE BETAINE EN COMBINAISON POUR LUTTER CONTRE DES PATHOGENES FONGIQUES DES PLANTES**
[72] SANCHEZ, JEAN-MARC, FR
[72] COR, OLIVIER, FR
[72] DOUTRELUINGNE, THOMAS, FR
[71] DANSTAR FERMENT AG, CH
[85] 2020-11-06
[86] 2019-05-15 (PCT/EP2019/062536)
[87] (WO2019/219775)
[30] EP (18290053.0) 2018-05-15

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[13] A1
[51] **Int.Cl. A61K 31/4375 (2006.01) A61K 31/00 (2006.01) A61K 31/506 (2006.01) A61K 45/06 (2006.01) A61P 21/00 (2006.01) A61P 21/04 (2006.01)**
[25] EN
[54] **THE USE OF NON-STEROIDAL MINERALOCORTICOID RECEPTOR ANTAGONISTS ALONE OR IN COMBINATION FOR THE TREATMENT OF MUSCULAR OR NEUROMUSCULAR DISEASES**
[54] **UTILISATION D'ANTAGONISTES NON STEROIDIENS DU RECEPTEUR DES MINERALOCORTICOIDES SEULS OU EN COMBINAISON POUR LE TRAITEMENT DE MALADIES MUSCULAIRES OU NEUROMUSCULAIRES**
[72] SANDNER, PETER, DE
[72] KOLKHOF, PETER, DE
[72] MATHAR, ILKA, DE
[72] BREITENSTEIN, STEFANIE, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-11-06
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[72] MAIR, CHRISTOPHER, GB
[71] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[54] **METHOD FOR GENERATING A MOVEMENT OF A MOBILE SYSTEM FOR OPEN PIT MINING**
[54] **PROCEDE POUR LA GENERATION D'UN DEPLACEMENT D'UNE INSTALLATION MOBILE POUR MINES A CIEL OUVERT**
[72] EBBERS, CHRISTIAN, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
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[54] **HYDROGEN PRODUCTION BY STEAM METHANE REFORMING**
[54] **PRODUCTION D'HYDROGENE PAR REFORMAGE DE METHANE A LA VAPEUR**
[72] MORTENSEN, PETER MOLGAARD, DK
[72] AASBERG-PETERSEN, KIM, DK
[72] KLEIN, ROBERT, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **GLAZING SUPPORT SYSTEM**
[54] **SYSTEME DE SOUTIEN DE VITRAGE**
[72] PEDERSEN, ROALD H., NO
[71] VAGA TEKNIKK AS, NO
[85] 2020-11-05
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[25] EN
[54] **COMPOSITION COMPRISING NITROGEN AND A SELENIUM-ENRICHED YEAST AND METHOD FOR INCREASING THE CONTENT OF SELENIUM IN PLANTS BY APPLYING THE COMPOSITION TO SOILS**
[54] **COMPOSITION COMPRENANT DE L'AZOTE ET UNE LEVURE ENRICHIE EN SELENIUM ET PROCEDE POUR AUGMENTER LA TENEUR EN SELENIUM DANS DES PLANTES PAR APPLICATION DE LA COMPOSITION SUR DES SOLS**
[72] COR, OLIVIER, FR
[72] SANCHEZ, JEAN-MARC, FR
[71] DANSTAR FERMENT AG, CH
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[54] **DOSE INITIALE DE CONJUGUES DE LA PTH**
[72] SPROGOE, KENNETT, DK
[72] KARPF, DAVID BRIAN, US
[72] STRANGE, CLAUS, DK
[71] ASCENDIS PHARMA BONE DISEASES A/S, DK
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[54] **PLANTES COMPRENANT DES GENES DE RESTAURATION DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, ET LEURS UTILISATIONS**
[72] DAVEY, MARK, BE
[72] JACOBS, JONNY, BE
[72] CAVANAGH, COLIN ROBERT, AU
[72] ROHDE, ANTJE, BE
[72] ARIYADASA, RUVINI, BE
[72] VERSTICHELE, ARNE, BE
[72] VAN THOURNOUT, MICHEL, BE
[72] WHAN, ALEXANDER, AU
[72] BARRERO SANCHEZ, JOSE, AU
[72] SINGARAM NATARAJAN, ASWINKUMAR, AU
[72] SPRIGGS, ANDREW, AU
[72] BOVILL, WILLIAM, AU
[71] BASF SE, DE
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **METHOD AND DEVICE FOR DATA TRANSFER BETWEEN A MOBILE DEVICE AND A READER DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRANSFERT DE DONNEES ENTRE UN DISPOSITIF MOBILE ET UN DISPOSITIF DE LECTURE**
[72] STUDERUS, PAUL, CH
[72] PLUSS, MARCEL, CH
[71] DORMAKABA SCHWEIZ AG, CH
[85] 2020-11-06
[86] 2019-05-23 (PCT/EP2019/063386)
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[54] **A BALL VALVE AND VALVE OPERATING METHOD**
[54] **SOUPAPE A BILLE ET PROCEDE D'ACTIONNEMENT DE SOUPAPE**
[72] TOLBOOM, THEODORUS JOHANNES, NL
[71] TOLBOOM VALVE B.V., NL
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[25] EN
[54] **COMPOSITIONS AND METHODS USING A NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD+) PRECURSOR AND AT LEAST ONE KETONE OR KETONE PRECURSOR**
[54] **COMPOSITIONS ET PROCEDES UTILISANT UN PRECURSEUR DE NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD +) ET AU MOINS UNE CETONE OU UN PRECURSEUR DE CETONE**
[72] CUENOUD, BERNARD, CH
[72] SEVERIN, INDIA C, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-11-06
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[54] **CABLE D'AMARRAGE SOUS-MARIN**
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[71] BEXCO N.V., BE
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[54] **CORPS DE VALVE A MONTER SUR UNE COUPELLE**
[72] BODET, HERVE, FR
[72] GAILLARD, ERIC, FR
[71] LINDAL FRANCE SAS, FR
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[54] **ANNEAU D'ANNULOPLASTIE DE CHAINE, SYSTEME DE POSE ET PROCEDES ASSOCIES**
[72] SOLEM, KRISTIAN, SE
[72] SOLEM, JAN OTTO, SE
[72] ENGVALL, DANIEL, SE
[72] KRUGER, VICTORIA, SE
[72] WOLFF, MARTIN, SE
[72] BERG, JONATHAN, SE
[72] SPANBERG, ANDRE, SE
[71] SYNTACH AG, CH
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[54] **SYSTEME D'ENTRAINEMENT DOTE D'UN VILEBREQUIN VERTICAL ET POMPE A CARBURANT ENTRAINEE PAR ARBRE A CAMES**
[72] CHILD, MATTHEW GEORGE, GB
[71] COX POWERTRAIN LIMITED, GB
[85] 2020-11-05
[86] 2019-05-14 (PCT/GB2019/051312)
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[54] **IMAGE D'AGITATION POUR VERIFICATION D'ENREGISTREMENT**
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[72] RAPOPORT, TOBIAS JURA, DE
[71] ALCON INC., CH
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[54] **SEPARATION DES MATIERES SOUFREES**
[72] ALLAM, RODNEY JOHN, GB
[72] RAFATI, NAVID, US
[71] 8 RIVERS CAPITAL, LLC, US
[85] 2020-11-05
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[54] **COPOLYMERES THERMOPLASTIQUES A HAUTE TENEUR EN SOUFRE ET LEUR PROCEDE DE PREPARATION**
[72] DE ANGELIS, ALBERTO RENATO, IT
[72] GUIDOLIN, MARCO, IT
[71] ENI S.P.A., IT
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[54] **SYSTEMS AND METHODS FOR IDENTIFYING A RISK OF IMPLIEDLY OVERRULED CONTENT BASED ON CITATIONALLY RELATED CONTENT**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'UN RISQUE D'UN CONTENU IMPLICITEMENT REJETE SUR LA BASE D'UN CONTENU CONNEXE EN CITATION**
[72] CUSTIS, TONYA, US
[72] BROOKE, JULIAN, CA
[72] MADAN, KANIKA, CA
[72] MARTINEZ ALONSO, HECTOR, GB
[72] FAZLY, AFSANEH, CA
[72] MOULINIER, ISABELLE, US
[72] MCELVAIN, GAYLE, US
[72] ERICKSON, DIANE, US
[72] AMMAR, KHALED, CA
[71] THOMSON REUTERS ENTERPRISE CENTRE GMBH, CH
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[54] **RECIPIENT DE TRANSPORT POUR LE TRANSPORT DE MARCHANDISES TRANSPORTEES SENSIBLES A LA TEMPERATURE**
[72] ROS, NICO, CH
[71] REP IP AG, CH
[85] 2020-11-05
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[54] **A DE-ICING SYSTEM FOR A WIND TURBINE BLADE**
[54] **SYSTEME DE DEGIVRAGE POUR UNE PALE D'EOLIENNE**
[72] BARNES, ROSEMARY HELEN, DK
[72] ANDERSEN, LAURIDS, DK
[71] LM WIND POWER INTERNATIONAL TECHNOLOGY II APS, DK
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[54] **PROCESSUS ET INSTALLATION POUR LA PRODUCTION DE METHANOL**
[72] ESKESEN, SOREN GRONBORG, DK
[72] DAHL, PER JUUL, DK
[72] TJARNEHOV, EMIL ANDREAS, SE
[72] THORHAUGE, MAX, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **ESPACE INSONORISE ET HYGIENIQUE**
[72] URPOLAHTI, JOUKO, FI
[71] VETROSPACE OY, FI
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[54] **SYSTEM AND METHOD FOR CONSTRUCTION 3D MODELING AND ANALYSIS**
[54] **SYSTEME ET PROCEDE DE MODELISATION ET D'ANALYSE 3D DE CONSTRUCTION**
[72] SHLOOSH, GILAD, IL
[72] SHAGAN, AVIHU, IL
[71] MANAM APPLICATIONS LTD., IL
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[54] **L1TD1 EN TANT QUE BIOMARQUEUR PREDICTIF DU CANCER DU COLON**
[72] CHAKROBORTY, DEEPANKAR, FI
[72] REDDY, EMANI MAHESWARA, FI
[72] ELO, LAURA, FI
[72] LAHESMAA, RIITTA, FI
[72] RISTIMAKI, ARI, FI
[72] HAGLUND, CAJ, FI
[71] TURUN YLIOPISTO, FI
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[54] **SEALING ELEMENT**
[54] **ELEMENT D'ETANCHEITE**
[72] QUINN, MICHAEL, GB
[72] QUINN, MARK, GB
[71] QINOV8 UK LTD, GB
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[54] **IMMUNE CHECKPOINT INHIBITOR CO-EXPRESSION VECTORS**
[54] **VECTEURS DE CO-EXPRESSION D'INHIBITEURS DE POINTS DE CONTROLE IMMUNITAIRES**
[72] BLAIR, WADE, US
[72] JOOSS, KARIN, US
[72] GITLIN, LEONID, US
[72] SCALLAN, CIARAN DANIEL, US
[72] RAPPAPORT, AMY RACHEL, US
[72] GROTENBREG, GIJSBERT MAMIX, US
[71] GRITSTONE ONCOLOGY, INC., US
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[54] **VACCIN A PEPTIDES ANTISENS**
[72] PHILIP, RAMILA, US
[72] PERRINS, RICHARD DAVID, GB
[72] HUANG, XIAOFANG, US
[72] RADEMACHER, THOMAS, GB
[72] UPTON, CHRISTOPHER, CA
[71] EMERGEX VACCINES HOLDING LIMITED, GB
[85] 2020-11-06
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[25] EN
[54] **SHARED ANTIGENS**
[54] **ANTIGENES PARTAGES**
[72] YELENSKY, ROMAN, US
[72] SUN, JAMES XIN, US
[72] BUSBY, MICHELE, US
[72] BUSBY, JENNIFER, US
[72] BULIK-SULLIVAN, BRENDAN, US
[72] SKOBERNE, MOJCA, US
[72] BLAIR, WADE, US
[72] JOOSS, KARIN, US
[71] GRITSTONE ONCOLOGY, INC., US
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[54] **SYSTEMS AND METHODS FOR EDITING BRASSICA GENOME**
[54] **SYSTEMES ET PROCEDES D'EDITION DU GENOME DE BRASSICA**
[72] CHARNE, DAVID GEORGE, US
[72] CHEN, WENPIN, US
[72] GILLESPIE, JAMES BRENT, US
[72] JETTY, SIVA S AMMIRAJU, US
[72] LIU, ZHAN-BIN, US
[72] ZASTROW-HAYES, GINA MARIE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[86] 2019-05-30 (PCT/US2019/034531)
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[54] **IMPRIMANTE POUR ETIQUETTES DE PRODUITS ET APPLICATEUR**
[72] ARRINGTON, CLINT P., US
[71] JOHN BEAN TECHNOLOGIES CORPORATION, US
[85] 2020-11-05
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[25] EN
[54] **DEVICE AND METHOD FOR IN BATCH PROCESSING OF SPRAY CANS**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT PAR LOTS DE BOMBES AEROSOLS**
[72] OSSE, EELCO MAARTEN, NL
[71] DESPRAY HOLDING B.V., NL
[85] 2020-11-06
[86] 2019-05-09 (PCT/NL2019/000006)
[87] (WO2019/216760)
[30] NL (NL 1042864) 2018-05-11

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[51] **Int.Cl. C09K 5/04 (2006.01) C10M 171/00 (2006.01)**
[25] EN
[54] **STABILIZED FLUOROOLEFIN REFRIGERANT COMPOSITIONS AND METHODS FOR THEIR_PRODUCTION, STORAGE AND USAGE**
[54] **COMPOSITIONS DE FLUOROOLEFINES STABILISEES ET LEURS PROCEDES DE PRODUCTION, DE STOCKAGE ET D'UTILISATION**
[72] PENG, SHENG, US
[72] SIMONI, LUKE DAVID, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2020-11-05
[86] 2019-10-29 (PCT/US2019/058435)
[87] (WO2020/222864)
[30] US (PCT/US2019/029777) 2019-04-30

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[51] **Int.Cl. A01G 9/24 (2006.01)**
[25] EN
[54] **HORTICULTURAL AND/OR AGRICULTURAL GREENHOUSE**
[54] **SERRE HORTICOLE ET/OU AGRICOLE**
[72] LANSU, PETER EDUARD MARIA, NL
[71] DALSEM BEHEER B.V., NL
[85] 2020-11-06
[86] 2019-05-09 (PCT/NL2019/050278)
[87] (WO2019/216768)
[30] NL (2020907) 2018-05-09

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[51] **Int.Cl. C04B 28/24 (2006.01) C01B 33/26 (2006.01) C01B 33/32 (2006.01) C04B 12/04 (2006.01) C04B 28/26 (2006.01) C08K 3/34 (2006.01) C09D 1/02 (2006.01) C09D 5/18 (2006.01) C09K 21/02 (2006.01) C09K 21/14 (2006.01) E04B 1/62 (2006.01) E04B 1/92 (2006.01) E04C 2/00 (2006.01) E04C 2/20 (2006.01)**
[25] EN
[54] **A THERMAL AND/OR FIRE RESISTANT PANEL, A MOUNTING ASSEMBLY, AND A KIT**
[54] **PANNEAU RESISTANT A LA CHALEUR ET/OU AU FEU, ENSEMBLE DE MONTAGE ET KIT**
[72] HERBON, ROBERTO JAVIER, AU
[72] KRELLMANN, LUKAS, AU
[72] DELL'OLIO, CARMELO, AU
[71] CBG SYSTEMS INTERNATIONAL PTY LTD, AU
[85] 2020-11-06
[86] 2019-05-17 (PCT/AU2019/050474)
[87] (WO2019/222793)
[30] AU (2018901758) 2018-05-19

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[13] A1
[51] **Int.Cl. B60D 5/00 (2006.01)**
[25] EN
[54] **ARTICULATION SYSTEM FOR COMMERCIAL ROAD VEHICLES**
[54] **SYSTEME D'ARTICULATION POUR VEHICULES ROUTIERS COMMERCIAUX**
[72] RAYMOND, JEAN, CA
[71] PANTERO TECHNOLOGIES INC., CA
[85] 2020-11-06
[86] 2018-05-24 (PCT/CA2018/050604)
[87] (WO2018/218340)
[30] US (62/512,334) 2017-05-30

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[51] **Int.Cl. A61B 46/00 (2016.01) A61B 6/00 (2006.01)**
[25] EN
[54] **IMAGING DRAPES, PACKAGING FOR DRAPES, METHODS OF USE OF IMAGING DRAPES, AND METHODS FOR DEPLOYING DRAPE**
[54] **CHAMPS D'IMAGERIE, EMBALLAGE POUR CHAMPS, PROCEDES D'UTILISATION DE CHAMPS D'IMAGERIE, ET PROCEDES DE DEPLOIEMENT DE CHAMP**
[72] DACOSTA, RALPH, CA
[72] VERMEY, GARRETT, CA
[72] MISTRY, NITESH, CA
[72] DUNHAM, DANIELLE, CA
[72] TREADWELL, SIMON, CA
[72] GULIA, SONIA, CA
[71] MOLECULIGHT INC., CA
[85] 2020-11-06
[86] 2019-05-09 (PCT/CA2019/000061)
[87] (WO2019/213737)
[30] US (62/669,009) 2018-05-09

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[51] **Int.Cl. G01T 1/29 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A HIGH RESOLUTION, HIGH SPEED RADIATION IMAGING**
[54] **PROCEDE ET APPAREIL POUR UNE IMAGERIE AVEC UN RAYONNEMENT A HAUTE RESOLUTION ET A GRANDE VITESSE**
[72] KARIM, KARIM S., CA
[72] SCOTT, CHRIS, CA
[72] LI, YUNZHE, CA
[71] KA IMAGING INC., CA
[85] 2020-11-06
[86] 2019-05-07 (PCT/CA2019/050602)
[87] (WO2019/213755)
[30] US (15/972,762) 2018-05-07

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[25] EN
[54] **AZABENZIMIDAZOLE COMPOUNDS AND PHARMACEUTICAL**
[54] **COMPOSES D'AZABENZIMIDAZOLE ET PRODUIT PHARMACEUTIQUE**
[72] OIKAWA, KOUYA, JP
[72] HIRAI, SHO, JP
[72] WAKITA, KAZUHIKO, JP
[72] FUJIBAYASHI, AKIKO, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[85] 2020-11-06
[86] 2019-05-07 (PCT/JP2019/018201)
[87] (WO2019/216294)
[30] JP (2018-089867) 2018-05-08

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[51] **Int.Cl. A01H 1/02 (2006.01) A01H 6/46 (2018.01) C12Q 1/6895 (2018.01) A01H 5/10 (2018.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS COMPRISING WHEAT G-TYPE CYTOPLASMIC MALE STERILITY RESTORER GENES AND USES THEREOF**
[54] **PLANTES COMPRENANT DES GENES DE RESTAURATION DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE ET LEURS UTILISATIONS**
[72] DAVEY, MARK, BE
[72] JACOBS, JONNY, BE
[72] CAVANAGH, COLIN ROBERT, AU
[72] ROHDE, ANTJE, BE
[72] ARIYADASA, RUVINI, BE
[72] VERSTICHELE, ARNE, BE
[72] VAN THOURNOUT, MICHEL, BE
[72] WHAN, ALEXANDER, AU
[72] BARRERO SANCHEZ, JOSE, AU
[72] SINGARAM NATARAJAN, ASWINKUMAR, AU
[72] SPRIGGS, ANDREW, AU
[72] BOVILL, WILLIAM, AU
[71] BASF SE, DE
[71] COMMONWEATH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2020-11-06
[86] 2019-05-24 (PCT/EP2019/063463)
[87] (WO2019/224353)
[30] EP (18174269.3) 2018-05-25

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **RE-CLOSEABLE DOWNHOLE VALVES WITH IMPROVED SEAL INTEGRITY**
[54] **VANNES DE FOND DE TROU POUVANT ETRE REFERMEES AYANT UNE INTEGRITE D'ETANCHEITE AMELIOREE**
[72] MONTERO FERNANDEZ, JUAN MIGUEL, CA
[71] NCS MULTISTAGE INC., CA
[85] 2020-11-06
[86] 2019-05-07 (PCT/CA2019/050605)
[87] (WO2019/213758)
[30] US (62/667,918) 2018-05-07

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[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A23L 33/18 (2016.01) A61K 38/10 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **PEPTIDE, COMPOSITION, AND METHOD FOR TREATING, PREVENTING, OR AMELIORATING MOOD DISORDER**
[54] **PEPTIDE, COMPOSITION, ET METHODES DE TRAITEMENT, DE PREVENTION OU D'ATTENUATION D'UN TROUBLE DE L'HUMEUR**
[72] OHINATA, KOUSAKU, JP
[72] ASAKURA, SAHO, JP
[72] SUZUKI, HIDEYUKI, JP
[72] SATO, MASARU, JP
[72] ITO, AKIRA, JP
[72] HIGUCHI, YUKI, JP
[71] KYOTO UNIVERSITY, JP
[71] KAZUSA DNA RESEARCH INSTITUTE, JP
[71] KAMEDA SEIKA CO., LTD., JP
[85] 2020-11-06
[86] 2019-05-07 (PCT/JP2019/018229)
[87] (WO2019/216307)
[30] JP (2018-089784) 2018-05-08

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[25] EN
[54] **METHODS AND SYSTEMS FOR DATA COLLECTION, LEARNING, AND STREAMING OF MACHINE SIGNALS FOR ANALYTICS AND MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS**
[54] **PROCEDES ET SYSTEMES DE COLLECTE, D'APPRENTISSAGE ET DE DIFFUSION EN CONTINU DE SIGNAUX DE MACHINE A DES FINS D'ANALYSE ET DE MAINTENANCE A L'AIDE DE L'INTERNET DES OBJETS INDUSTRIEL**
[72] CELLA, CHARLES HOWARD, US
[72] DUFFY, JR., GERALD WILLIAM, US
[72] MCGUCKIN, JEFFREY P., US
[72] DESAI, MEHUL, US
[71] STRONG FORCE IOT PORTFOLIO 2016, LLC, US
[85] 2020-11-06
[86] 2019-02-28 (PCT/US2019/020044)
[87] (WO2019/216975)
[30] US (15/973,406) 2018-05-07
[30] US (62/713,897) 2018-08-02
[30] US (62/714,078) 2018-08-02
[30] US (16/143,286) 2018-09-26
[30] US (62/757,166) 2018-11-08
[30] US (62/799,732) 2019-01-31

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[51] **Int.Cl. G01F 11/04 (2006.01) A61J 3/07 (2006.01)**
[25] EN
[54] **APPARATUS FOR METERING AND DISPENSING VISCOUS SUBSTANCE**
[54] **APPAREIL DE DOSAGE ET DE DISTRIBUTION DE SUBSTANCE VISQUEUSE**
[72] LEMIEUX, PIERRE, CA
[72] DESPINS, SIMON, CA
[72] AZIZ, SARYA, CA
[72] BISSUEL, NICOLAS, CA
[72] LEMIEUX, FRANCOIS, CA
[71] ACASTI PHARMA, INC., CA
[85] 2020-11-06
[86] 2019-05-09 (PCT/CA2019/050620)
[87] (WO2019/213768)
[30] US (62/669,431) 2018-05-10

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[13] A1
[51] **Int.Cl. A61K 35/28 (2015.01) A61P 7/00 (2006.01) A61P 25/00 (2006.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR SPINAL CORD INJURY**
[54] **AGENT THERAPEUTIQUE POUR LESION DE LA MOELLE EPINIERE**
[72] KAWAMURA, MAKOTO, JP
[72] MASUTOMI, NAOYA, JP
[71] LIFE SCIENCE INSTITUTE, INC., JP
[85] 2020-11-06
[86] 2019-05-09 (PCT/JP2019/018578)
[87] (WO2019/216380)
[30] JP (2018-090979) 2018-05-09

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[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT**
[54] **IMPLANT DENTAIRE**
[72] ESTRABILLO, ROLAND, CA
[71] ESTRABILLO, ROLAND, CA
[85] 2020-11-06
[86] 2019-05-09 (PCT/CA2019/050622)
[87] (WO2019/213770)
[30] US (62/669,004) 2018-05-09

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[13] A1
[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION FOR ALLEVIATION DENTIN HYPERESTHESIA**
[54] **COMPOSITION DE SOINS BUCCO-DENTAIRES POUR LE SOULAGEMENT DE L'HYPERESTHESIE DENTINAIRE**
[72] PARK, JOO HWANG, KR
[72] LEE, JI HYUN, KR
[71] HYSENSBIO, KR
[85] 2020-11-06
[86] 2019-04-17 (PCT/KR2019/004635)
[87] (WO2019/216567)
[30] KR (10-2018-0053012) 2018-05-09

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[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/19 (2006.01) A61K 8/44 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61K 8/97 (2017.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **TOOTHPASTE COMPOSITION FOR ALLEVIATING DENTIN HYPERESTHESIA**
[54] **COMPOSITION DE DENTIFRICE POUR SOULAGER L'HYPERSENSIBILITE DE LA DENTINE**
[72] PARK, JOO HWANG, KR
[72] LEE, JI HYUN, KR
[71] HYSENSBIO, KR
[85] 2020-11-06
[86] 2019-04-17 (PCT/KR2019/004636)
[87] (WO2019/216568)
[30] KR (10-2018-0053013) 2018-05-09

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[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **INSUFFLATION RETENTION DEVICE WITH BALLOON**
[54] **DISPOSITIF DE RETENTION PAR INSUFFLATION A BALLONNET**
[72] HOLBROOK, ROBERT M., US
[72] HENSON, ROBERT, US
[72] FENTRESS, JAMES, US
[72] ZIGNEGO, JAY, US
[72] SMITH, PETER, US
[72] SCHAFFERS, AMANDA, US
[71] BPENDO, LLC, US
[85] 2020-11-06
[86] 2019-05-13 (PCT/US2019/000024)
[87] (WO2019/216960)
[30] US (15/976,885) 2018-05-11
[30] US (62/920,037) 2019-04-09

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[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) B33Y 70/00 (2020.01) B22F 3/00 (2006.01) B22F 9/08 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING POWDER AND ADDITIVE MANUFACTURING PART MADE USING SAME**
[54] **POUDRE DE FABRICATION ADDITIVE ET PIECE DE FABRICATION ADDITIVE FABRIQUEE A L'AIDE DE CELLE-CI**
[72] CONLON, MARTIN JOHN, CA
[72] BROUSE, DOUGLAS ANDREW, CA
[72] DOUTRE, SEAN ROBERT, CA
[72] YIN, SHENGZE, CA
[72] PHILLIPS, JONATHAN, US
[71] EQUISPHERES INC., CA
[85] 2020-11-06
[86] 2019-05-10 (PCT/CA2019/050634)
[87] (WO2019/213780)
[30] US (62/670,454) 2018-05-11

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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **LACTOBACILLUS PARACASEI STRAIN AND USE THEREOF**
[54] **SOUCHE DE LACTOBACILLUS PARACASEI ET UTILISATION ASSOCIEE**
[72] KO, GWANG PYO, KR
[72] KIM, WOONKI, KR
[72] JANG, YOU-JIN, KR
[72] SEO, BORAM, KR
[72] LEE, JUNE-CHUL, KR
[72] NAM, TAE-WOOK, KR
[72] KIM, INSU, KR
[72] LEE, JIN- WOO, KR
[71] KO BIOLABS, INC., KR
[85] 2020-11-06
[86] 2019-05-09 (PCT/KR2019/005553)
[87] (WO2019/216662)
[30] KR (10-2018-0053279) 2018-05-09

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[13] A1
[51] **Int.Cl. G01D 11/30 (2006.01) A01F 25/16 (2006.01) E04H 7/22 (2006.01) G01D 11/24 (2006.01) G01S 7/02 (2006.01) G01S 13/08 (2006.01) G01S 15/08 (2006.01) G01S 17/08 (2006.01) G01F 23/00 (2006.01)**
[25] EN
[54] **SENSING APPARATUS FOR MONITORING A SUBSTANCE IN A STORAGE BUILDING**
[54] **APPAREIL DE DETECTION POUR SURVEILLER UNE SUBSTANCE DANS UN BATIMENT DE STOCKAGE**
[72] MONTPLAISIR, JEAN-FRANCOIS, CA
[72] MOISAN, ALAIN, CA
[72] TREMBLAY, MAXIME, CA
[71] LES CONSULTANTS PENTERACT INC., CA
[85] 2020-11-06
[86] 2019-05-14 (PCT/CA2019/050645)
[87] (WO2019/218058)
[30] US (62/671,476) 2018-05-15

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[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) G06K 19/02 (2006.01) G06K 19/07 (2006.01) G06K 19/10 (2006.01) G06K 19/18 (2006.01)**
[25] EN
[54] **DUAL INTERFACE METAL SMART CARD WITH BOOSTER ANTENNA**
[54] **CARTE A PUCE METALLIQUE A DOUBLE INTERFACE MUNIE D'UNE ANTENNE AMPLIFICATRICE**
[72] LOWE, ADAM, US
[72] HERSLOW, JOHN, US
[72] DASILVA, LUIS, US
[72] NESTER, BRIAN, US
[71] COMPOSECURE, LLC, US
[85] 2020-11-06
[86] 2019-01-08 (PCT/US2019/012685)
[87] (WO2019/136436)
[30] US (15/742,813) 2018-01-08
[30] US (15/976,612) 2018-05-10

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[13] A1
[51] **Int.Cl. C11B 11/00 (2006.01) A23J 7/00 (2006.01) A61K 31/683 (2006.01) A61K 47/44 (2017.01) C11B 1/10 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF ENRICHED PHOSPHOLIPID COMPOSITIONS**
[54] **PROCEDE DE FABRICATION DE COMPOSITIONS PHOSPHOLIPIDIQUES ENRICHIES**
[72] LEMIEUX, PIERRE, CA
[72] DESPINS, SIMON, CA
[72] AZIZ, SARYA, CA
[72] LABRECQUE, REMI, CA
[72] BISSUEL, NICOLAS, CA
[71] ACASTI PHARMA, INC., CA
[85] 2020-11-06
[86] 2019-05-15 (PCT/CA2019/050651)
[87] (WO2019/218062)
[30] US (62/672,180) 2018-05-16

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[13] A1
[51] **Int.Cl. B25D 1/04 (2006.01) B25C 11/00 (2006.01) B25D 1/06 (2006.01) B25D 11/00 (2006.01) B25F 1/00 (2006.01) B25F 1/04 (2006.01) B66F 15/00 (2006.01)**
[25] EN
[54] **LEVERAGE ENHANCEMENT ATTACHMENT FOR LEVER TOOLS**
[54] **ACCESSOIRE D'AMELIORATION D'EFFET DE LEVIER POUR OUTILS A LEVIER**
[72] HOBACK, JOHN F., US
[71] HOBACK, JOHN F., US
[85] 2020-11-06
[86] 2017-11-06 (PCT/US2017/060205)
[87] (WO2019/074531)
[30] US (15/784,120) 2017-10-14

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[13] A1
[51] **Int.Cl. A47J 37/00 (2006.01) A47J 37/12 (2006.01)**
[25] EN
[54] **MULTI-BANK COOKING SYSTEM**
[54] **SYSTEME DE CUISSON A BLOCS MULTIPLES**
[72] CYR, STEVEN J., US
[72] SAVAGE, STEVEN, US
[72] FECTEAU, MICHAEL T., US
[72] GARDNER, JOHN P., US
[72] GALLERANI, STEVEN, US
[72] SEARL, KARL M., US
[71] PITCO FRIALATOR, INC., US
[85] 2020-11-06
[86] 2019-03-22 (PCT/US2019/023639)
[87] (WO2019/216998)
[30] US (62/667,884) 2018-05-07

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[13] A1
[51] **Int.Cl. G01N 1/34 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE SELECTIVE LYSIS OF BLOOD CELLS AND SEPARATION OF MICROBIAL CELLS**
[54] **PROCEDES ET COMPOSITIONS DESTINEES A LA LYSE SELECTIVE DE CELLULES SANGUINES ET A LA SEPARATION DE CELLULES MICROBIENNES**
[72] TALEBPOUR, SAMAD, CA
[72] KHINE, AYE-AYE, CA
[72] PARMAR, VILCY, CA
[72] MANKU, SUKHDEV, CA
[72] SAMIEI, ALALEH, CA
[71] QVELLA CORPORATION, CA
[85] 2020-11-06
[86] 2019-05-24 (PCT/CA2019/050716)
[87] (WO2019/222862)
[30] US (62/676,771) 2018-05-25
[30] US (62/776,126) 2018-12-06

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[13] A1
[51] **Int.Cl. C21B 13/00 (2006.01) C21B 13/02 (2006.01) F27D 3/16 (2006.01)**
[25] EN
[54] **DIRECT REDUCTION SYSTEM AND PROCESS UTILIZING A PROCESS GAS DIRECT RECYCLE LINE**
[54] **SYSTEME ET PROCEDE DE REDUCTION DIRECTE UTILISANT UNE CONDUITE DE RECYCLAGE DIRECT DE GAZ DE TRAITEMENT**
[72] HUGHES, GREGORY DAREL, US
[72] MICHISHITA, HARUYASU, US
[71] MIDREX TECHNOLOGIES, INC., US
[85] 2020-11-06
[86] 2018-07-03 (PCT/US2018/040676)
[87] (WO2019/240828)
[30] US (16/007,045) 2018-06-13

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[13] A1
[51] **Int.Cl. E21B 10/43 (2006.01) E21B 10/14 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **EARTH BORING TOOLS HAVING FIXED BLADES AND VARYING SIZED ROTATABLE CUTTING STRUCTRES AND RELATED METHODS**
[54] **OUTILS DE FORAGE DU SOL AYANT DES LAMES FIXES ET DES STRUCTURES DE COUPE ROTATIVES DE TAILLES VARIABLES ET PROCEDES ASSOCIES**
[72] SCHOEN, WILLIAM, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-11-06
[86] 2018-11-09 (PCT/US2018/060017)
[87] (WO2019/094711)
[30] US (15/807,853) 2017-11-09

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[13] A1
[51] **Int.Cl. A61K 38/08 (2019.01) A61K 38/17 (2006.01) C07K 7/06 (2006.01)**
[25] EN
[54] **CANCER-SPECIFIC T-CELL RECEPTORS**
[54] **RECEPTEURS DE LYMPHOCYTES T SPECIFIQUES DU CANCER**
[72] SEWELL, ANDREW, GB
[72] DOLTON, GARRY, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
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[54] **HEAT MACHINE CONFIGURED FOR REALIZING HEAT CYCLES AND METHOD FOR REALIZING HEAT CYCLES BY MEANS OF SUCH HEAT MACHINE**
[54] **MACHINE THERMIQUE CONFIGUREE POUR REALISER DES CYCLES THERMIQUES ET PROCEDE POUR REALISER DES CYCLES THERMIQUES AU MOYEN D'UNE TELLE MACHINE THERMIQUE**
[72] OLIVOTTI, SERGIO, IT
[71] I.V.A.R. S.P.A., IT
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[54] **DOSAGE DANS UN EMBALLAGE SOUS FORME DE FILM, COMPOSITION DE FILM ET SON PROCEDE DE PREPARATION**
[72] GUPTA, ROHAN KUMAR, SG
[72] GUPTA, RAJIV KUMAR, SG
[71] RKS GLOBAL PTE LTD, SG
[85] 2020-11-06
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[54] **COMPOSITIONS AND METHODS RELATED TO ANTI-CD19 ANTIBODY DRUG CONJUGATES**
[54] **COMPOSITIONS ET METHODES ASSOCIEES A DES CONJUGUES ANTICORPS-MEDICAMENTS ANTI-CD19**
[72] SONG, HO YOUNG, KR
[72] PARK, YUN HEE, KR
[72] KIM, SUNG MIN, KR
[72] KIM, HYOUNG RAE, KR
[72] OH, JI, HYE, KR
[72] RYU, HYUN MIN, KR
[72] CHAE, JEIWOOK, KR
[72] OH, YEONG SOO, KR
[72] KIM, YONG ZU, KR
[72] DEEHAN, MAUREEN, CH
[72] FISCHER, NICOLAS, CH
[71] LEGOCHEM BIOSCIENCES, INC., KR
[71] NOVIMMUNE, SA, CH
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[54] **RECESSED ELECTRICAL USER**
[54] **CONSOMMATEUR ELECTRIQUE EN RETRAIT**
[72] RENDE, GIORGIO, IT
[71] ITALY INNOVAZIONI S.P.A., IT
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[54] **DISPOSITIF CHIRURGICAL DE REPERE**
[72] NICOLETTI, GIOVANNI FEDERICO, IT
[71] NICOLETTI, GIOVANNI FEDERICO, IT
[71] MT ORTHO S.R.L., IT
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[54] **DISPENSING MONITORING SYSTEM & METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE DISTRIBUTION**
[72] BENTKOVSKI, YAKOV, IL
[71] WATERIO LTD., IL
[85] 2020-11-06
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[54] **NEBULIZERS, NEBULIZER CARTRIDGES AND USES THEREOF**
[54] **NEBULISEURS, CARTOUCHES DE NEBULISEUR ET LEURS UTILISATIONS**
[72] HAZANI, MIRON, IL
[71] OMEGA LIFE SCIENCE LTD., IL
[85] 2020-11-06
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[54] **COMPOSITE NON TISSE**
[72] BROADAWAY, SARA A., US
[72] JOHNSON, RYAN W., US
[72] KOHLMAN, RANDOLPH S., US
[72] PETRI, PATRICK A., US
[71] MILLIKEN & COMPANY, US
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[54] **TASTE AND FLAVOR-MODIFIER PROTEINS**
[54] **PROTEINES MODIFIANT LE GOUT ET LA SAVEUR**
[72] SAMISH, ILAN, IL
[72] KASS, ITAMAR, IL
[72] HECHT, DALIT, IL
[71] AMAI PROTEINS LTD., IL
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[25] EN
[54] **MULTI-MATERIAL TRACK PAD FOR A CONTINUOUS TRACK ASSEMBLY**
[54] **PLAQUETTE DE CHENILLE MULTI-MATERIAUX POUR UN ENSEMBLE CHENILLE CONTINUE**
[72] HAKES, DAVID, US
[72] JONES, BENJAMIN, US
[72] ABELLO, BENOIT, US
[71] CATERPILLAR INC., US
[85] 2020-11-06
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[54] **CURRENT DRIVER SYSTEM**
[54] **SYSTEME DE PILOTE DE COURANT**
[72] MILLER, DONALD L., US
[72] HERR, QUENTIN P., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2020-11-06
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[54] **MOBILE DEVICE TEMPERATURE-REGULATING CASE**
[54] **ETUI REGULATEUR DE TEMPERATURE DE DISPOSITIF MOBILE**
[72] DILLOW, CHRISTOPHER, US
[72] BREEDING, CODY, US
[71] ADESA, INC., US
[85] 2020-11-06
[86] 2019-05-02 (PCT/US2019/030313)
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[54] **INDIRECT LED LIGHTING SYSTEM FOR A SUSPENDED CEILING**
[54] **ECLAIRAGE A DEL INDIRECTE POUR UN PLAFOND SUSPENDU**
[72] PORCIATTI, SILVIO, US
[71] JLC-TECH IP, LLC, US
[85] 2020-11-06
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[54] **INDUCTION BURNER IGNITION SYSTEM**
[54] **SYSTEME D'ALLUMAGE DE BRULEUR A INDUCTION**
[72] SIMON, PAUL, J., US
[72] GIEBEL, MICHAEL, R., US
[71] DANSONS, INC., US
[85] 2020-11-06
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[54] **SOUND GENERATING PET TOY**
[54] **JOUET POUR ANIMAL DE COMPAGNIE GENERANT UN SON**
[72] SWEETNAM, AMANDA, US
[72] NIXON, KRISTA, US
[72] FENG, LIU, US
[72] LI, JACKY, US
[71] RADIO SYSTEMS CORPORATION, US
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[54] **2D AND 3D BIOSCAFFOLD EXTRACELLULAR STRUCTURAL UNIT AND TISSUE STRUCTURE DESIGN AND METHODS OF MANUFACTURE**
[54] **UNITE STRUCTURALE EXTRACELLULAIRE D'ECHAFAUDAGE BIOLOGIQUE 2D ET 3D ET CONCEPTION DE STRUCTURE TISSULAIRE ET PROCEDES DE FABRICATION**
[72] TORO ESTRELLA, HECTOR JAVIER, US
[72] GARCIA, ORQUIDEA HELEN, US
[71] MENTOR WORLDWIDE LLC, US
[85] 2020-11-06
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[54] **BIOSCAFFOLD COMPOSITIONS OF MATTER**
[54] **COMPOSITIONS DE BIOECHAFAUDAGE DE MATIERE**
[72] TORO ESTRELLA, HECTOR JAVIER, US
[72] GARCIA, ORQUIDEA HELEN, US
[71] MENTOR WORLDWIDE LLC, US
[85] 2020-11-06
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[25] EN
[54] **IMPROVED UF6 TRANSPORT AND PROCESS CONTAINER (30W) FOR ENRICHMENTS UP TO 20% BY WEIGHT**
[54] **CONTENEUR DE TRANSPORT ET DE TRAITEMENT AMELIORES D'UF6 (30 W) POUR UN ENRICHISSEMENT POUVANT ATTEINDRE 20 % EN POIDS**
[72] STUCKER, DAVID L., US
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2020-11-06
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[54] **GALNAC CONJUGATED MODIFIED OLIGONUCLEOTIDE AS MIR-122 INHIBITOR HAVING HCV ANTIVIRAL ACTIVITY WITH REDUCED HYPERBILIRUBINEMIA SIDE-EFFECT**
[54] **OLIGONUCLEOTIDE MODIFIE CONJUGUE A GALNAC EN TANT QU'INHIBITEUR DE MIR-122 AYANT UNE ACTIVITE ANTIVIRALE CONTRE LE VHC A EFFET SECONDAIRE D'HYPERBILIRUBINEMIE REDUIT**
[72] ALLERSON, CHARLES R., US
[72] NEBEN, STEVEN S., US
[72] WRIGHT, TIMOTHY, US
[71] REGULUS THERAPEUTICS INC., US
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[54] **LOWER-UPPER-MAIN-BACKUP (LUMB) SERVICE MODES FOR RADIO BROADCASTS**
[54] **MODES DE SERVICE DE SAUVEGARDE PRINCIPALE-INFERIEURE-SUPERIEURE (LUMB) POUR RADIODIFFUSIONS**
[72] PEYLA, PAUL J., US
[72] KROEGER, BRIAN W., US
[72] BAIRD, JEFFREY S., US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2020-11-06
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[54] **GRAPHENE-ENABLED ANTI-CORROSION COATING**
[54] **REVETEMENT ANTICORROSION A BASE DE GRAPHENE**
[72] MENG, FAN-CHUN, TW
[72] LIN, YI-JUN, TW
[72] LEE, SHAIO-YEN, TW
[72] CHIU, WEN Y., TW
[72] ZHAMU, ARUNA, US
[72] JANG, BOR Z., US
[71] NANOTEK INSTRUMENTS, INC., US
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[54] **SULFORHODAMINE PHOSPHORAMIDITE DYES**
[54] **COLORANTS PHOSPHORAMIDITE DE SULFORHODAMINE**
[72] LUND, KEVIN P., US
[72] SERGUEEV, DMITRI, US
[72] QABAR, MAHER N., US
[72] GALL, ALEXANDER, US
[71] CEPHEID, US
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[25] EN
[54] **SELECTION OF PATIENTS FOR COMBINATION THERAPY**
[54] **SELECTION DE PATIENTS POUR UNE POLYTHERAPIE**
[72] ORDENTLICH, PETER, US
[72] WANG, LEI, US
[72] SANKOH, SERAP, US
[72] MEYERS, MICHAEL, US
[71] SYNDAX PHARMACEUTICALS, INC., US
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[54] **UNIMODAL POLYETHYLENE COPOLYMER AND FILM THEREOF**
[54] **COPOLYMERE DE POLYETHYLENE UNIMODAL ET SON FILM**
[72] LIU, BO, US
[72] ZHANG, YI, US
[72] BAFNA, AYUSH A., US
[72] ALEXANDRE, FRANCOIS, CA
[72] GROSS, KEVIN R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **METHODS OF TREATING PHENYLKETONURIA**
[54] **METHODES DE TRAITEMENT DE LA GRIPPE**
[72] BERGUIG, GEOFFREY, US
[72] MAHIMKAR, RAJEEV, US
[72] AKEEFE, HASSIB, US
[72] COLOSI, PETER, US
[71] BIOMARIN PHARMACEUTICAL INC., US
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[86] 2019-05-08 (PCT/US2019/031252)
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[30] US (62/669,292) 2018-05-09
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[54] **CORROSION INHIBITOR WITH IMPROVED PERFORMANCE AT HIGH TEMPERATURES**
[54] **INHIBITEUR DE CORROSION PRESENTANT UNE PERFORMANCE AMELIOREE AUX TEMPERATURES ELEVEES**
[72] BARNES, PAUL, GB
[72] NORDVIK, TORE, NO
[72] HUGHES, TREVOR LLOYD, GB
[72] CRAWFORD, LYNNE PATRICIA, GB
[72] BARMATOV, EVGENY, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **BUTT CLOSURES AND BASES THEREFOR**
[54] **FERMETURES BORD A BORD ET BASES ASSOCIEES**
[72] WITTMEIER, DAVID, US
[72] KIMBRELL, EDDIE, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2020-11-09
[86] 2019-05-09 (PCT/US2019/031426)
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[30] US (62/669,014) 2018-05-09
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[54] **MODULATING IMMUNE RESPONSES**
[54] **MODULATION DE REPONSES IMMUNITAIRES**
[72] NG, SUSANNA SHU SZEN, AU
[72] ENGWERDA, CHRISTIAN ROBERT, AU
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2020-11-09
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[25] EN
[54] **CAPTURING AND DISTRIBUTING A LIVE EVENT AUDIO STREAM IN REAL-TIME**
[54] **CAPTURE ET DISTRIBUTION D'UN FLUX AUDIO D'EVENEMENT EN DIRECT EN TEMPS REEL**
[72] POLLET, MICHEL, GB
[71] PROWIRE SPORT LLC, US
[85] 2020-11-09
[86] 2019-05-09 (PCT/US2019/031493)
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[30] US (15/977,269) 2018-05-11

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[25] EN
[54] **AN ORTHODONTIC ANCHORAGE ASSEMBLY**
[54] **ENSEMBLE D'ANCRAGE ORTHODONTIQUE**
[72] ERSKINE-SMITH, CRAIG MATHEW, AU
[71] ERSKINE HOLDCO PTY LTD, AU
[85] 2020-11-09
[86] 2019-03-11 (PCT/AU2019/050217)
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[25] EN
[54] **HEAD LAMP**
[54] **LAMPE FRONTALE**
[72] BESLEY, TIM, AU
[72] WESTWOOD, MICHAEL, AU
[72] DAVIDSON, HUGO, AU
[72] MCKECHNIE, MALCOLM, AU
[71] KNOG PTY LTD, AU
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[54] **ELECTRICALLY CONTROLLABLE PRIVACY GLAZING WITH ENERGY RECAPTURING DRIVER**
[54] **VITRAGE DE CONFIDENTIALITE A COMMANDE ELECTRIQUE AVEC DISPOSITIF D'ENTRAINEMENT DE RECAPTURE D'ENERGIE**
[72] SCHLEDER, NICHOLAS, US
[72] EUL, MICHAEL, US
[72] PETERS, CHAD, US
[72] ATKURI, HARI, US
[71] CARDINAL IG COMPANY, US
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[30] US (62/669,005) 2018-05-09

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[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS WITH MODIFIED LINKER DOMAINS AND USES THEREOF**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES AVEC DOMAINES DE LIAISON MODIFIES ET UTILISATIONS ASSOCIEES**
[72] BANDARA, KANCHANA VERONIKA, AU
[72] COOMBS, JUSTIN TAYLOR, AU
[72] SADLON, TIMOTHY, JOHN, AU
[72] BARRY, SIMON CHARLES, AU
[72] FOENG, JADE HUI YU, AU
[72] MCCOLL, SHAUN REUSS, AU
[71] BIOSCEPTRE (UK) LIMITED, GB
[85] 2020-11-09
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[25] EN
[54] **CHILD RESISTANT LAMINATE PACKAGES AND METHODS FOR MAKING A CHILD RESISTANT PACKAGE**
[54] **EMBALLAGE STRATIFIE A L'EPREUVE DES ENFANTS ET PROCEDES DE REALISATION D'UN EMBALLAGE STRATIFIE A L'EPREUVE DES ENFANTS**
[72] HUFFER, SCOTT WILLIAM, US
[72] SANFILIPPO, JAMES, US
[72] SANFILPPO, JOHN E., US
[72] RADENOVIC, MILORAD, US
[72] COSTA, RICARDO, US
[72] FELD, ERIC, US
[71] SONOCO DEVELOPMENT, INC., US
[85] 2020-11-09
[86] 2019-05-09 (PCT/US2019/031565)
[87] (WO2019/217710)
[30] US (62/670,371) 2018-05-11
[30] US (62/674,302) 2018-05-21

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[54] **TASK MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TACHES**
[72] SPIRER, GARY, US
[71] SPIRER, GARY, US
[85] 2020-11-09
[86] 2019-05-09 (PCT/US2019/031619)
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[30] US (62/668,884) 2018-05-09

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[25] EN
[54] **MICROLAYER MEMBRANES, BATTERY SEPARATORS, BATTERIES, AND RELATED METHODS**
[54] **MEMBRANES MICROCOUCHES, SEPARATEURS DE BATTERIES ET PROCEDES ASSOCIES**
[72] XIAO, KANG KAREN, CA
[72] REINARTZ, STEFAN, US
[72] IKEBATA, HISAKI, JP
[72] PENEGAR, ERIC J., US
[72] NARK, ROBERT, US
[72] ADAMS, CHANGQING WANG, US
[72] OKADA, MASAAKI, US
[72] STEPP, BRIAN R., US
[72] WHITE, ERIC ROBERT, US
[72] DONN, ALLEN M., US
[72] CHEMELEWSKI, KATHARINE, US
[72] KONDO, TAKAHIKO, US
[71] CELGARD, LLC, US
[85] 2020-11-09
[86] 2019-05-10 (PCT/US2019/031683)
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[30] US (62/669,629) 2018-05-10

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[25] EN
[54] **COMBINED PURIFICATION AND CONCENTRATION BY DETERMINISTIC LATERAL DISPLACEMENT WITH RECIRCULATION OF PRODUCT**
[54] **PURIFICATION ET CONCENTRATION COMBINEES PAR DEPLACEMENT LATERAL DETERMINISTE AVEC PRODUIT DE RECIRCULATION**
[72] SKELLEY, ALISON, US
[72] WARD, ANTHONY, US
[72] GANDHI, KHUSHROO, US
[72] CAMPOS-GONZALEZ, ROBERTO, US
[71] GPB SCIENTIFIC, LLC, US
[85] 2020-11-09
[86] 2019-05-10 (PCT/US2019/031738)
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[30] US (62/670,839) 2018-05-13

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSISTING A USER IN A SURGICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE D'ASSISTANCE A UN UTILISATEUR DURANT UNE INTERVENTION CHIRURGICALE**
[72] MOGHADDAM, HASSAN GHADERI, CA
[72] DUPONT, MATHIEU, CA
[71] LIVE VUE TECHNOLOGIES INC., CA
[85] 2020-11-09
[86] 2019-05-10 (PCT/CA2019/050630)
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[30] US (62/669,496) 2018-05-10

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[51] **Int.Cl. G01S 17/32 (2020.01) G01S 7/481 (2006.01) G01S 7/491 (2020.01)**
[25] EN
[54] **LIDAR SYSTEM BASED ON COMPLEMENTARY MODULATION OF MULTIPLE LASERS AND COHERENT RECEIVER FOR SIMULTANEOUS RANGE AND VELOCITY MEASUREMENT**
[54] **SYSTEME LIDAR BASE SUR UNE MODULATION COMPLEMENTAIRE DE PLUSIEURS LASERS, ET RECEPTEUR COHERENT POUR UNE MESURE SIMULTANEE DE DISTANCE ET DE VITESSE**
[72] SANDBORN, PHILLIP, US
[72] LIN, SEN, US
[71] OURS TECHNOLOGY, INC., US
[85] 2020-11-09
[86] 2019-05-10 (PCT/US2019/031778)
[87] (WO2019/217857)
[30] US (62/669,808) 2018-05-10
[30] US (62/669,801) 2018-05-10
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[51] **Int.Cl. G01S 17/32 (2020.01) G01S 7/491 (2020.01)**
[25] EN
[54] **LIDAR SYSTEM BASED ON MULTI-CHANNEL LASER MODULE FOR SIMULTANEOUS BEAM SCANNING OF TARGET ENVIRONMENT**
[54] **SYSTEME LIDAR BASE SUR UN MODULE LASER MULTICANAL POUR BALAYAGE DE FAISCEAU SIMULTANE D'UN ENVIRONNEMENT CIBLE**
[72] SANDBORN, PHILLIP, US
[72] LIN, SEN, US
[72] FERRARA, JAMES, US
[71] OURS TECHNOLOGY, INC., US
[85] 2020-11-09
[86] 2019-05-10 (PCT/US2019/031785)
[87] (WO2019/217860)
[30] US (62/669,803) 2018-05-10
[30] US (62/669,808) 2018-05-10
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[51] **Int.Cl. B05B 1/06 (2006.01) E21B 43/12 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **NOZZLE FOR STEAM INJECTION**
[54] **BUSE POUR INJECTION DE VAPEUR**
[72] ZHU, DA, CA
[71] RGL RESERVOIR MANAGEMENT INC., CA
[85] 2020-11-09
[86] 2019-05-10 (PCT/CA2019/050636)
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[51] **Int.Cl. E02D 29/02 (2006.01) A01G 9/28 (2018.01) E04C 1/00 (2006.01)**
[25] EN
[54] **MODULAR BUILDING SYSTEM FOR HARDSCAPE STRUCTURE**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE POUR STRUCTURE D'AMENAGEMENT EN DUR**
[72] LACAS, MARC-ANDRE, CA
[72] DECLOS, ROBERT, CA
[72] CASTONGUAY, BERTIN, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
[85] 2020-11-09
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[87] (WO2019/218068)
[30] US (62/671,595) 2018-05-15
[30] US (62/724,669) 2018-08-30

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[51] **Int.Cl. C09D 5/08 (2006.01) C01B 32/194 (2017.01) C09D 5/10 (2006.01) C09D 133/00 (2006.01) C09D 161/04 (2006.01) C09D 163/00 (2006.01) C09D 167/08 (2006.01) C09D 175/02 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **ANTI-CORROSION MATERIAL-COATED DISCRETE GRAPHENE SHEETS AND ANTI-CORROSION COATING COMPOSITION CONTAINING SAME**
[54] **FEUILLES DE GRAPHENE SEPAREES REVETUES D'UN MATERIAU ANTICORROSION ET COMPOSITION DE REVETEMENT ANTICORROSION LES CONTENANT**
[72] MENG, FAN-CHUN, TW
[72] LIN, YI-JUN, TW
[72] LEE, SHAIO-YEN, TW
[72] CHIU, WEN Y., TW
[72] ZHAMU, ARUNA, US
[72] JANG, BOR Z., US
[71] NANOTEK INSTRUMENTS, INC., US
[85] 2020-11-06
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[30] US (15/973,651) 2018-05-08
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[51] **Int.Cl. C05G 3/00 (2020.01) C05D 11/00 (2006.01) C05G 5/00 (2020.01)**
[25] EN
[54] **COMPOSITIONS, SYSTEMS AND METHODS FOR DELIVERY OF AN ELEMENT IN RESPONSE TO BIOLOGICAL DEMAND**
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES D'ADMINISTRATION D'UN ELEMENT EN REPONSE A UNE DEMANDE BIOLOGIQUE**
[72] BRANDA, NEIL ROBIN, CA
[72] NOURMOHAMMADIAN, FARAHNAZ, CA
[72] GROSS, PETER, CA
[71] LUCENT BIOSCIENCES, INC., CA
[85] 2020-11-09
[86] 2019-05-17 (PCT/CA2019/050684)
[87] (WO2019/218089)
[30] US (62/673,691) 2018-05-18
[30] US (62/771,801) 2018-11-27

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[51] **Int.Cl. H03G 9/00 (2006.01) G10L 19/26 (2013.01) G10L 19/02 (2013.01) H03G 9/02 (2006.01) H03G 9/24 (2006.01) H03G 9/30 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING AN AUDIO SIGNAL FOR REPLAY ON AN AUDIO DEVICE**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'UN SIGNAL AUDIO POUR UNE RELECTURE SUR UN DISPOSITIF AUDIO**
[72] CLARK, NICHOLAS R., GB
[71] MIMI HEARING TECHNOLOGIES GMBH, DE
[85] 2020-11-09
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[30] EP (18178873.8) 2018-06-20
[30] US (16/019,230) 2018-06-26
[30] US (16/244,727) 2019-01-10

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[51] **Int.Cl. C07K 7/00 (2006.01) C07K 7/64 (2006.01) C07K 14/02 (2006.01) C07K 17/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF HEPATITIS B INFECTION**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] WALSH, RENAE, AU
[72] LOCARNINI, STEPHEN, AU
[72] NETTER, HANS, AU
[72] FARQUHAR, RONALD, US
[71] CLEARB THERAPEUTICS LTD., MC
[71] MELBOURNE HEALTH, AU
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031483)
[87] (WO2019/217654)
[30] US (62/669,663) 2018-05-10

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[51] **Int.Cl. A61B 17/04 (2006.01) A61F 2/08 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SINGLE STRAND SELF-LOCKING SUSPENSION DEVICE FOR MEDICAL USE**
[54] **DISPOSITIF DE SUSPENSION AUTOBLOQUANT A SIMPLE FIL A USAGE MEDICAL**
[72] LI, XIANG, CH
[72] BACHMANN, ELIAS, CH
[72] SNEDEKER, JESS, CH
[71] ZURIMED TECHNOLOGIES AG, CH
[85] 2020-11-09
[86] 2019-05-12 (PCT/EP2019/062116)
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[30] EP (18172759.5) 2018-05-16

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[51] **Int.Cl. G06Q 20/08 (2012.01) G06Q 20/22 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METASTABLE BYZANTINE AGREEMENT**
[54] **ACCORD BYZANTIN METASTABLE**
[72] SEKNIQI, KEVIN, US
[72] YIN, MAOFAN, US
[72] VAN RENESSE, ROBBERT, US
[72] SIRER, EMIN GUN, US
[71] CORNELL UNIVERSITY, US
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031506)
[87] (WO2019/217669)
[30] US (62/669,734) 2018-05-10

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[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/06 (2006.01) C12M 1/12 (2006.01) C12M 1/34 (2006.01) C12M 1/42 (2006.01) C12M 3/00 (2006.01) C12M 3/02 (2006.01)**
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[54] **HOST-BIOME INTERACTIONS**
[54] **INTERACTIONS HOTE-BIOME**
[72] KERNS, S., JORDAN, US
[72] KARALIS, CATHERINE, US
[72] NAWROTH, JANNA, US
[72] VILLENAVE, REMI, US
[72] OBRIGEWITCH, JENIFER, US
[72] ROTH, DORIS, US
[72] SALMON, MICHAEL, US
[72] APOSTOLOU, ATHANASIA, US
[72] CONEGLIANO, DAVID, US
[71] EMULATE, INC., US
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031596)
[87] (WO2019/217732)
[30] US (62/669,156) 2018-05-09
[30] US (62/680,274) 2018-06-04

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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/06 (2012.01) G01V 1/40 (2006.01)**
[25] EN
[54] **MEASUREMENT OF POROELASTIC PRESSURE RESPONSE**
[54] **MESURE DE REPONSE DE PRESSION POROELASTIQUE**
[72] ROUSSEL, NICOLAS PATRICK, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031633)
[87] (WO2019/217762)
[30] US (62/669,065) 2018-05-09
[30] US (62/669,077) 2018-05-09

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[51] **Int.Cl. E21B 47/06 (2012.01) E21B 33/124 (2006.01)**
[25] EN
[54] **UBIQUITOUS REAL-TIME FRACTURE MONITORING**
[54] **SURVEILLANCE DE FRACTURE EN TEMPS REEL OMNIPRESENTE**
[72] ROUSSEL, NICOLAS PATRICK, US
[72] LIANG, YUEMING, US
[72] FANG, ZIJUN, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031634)
[87] (WO2019/217763)
[30] US (62/669,065) 2018-05-09
[30] US (62/669,077) 2018-05-09

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[13] A1
[51] **Int.Cl. A61L 27/48 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **NANOFIBER-HYDROGEL COMPOSITES FOR CELL AND TISSUE DELIVERY**
[54] **COMPOSITES NANOFIBRES-HYDROGEL POUR L'ADMINISTRATION DE CELLULES ET DE TISSUS**
[72] REDDY, SASHANK, US
[72] MARTIN, RUSSELL, US
[72] LI, XIAOWEI, US
[72] CHANG, CALVIN, US
[72] COLBERT, KEVIN, US
[72] MAO, HAI-QUAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[86] 2019-05-09 (PCT/US2019/031636)
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[13] A1
[51] **Int.Cl. A61L 27/48 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **NANOFIBER-HYDROGEL COMPOSITES FOR ENHANCED SOFT TISSUE REPLACEMENT AND REGENERATION**
[54] **COMPOSITES DE NANOFIBRES-HYDROGEL POUR LE REMPLACEMENT ET LA REGENERATION AMELIORES DE TISSUS MOUS**
[72] MARTIN, RUSSELL, US
[72] REDDY, SASHANK, US
[72] COLBERT, KEVIN, US
[72] MAO, HAI-QUAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2020-11-06
[86] 2019-05-09 (PCT/US2019/031638)
[87] (WO2019/217767)
[30] US (62/669,307) 2018-05-09

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 8/00 (2006.01) G06F 3/01 (2006.01) G06K 9/00 (2006.01) G06K 9/32 (2006.01) A61B 34/10 (2016.01) A61B 90/00 (2016.01) A61B 90/50 (2016.01) A61B 8/08 (2006.01)**
[25] EN
[54] **LIVE 3D HOLOGRAPHIC GUIDANCE AND NAVIGATION FOR PERFORMING INTERVENTIONAL PROCEDURES**
[54] **GUIDAGE HOLOGRAPHIQUE 3D EN DIRECT ET NAVIGATION POUR REALISER DES PROCEDURES D'INTERVENTION**
[72] YANOF, JEFFREY H., US
[72] WEST, KARL, US
[72] AL-NIMER, SARA, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2020-11-06
[86] 2019-05-10 (PCT/US2019/031688)
[87] (WO2019/217795)
[30] US (16/405,875) 2019-05-07

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[51] **Int.Cl. G01S 17/02 (2020.01) G01J 9/04 (2006.01) G01S 17/00 (2020.01) G01S 17/06 (2006.01) G01S 17/42 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **LIDAR SYSTEM BASED ON LIGHT MODULATOR AND COHERENT RECEIVER FOR SIMULTANEOUS RANGE AND VELOCITY MEASUREMENT**
[54] **SYSTEME LIDAR BASE SUR MODULATEUR DE LUMIERE ET RECEPTEUR COHERENT POUR MESURE SIMULTANEE DE DISTANCE ET DE VITESSE**
[72] SANDBORN, PHILLIP, US
[72] LIN, SEN, US
[71] OURS TECHNOLOGY, INC., US
[85] 2020-11-06
[86] 2019-05-10 (PCT/US2019/031767)
[87] (WO2019/217850)
[30] US (62/669,803) 2018-05-10
[30] US (62/669,808) 2018-05-10
[30] US (62/669,801) 2018-05-10

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[13] A1
[51] **Int.Cl. A61K 31/706 (2006.01) A61K 31/455 (2006.01) A61K 31/7004 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INCREASING NAD LEVEL IN MAMMALS WITH D-RIBOSE AND VITAMIN B3**
[54] **METHODES ET COMPOSITIONS POUR AUGMENTER LE TAUX DE NAD CHEZ LE MAMMIFERE A L'AIDE DE D-RIBOSE ET DE VITAMINE B3**
[72] XUE, YONGQUAN, US
[71] BIOENERGY LIFE SCIENCE, INC., US
[85] 2020-11-06
[86] 2019-05-10 (PCT/US2019/031889)
[87] (WO2019/217935)
[30] US (62/669,962) 2018-05-10
[30] US (62/756,405) 2018-11-06

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[51] **Int.Cl. C07D 403/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL SALTS OF PYRIMIDINE DERIVATIVES AND METHOD OF TREATING DISORDERS**
[54] **SELS PHARMACEUTIQUES DE DERIVES DE PYRIMIDINE ET METHODE DE TRAITEMENT D'AFFECTIONS**
[72] DURAK, LANDON J., US
[72] LANGSTON, MARIANNE, US
[72] SHARMA, PRADEEP KUMAR, US
[72] NGUYEN, THAI HIEP, US
[72] LI, SHUANGLIAN, US
[72] ZHANG, XIAOGUANG, US
[71] ARIAD PHARMACEUTICALS, INC., US
[85] 2020-11-06
[86] 2019-05-13 (PCT/US2019/032002)
[87] (WO2019/222093)
[30] US (62/671,166) 2018-05-14
[30] US (62/671,182) 2018-05-14

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[13] A1
[51] **Int.Cl. B60P 7/08 (2006.01) A44B 11/12 (2006.01)**
[25] EN
[54] **RATCHETLESS TIE-DOWN ASSEMBLIES AND RELATED METHODS**
[54] **ENSEMBLES DE RETENUE SANS CLIQUET ET PROCEDES ASSOCIES**
[72] FOUNTAIN III, FRED LIDEN, US
[71] FOUNTAIN III, FRED LIDEN, US
[85] 2020-11-06
[86] 2019-05-13 (PCT/US2019/032031)
[87] (WO2019/217968)
[30] US (62/670,009) 2018-05-11

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[54] **SMALL MOLECULE INHIBITORS OF THE NUCLEAR TRANSLOCATION OF ANDROGEN RECEPTOR FOR THE TREATMENT OF CASTRATION-RESISTANT PROSTATE CANCER**
[54] **INHIBITEURS A PETITES MOLECULES DE LA TRANSLOCATION NUCLEAIRE DU RECEPTEUR DES ANDROGENES POUR TRAITER LE CANCER DE LA PROSTATE RESISTANT A LA CASTRATION**
[72] WIPF, PETER, US
[72] JOHNSON, JAMES K., US
[72] SKODA, ERIN M., US
[72] NELSON, JOEL B., US
[72] WANG, ZHOU, US
[72] TAI, SERENE, US
[72] TAKUBO, KEITA, US
[72] MILLIGAN, JOHN, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **PORTABLE MICROFLUDIC SYSTEM FOR BIOLOGICAL AND ANALYTICAL TESTING**
[54] **SYSTEME MICROFLUIDIQUE PORTATIF POUR TEST BIOLOGIQUE ET ANALYTIQUE**
[72] MADOU, MARC, US
[72] PEREBIKOVSKY, ALEXANDRA, US
[72] LIU, YUJIA, US
[72] KIDO, HORACIO, US
[72] CHURCHMAN, SCOTT ADAM, US
[72] HALFORD, COLIN WYNN, US
[71] MICROBEDX INC., US
[71] THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHODS FOR MICROBIAL IDENTIFICATION IN CLINICAL SPECIMENS BY DIFFERENTIAL RIBOSOMAL RNA PROBE HYBRIDIZATION**
[54] **PROCEDES D'IDENTIFICATION MICROBIENNE DANS DES ECHANTILLONS CLINIQUES PAR HYBRIDATION DE SONDE D'ARN RIBOSOMAL DIFFERENTIEL**
[72] CHURCHILL, BERNARD, US
[72] CHURCHMAN, SCOTT ADAM, US
[72] HAAKE, DAVID ARNOLD, US
[72] HALFORD, COLIN WYNN, US
[72] KNAUF, ROGER, US
[72] MONTI, GABRIEL, US
[71] MICROBEDX INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **METHODS FOR ESTIMATING MICROBIAL DENSITY IN SPECIMENS BY MEASUREMENT OF RIBOSOMAL RNA**
[54] **PROCEDES D'ESTIMATION DE LA DENSITE MICROBIENNE DANS DES SPECIMENS PAR MESURE D'ARN RIBOSOMIQUE**
[72] CHURCHILL, BERNARD, US
[72] CHURCHMAN, SCOTT ADAM, US
[72] HAAKE, DAVID ARNOLD, US
[72] HALFORD, COLIN WYNN, US
[72] KNAUF, ROGER, US
[72] MONTI, GABRIEL, US
[72] SCOTT, VICTORIA, US
[71] MICROBEDX INC., US
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[54] **DISTRIBUTEUR DE SERVIETTES EN ROULEAUX**
[72] STARKEY, MICHAEL M., US
[71] BRADLEY FIXTURES CORPORATION, US
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[54] **HOUSING FOR MULTIPLE VALVES**
[54] **BOITIER POUR VANNES MULTIPLES**
[72] PFUND, RYAN, US
[72] DAI, HEMING, US
[71] BRADLEY FIXTURES CORPORATION, US
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[54] **MEASURING ELEMENT AND MEASURING DEVICE COMPRISING THE SAME**
[54] **ELEMENT DE MESURE ET DISPOSITIF DE MESURE LE COMPRENANT**
[72] CHEN, FANG, CN
[72] LI, BAOGANG, CN
[72] FADELL, PAUL, US
[71] ROSEMOUNT INC., US
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[54] **SEED DRILL WITH DEPTH CONTROL MEANS ON THE FERTILISER COULTER**
[54] **SEMOIR DOTE D'UN MOYEN DE JAUGE SUR LE SOC D'ENGRAIS**
[72] BERGERFURTH, DENNIS, DE
[72] GOTZEN, CHRISTIAN, DE
[72] GEBBEKEN, MARTIN, DE
[71] LEMKEN GMBH & CO KG, DE
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[54] **SPATIAL CONSTRUCTION USING GUIDED SURFACE DETECTION**
[54] **CONSTRUCTION SPATIALE UTILISANT UNE DETECTION DE SURFACE GUIDEE**
[72] SHEFFIELD, MASON E., US
[71] LOWE'S COMPANIES, INC., US
[85] 2020-11-06
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[25] EN
[54] **ELECTRODE STRUCTURES FOR MICRO-VALVES FOR USE IN JETTING ASSEMBLIES**
[54] **STRUCTURES A ELECTRODES POUR MICRO-VANNES DESTINEES A ETRE UTILISEES DANS DES ENSEMBLES DE PROJECTION**
[72] BUSKIRK, WILLIAM A., US
[72] FLEGO, STEVEN E., US
[72] HALUZAK, CHARLES C., US
[72] WHITLOCK, JOHN, US
[72] MILLER, ERIC R., US
[72] LEIGHTON, GLENN J.T., GB
[72] GILSON, CHARLES, US
[71] MATTHEWS INTERNATIONAL CORPORATION, US
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[54] **MODULATEURS DE L'EXPRESSION D'APOL1**
[72] FREIER, SUSAN M., US
[71] IONIS PHARMACEUTICALS, INC, US
[85] 2020-11-06
[86] 2019-05-21 (PCT/US2019/033244)
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[51] **Int.Cl. C07C 13/20 (2006.01) A61K 31/196 (2006.01) C07C 211/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING TACTILE DYSFUNCTION, ANXIETY, AND SOCIAL IMPAIRMENT**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE REDUIRE UN DYSFONCTIONNEMENT TACTILE, L'ANXIETE ET UNE DEFICIENCE SOCIALE**
[72] GINTY, DAVID D., US
[72] OREFICE, LAUREN L., US
[72] LEE, JINBO, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2020-11-06
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[25] EN
[54] **THYROID HORMONE RECEPTOR AGONISTS AND USES THEREOF**
[54] **AGONISTES DU RECEPTEUR DE L'HORMONE THYROIDIENNE ET UTILISATIONS ASSOCIEES**
[72] JIN, BOHAN, US
[72] DONG, QING, US
[72] HUNG, GENE, US
[71] FRONTHERA U.S. PHARMACEUTICALS LLC, US
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[54] **MASP-2 INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS DE MASP -2 ET PROCEDES D'UTILISATION**
[72] METZ, MARKUS, US
[72] GOLDSTEIN, SARA REBECCA, US
[72] KESHIPEDDY, SANTOSH KUMAR, US
[72] KWON, DO YEON, US
[72] LEMUS, ROBERT HUERTA, US
[72] VADDELA, SUDHEER BABU, US
[72] CUTSHALL, NEIL S., US
[72] GAGE, JENNIFER LYNN, US
[72] GRUSWITZ, FRANZ A., US
[72] KHALAF, JUHIENAH, US
[72] LITTLE, THOMAS L., US
[72] NGUYEN, JEREMIAH H., US
[72] NOLLERT VON SPECHT, PETER KURT, US
[72] TSOUNG, JENNIFER, US
[72] CICIRELLI, MICHAEL, US
[71] OMEROS CORPORATION, US
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[54] **BLOWING AGENT COMPOSITIONS FOR INSULATING FOAMS**
[54] **COMPOSITIONS D'AGENT GONFLANT POUR MOUSSES ISOLANTES**
[72] HAN, XIANGMIN, US
[72] BRAMMER, S. THOMAS, US
[72] FABIAN, BARBARA ANN, US
[72] WEEKLEY, MITCHELL ZANE, US
[72] THOMAS, JEFFREY, US
[72] BOUDREAUX, CHASE, US
[72] DELAVIZ, YADOLLAH (DECEASED), US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2020-11-06
[86] 2019-05-29 (PCT/US2019/034382)
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[51] **Int.Cl. A61C 7/00 (2006.01) A61C 13/00 (2006.01) A61C 13/097 (2006.01)**
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[54] **METHODS OF DIGITALLY DESIGNING ARTIFICIAL TEETH**
[54] **PROCEDES DE CONCEPTION NUMERIQUE DE DENTS ARTIFICIELLES**
[72] HASAN, MD ABU, US
[72] STUPPLEBEEN, ROBERT K., US
[71] DENTSPLY SIRONA INC., US
[85] 2020-11-06
[86] 2019-05-31 (PCT/US2019/034844)
[87] (WO2019/232327)
[30] US (62/679,093) 2018-06-01

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[51] **Int.Cl. A61C 17/02 (2006.01) A61C 5/40 (2017.01)**
[25] EN
[54] **MULTI PORT ENDODONTIC IRRIGATION NEEDLE**
[54] **AIGUILLE D'IRRIGATION ENDODONTIQUE A ORIFICES MULTIPLES**
[72] SHOTTON, VINCENT W., US
[72] WILKINSON, KEVIN L., US
[71] DENTSPLY SIRONA INC., US
[85] 2020-11-06
[86] 2019-05-31 (PCT/US2019/034875)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **MODULATING ANTIBODY DEPENDENT CELLULAR PHAGOCYTOSIS**
[54] **MODULATION DE LA PHAGOCYTOSE CELLULAIRE DEPENDANT DE L'ANTICORPS**
[72] KUHNS, SCOTT T., US
[72] SHU, JUNYAN, US
[72] ZHANG, QINGCHUN, US
[71] AMGEN INC., US
[85] 2020-11-06
[86] 2019-06-05 (PCT/US2019/035643)
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[51] **Int.Cl. G16H 10/60 (2018.01) G06F 16/16 (2019.01)**
[25] EN
[54] **ELECTRONIC HEALTH RECORD INTEROPERABILITY TOOL**
[54] **OUTIL D'INTEROPERABILITE DE DOSSIER MEDICAL ELECTRONIQUE**
[72] SELVAGGI, RICHARD R., US
[71] SELVAGGI, RICHARD R., US
[85] 2020-11-06
[86] 2019-06-07 (PCT/US2019/035977)
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[51] **Int.Cl. F23D 11/38 (2006.01) F02M 61/16 (2006.01) F23D 11/24 (2006.01)**
[25] EN
[54] **PRE-SWIRL PRESSURE ATOMIZING TIP**
[54] **POINTE D'ATOMISATION A PRESSION DE PRE-TOURBILLONNEMENT**
[72] NIEMEYER, SANDER G., US
[72] PYLE, DEKE R., US
[71] WOODWARD, INC., US
[85] 2020-11-06
[86] 2019-06-10 (PCT/US2019/036286)
[87] (WO2019/241108)
[30] US (16/005,371) 2018-06-11

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[51] **Int.Cl. H01L 27/18 (2006.01) G06N 10/00 (2019.01) H01L 39/22 (2006.01)**
[25] EN
[54] **MAGNETIC FLUX SOURCE SYSTEM**
[54] **SYSTEME DE SOURCE DE FLUX MAGNETIQUE**
[72] FERGUSON, DAVID GEORGE, US
[72] NOVIKOV, SERGEY S., US
[72] PRZYBYSZ, ANTHONY JOSEPH, US
[72] HINKEY, ROBERT T., US
[72] PESETSKI, AARON A., US
[72] ZICK, KENNETH M., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **ULTRASONIC FAUCET**
[54] **ROBINET A ULTRASONS**
[72] TRACY, ADAM, US
[71] SPECTRUM BRANDS, INC., US
[85] 2020-11-06
[86] 2019-06-18 (PCT/US2019/037653)
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[30] US (62/686,142) 2018-06-18

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/02 (2006.01) A61K 38/07 (2006.01) A61K 38/08 (2019.01)**
[25] EN
[54] **METHODS OF MANUFACTURING AMINO ACID COMPOSITIONS**
[54] **PROCEDES DE FABRICATION DE COMPOSITIONS D'ACIDES AMINES**
[72] HANLON, THOMAS, US
[72] YAMAMOTO, RALPH, US
[72] KWOK, DENISE K., US
[72] ROTHENBERG, DANIEL, US
[72] WOOD, ANDREW M., US
[71] AXCELLA HEALTH INC., US
[85] 2020-11-06
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[30] US (62/687,725) 2018-06-20

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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) C07D 231/40 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **TAIRE FAMILY KINASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE KINASE DE LA FAMILLE TAIRE ET UTILISATIONS CORRESPONDANTES**
[72] GRAY, NATHANAEL S., US
[72] FERGUSON, FLEUR M., US
[72] DOCTOR, ZAINAB M., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2020-11-06
[86] 2019-06-24 (PCT/US2019/038677)
[87] (WO2020/005807)
[30] US (62/689,551) 2018-06-25

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[51] **Int.Cl. F16K 11/044 (2006.01) F16K 31/06 (2006.01) F16K 31/08 (2006.01)**
[25] EN
[54] **MAGNETIC LATCHING SOLENOID VALVE**
[54] **CLAPET SOLENOIDE A VERROUILLAGE MAGNETIQUE**
[72] HO, THANH, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2020-11-06
[86] 2019-07-12 (PCT/US2019/041506)
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[30] US (16/034,819) 2018-07-13

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[51] **Int.Cl. A01K 61/13 (2017.01) A01K 63/04 (2006.01) C02F 3/34 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND COMPOSITION FOR INCUBATING SPORES FOR USE IN AQUACULTURE, AGRICULTURAL, WASTEWATER, AND ENVIRONMENTAL REMEDIATION APPLICATIONS**
[54] **SYSTEME, PROCEDE ET COMPOSITION POUR INCUBER DES SPORES DESTINEES A ETRE UTILISEES DANS DES APPLICATIONS D'AQUACULTURE, D'AGRICULTURE, D'EAUX USEES ET DE REMEDIATION ENVIRONNEMENTALE**
[72] GREENWALD, CHARLES, US
[72] JONES, IVY, US
[72] KNOPE, JOHN, US
[71] NCH CORPORATION, US
[85] 2020-11-06
[86] 2019-08-27 (PCT/US2019/048250)
[87] (WO2020/046870)
[30] US (62/724,392) 2018-08-29
[30] US (16/549,140) 2019-08-23

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[13] A1
[51] **Int.Cl. H01H 23/04 (2006.01) H01H 23/14 (2006.01) H02G 3/14 (2006.01) H05B 47/19 (2020.01)**
[25] EN
[54] **CONTROL DEVICE BASE THAT ATTACHES TO THE PADDLE ACTUATOR OF A MECHANICAL SWITCH**
[54] **BASE DE DISPOSITIF DE COMMANDE QUI SE FIXE A L'ACTIONNEUR A PALETTE D'UN COMMUTATEUR MECANIQUE**
[72] SHIVELL, WILLIAM TAYLOR, US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2020-11-06
[86] 2019-11-07 (PCT/US2019/060277)
[87] (WO2020/097337)
[30] US (62/756,637) 2018-11-07
[30] US (62/878,527) 2019-07-25

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[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01)**
[25] EN
[54] **PANEL STRUCTURE OF A RANGE HOOD**
[54] **STRUCTURE DE PANNEAU DE HOTTE D'ASPIRATION**
[72] XU, ZHINENG, CN
[72] YU, TING, CN
[71] NINGBO FOTILE KITCHEN WARE CO., LTD., CN
[85] 2020-11-09
[86] 2019-03-13 (PCT/CN2019/077987)
[87] (WO2019/223404)
[30] CN (201820787997.3) 2018-05-24

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 4/00 (2006.01)**
[25] EN
[54] **PRESSURE COMPENSATION SYSTEM FOR A ROTARY DRILLING TOOL STRING WHICH INCLUDES A ROTARY STEERABLE COMPONENT**
[54] **SYSTEME DE COMPENSATION DE PRESSION POUR UN TRAIN D'OUTILS DE FORAGE ROTATIF QUI COMPREND UN COMPOSANT ROTATIF ORIENTABLE**
[72] PREGEANT, MICHAEL, US
[72] LANNING, CURTIS, US
[72] SEUTTER, DAN, US
[71] DOUBLEBARREL DOWNHOLE TECHNOLOGIES LLC, US
[85] 2020-11-09
[86] 2019-04-30 (PCT/US2019/029959)
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[30] US (15/975,481) 2018-05-09

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[51] **Int.Cl. H04W 72/04 (2009.01)**
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[72] ZHANG, XI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **POPULATIONS DE CELLULES ET EXPRESSION GENIQUE ASSOCIEES A LA DIFFERENCIATION DE CELLULES BETA IN VITRO**
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[72] VERES, ADRIAN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **COMPOSE DE DEFACTINIB DEUTERE ET SON UTILISATION**
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[72] LI, YU, CN
[72] WEN, KUN, CN
[72] LI, XINGHAI, CN
[72] CHEN, YUANWEI, CN
[71] HINOVA PHARMACEUTICALS INC., CN
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[54] **FIBER OPTICAL CONNECTOR**
[54] **CONNECTEUR DE FIBRE OPTIQUE**
[72] CRAWFORD, WILLIAM, US
[72] CARAPELLA, PETER A., US
[72] MONTENA, NOAH, US
[72] CARPENTER, TOM, US
[71] PPC BROADBAND, INC., US
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[54] **PAGING MESSAGE TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE MESSAGE DE RADIORECHERCHE**
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[72] HUANG, HUANG, CN
[72] SHAO, HUA, CN
[72] YAN, MAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ADDITIF DE REGULATION D'ARGILE POUR FLUIDES DE PUITS DE FORAGE**
[72] TRAHAN, DAVID O., US
[71] TRAHAN, DAVID O., US
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[54] **FORMES CRISTALLINES DE CONJUGUES DE MEDICAMENT 1- (ACYLOXY) -ALKYLE CARBAMATE DE NAPROXENE ET DE PREGABALINE**
[72] AI, XINMIAO, CN
[72] XU, FENG, US
[72] LI, WEIDONG, CN
[72] CHEN, LI, CN
[71] XGENE PHARMACEUTICAL INC., KY
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[54] **DERIVES DE QUINAZOLINE EN TANT QU'AGENTS ANTITUMORAUX**
[72] ZHOU, DING, CN
[72] CHENG, ZIQIANG, CN
[71] SUZHOU ZANRONG PHARMA LIMITED, CN
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[54] **METHODS AND SYSTEMS FOR MULTI-STAGE ENCAPSULATION OF WASTES AND PRODUCTION THEREOF INTO AGGREGATE PRODUCTS**
[54] **PROCEDES ET SYSTEMES D'ENCAPSULATION DE DECHETS A ETAPES MULTIPLES ET LEUR PRODUCTION SOUS FORME D'AGREGATS**
[72] BLAND, ALAN E., US
[71] ASH MANAGEMENT ENGINEERING, INC., US
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[54] **METHOD FOR PRODUCING OLIGONUCLEIC ACID COMPOUND**
[54] **PROCEDE DE PRODUCTION DE COMPOSE D'ACIDE OLIGONUCLEIQUE**
[72] KOTOBUKI, YUTARO, JP
[72] URABE, FUMIYA, JP
[71] NIPPON SHINYAKU CO., LTD., JP
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[54] **ELECTRODE CATALYST, COMPOSITION FOR FORMING GAS DIFFUSION ELECTRODE, GAS DIFFUSION ELECTRODE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL STACK**
[54] **CATALYSEUR D'ELECTRODE, COMPOSITION POUR FORMER UNE ELECTRODE A DIFFUSION DE GAZ, ELECTRODE A DIFFUSION DE GAZ, ENSEMBLE MEMBRANE-ELECTRODE, ET EMPILEMENT DE PILES A COMBUSTIBLE**
[72] NAGAMORI, KIYOTAKA, JP
[72] NAKAMURA, YOKO, JP
[72] MIZUSAKI, TOMOTERU, JP
[72] SEKI, YASUHIRO, JP
[72] IGARASHI, HIROSHI, JP
[71] N.E. CHEMCAT CORPORATION, JP
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[54] **APPLICATOR AND SYSTEM FOR PHARMACEUTICAL PREPARATION AND METHOD OF USE**
[54] **APPLICATEUR ET SYSTEME POUR PREPARATION PHARMACEUTIQUE ET PROCEDE D'UTILISATION**
[72] BRINKMAN, HERBERT, US
[72] KOLENG, JOHN, US
[72] ALZENSTAT, ARON, US
[72] SKLAWER, ANDREW, US
[72] NAGAO, TATSURO, JP
[72] TAKAOKA, MASAYOSHI, JP
[71] BRICKELL BIOTECH, INC., US
[71] KAKEN PHARMACEUTICAL CO., LTD., JP
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[54] **MODULARIZED MENU PROVIDING SERVICE SYSTEM**
[54] **SYSTEME DE SERVICE DE FOURNITURE DE MENU MODULAIRE**
[72] YANG, SAHEON, KR
[71] YANG, SAHEON, KR
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[54] **BIORESPONSIVE HYDROGEL MATRIXES AND METHODS OF USE**
[54] **MATRICES D'HYDROGEL BIOSENSIBLES ET PROCEDES D'UTILISATION**
[72] GU, ZHEN, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **SYSTEMES ET PROCEDES D'EXPURGATION CROISEE**
[72] HERSHFIELD, JACOB, US
[72] WILSON, MICHAEL, US
[72] BELLIA, DANIEL, US
[71] AXON ENTERPRISE, INC., US
[85] 2020-11-09
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[54] **COMMANDE D'ENTRAINEMENT HYDRAULIQUE**
[72] HABERMAN, WILLIAM E., US
[72] YOUNG, CHRISTOPHER L., US
[72] ALGER, TIMOTHY J., US
[71] CLARK EQUIPMENT COMPANY, US
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[54] **CHILDPROOF STORAGE CONTAINER**
[54] **RECIPIENT DE STOCKAGE A L'EPREUVE DES ENFANTS**
[72] ELKIND, SANDRA, US
[72] AMANO, SHUICHI, US
[72] CREIGHTON, MICHAEL, US
[71] STO RESPONSIBLE, LLC, US
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[54] **CRYSTALLINE FORM OF S-APOMORPHINE**
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[72] SHAN, NING, US
[71] ACLIPSE ONE, INC., US
[85] 2020-11-09
[86] 2019-05-13 (PCT/US2019/032026)
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[54] **SYSTEM AND METHOD OF SOLIDS CONDITIONING IN A FILTRATION SYSTEM**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE MATIERES SOLIDES DANS UN SYSTEME DE FILTRATION**
[72] REID, TERENCE K., US
[71] AQUA-AEROBIC SYSTEMS, INC., US
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[54] **SYSTEMS AND METHODS FOR VENTILATION HUMIDIFICATION**
[54] **SYSTEMES ET PROCEDES D'HUMIDIFICATION PAR VENTILATION**
[72] NOVKOV, DONALD J., US
[71] COVIDIEN LP, US
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[54] **A COMPOSITION FOR TREATING OCULAR HYPEREMIA AND A METHOD FOR TREATING OCULAR HYPEREMIA WITH THE SAME**
[54] **COMPOSITION POUR LE TRAITEMENT DE L'HYPEREMIE OCULAIRE ET PROCEDE DE TRAITEMENT DE L'HYPEREMIE OCULAIRE AU MOYEN DE CELLE-CI**
[72] WHITCUP, SCOTT, US
[72] YANG, RONG, US
[72] NI, JINSONG, US
[71] CLOUDBREAK THERAPEUTICS LLC, US
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[54] **AJUSTEMENT DE SALINITE IN SITU POUR AMELIORER LES PERFORMANCES D'INJECTION D'EAU DANS DES GISEMENTS DE CARBONATE MOUILLES PAR DU PETROLE**
[72] AL-OTAIBI, MOHAMMED BADRI, SA
[72] CHA, DONG, KYU, SA
[72] AL-YOUSEF, ALI ABDALLAH, SA
[71] SAUDI ARABIAN OIL COMPPNY, SA
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[54] **COMPOSITIONS AND METHODS FOR REDUCING TACTILE DYSFUNCTION, ANXIETY, AND SOCIAL IMPAIRMENT**
[54] **COMPOSITIONS ET METHODES POUR REDUIRE UN DYSFONCTIONNEMENT TACTILE, L'ANXIETE ET UNE DEFICIENCE SOCIALE**
[72] GINTY, DAVID D., US
[72] OREFICE, LAUREN L., US
[72] LEE, JINBO, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **MOYENS DE RETENUE POUR VEHICULES AVEC BARRIERE AYANT UN MOUVEMENT DE ROTATION ET DE TRANSLATION**
[72] MUSHYNSKI, ALAN, US
[72] KIKSTRA, LEONARD, US
[72] SVEUM, MATTHEW, US
[71] RITE-HITE HOLDING CORPORATION, US
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[54] **SYSTEMS FOR ADDITIVE MANUFACTURING IN A CONTROLLED SHORT CIRCUIT WELDING SYSTEM**
[54] **SYSTEMES DE FABRICATION ADDITIVE DANS UN SYSTEME DE SOUDAGE PAR COURT-CIRCUIT COMMANDE**
[72] HUTCHISON, RICHARD MARTIN, US
[72] BATZLER, TODD GERALD, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **COMPOSITION DE BOISSON SANS SUCRE**
[72] KREGER, JOSEPH W., US
[72] MANGANAIS, CHRISTOPHER N., US
[71] STOKELY-VAN CAMP, INC., US
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[25] EN
[54] **BLOCK-BASED ADAPTIVE LOOP FILTER (ALF) DESIGN AND SIGNALING**
[54] **CONCEPTION ET SIGNALISATION DE FILTRE A BOUCLE ADAPTATIF (ALF) FONDE SUR DES BLOCS**
[72] KARCZEWICZ, MARTA, US
[72] GADDE, AKSHAY, US
[72] SEREGIN, VADIM, US
[72] CHIEN, WEI-JUNG, US
[71] QUALCOMM INCORPORATED, US
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[54] **PHOTOACTIVATING DEVICE FOR WASHING MACHINE**
[54] **DISPOSITIF DE PHOTOACTIVATION POUR MACHINE A LAVER**
[72] CHIEFFI, ANDRE, GB
[72] FULLER, LINSEY SARAH, GB
[72] GORCZYNSKA-COSTELLO, KATARZYNA, GB
[72] MOON, ANDREW PHILIP, GB
[72] SCIALLA, STEFANO, BE
[72] WAGNER, MATTHEW SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **MICRO-MOTEUR ELECTROSTATIQUE ET DISPOSITIFS DE TRANSFERT DE FORCE MICROMECANIQUE**
[72] MARSH, STEPHEN ALAN, US
[71] ENCITE LLC, US
[85] 2020-11-09
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[30] US (62/681,715) 2018-06-07
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[25] EN
[54] **A METHOD FOR MAKING SHEET LAMINATES FOR BEING PRE-PUNCHED TO A SHEET LID TO BE ATTACHED TO A CONTAINER**
[54] **PROCEDE DE FABRICATION DE STRATIFIES DE FEUILLE DESTINES A ETRE PRE-POINCONNES SUR UN COUVERCLE DE FEUILLE DESTINE A ETRE FIXE A UN RECIPIENT**
[72] MIDTIBY, STEEN, DK
[72] FOGTMANN, TORBEN, DK
[72] JOHANSEN, PETER, DK
[71] DANAPAK FLEXIBLES A/S, DK
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[54] **KRAS G12C INHIBITORS FOR TREATING CANCER**
[54] **INHIBITEURS DE KRAS G12C POUR LE TRAITEMENT DU CANCER**
[72] CHEN, JIAN, US
[72] TAMAYO, NURIA A., US
[72] LIU, LONGBIN, US
[72] WANG, HUI-LING, US
[72] LANMAN, BRIAN ALAN, US
[72] WURZ, RYAN PAUL, US
[72] SHIN, YOUNGSOOK, US
[72] CEE, VICTOR J., US
[71] AMGEN INC., US
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[54] **HIGH STRENGTH 6XXX AND 7XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 6XXX ET 7XXX HAUTE RESISTANCE ET LEURS PROCEDES DE FABRICATION**
[72] LEYVRAZ, DAVID, CH
[72] WAGSTAFF, SAMUEL R., US
[72] DESPOIS, AUDE, CH
[72] FLOREY, GUILLAUME, CH
[72] KAMAT, RAJEEV G., US
[72] BEZENCON, CYRILLE, CH
[71] NOVELIS INC., US
[85] 2020-11-09
[86] 2019-05-14 (PCT/US2019/032246)
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[30] US (62/671,701) 2018-05-15

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[51] **Int.Cl. G16H 20/17 (2018.01) A61M 5/14 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR CONTROLLING A PLURALITY OF DRUG LIBRARIES**
[54] **SYSTEME ET PROCEDES DE COMMANDE D'UNE PLURALITE DE BIBLIOTHEQUES DE MEDICAMENTS**
[72] MOSKAL, WITOLD, US
[71] FRESENIUS VIAL SAS, FR
[85] 2020-11-09
[86] 2019-04-04 (PCT/EP2019/058493)
[87] (WO2019/219291)
[30] US (62671350) 2018-05-14

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[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **AUTOMATIC PRIMING AND SCHEDULING FOR DIALYSIS SYSTEMS**
[54] **AMORCAGE ET PLANIFICATION AUTOMATIQUES POUR SYSTEMES DE DIALYSE**
[72] CRNKOVICH, MARTIN JOSEPH, US
[72] YUDS, DAVID, US
[72] WANG, FEI, US
[72] WANG, HAIYONG, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2020-11-09
[86] 2019-06-13 (PCT/US2019/036943)
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[30] US (16/009,810) 2018-06-15

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[51] **Int.Cl. H01G 9/20 (2006.01) H01L 31/02 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **A DYE-SENSITIZED SOLAR CELL UNIT, A PHOTOVOLTAIC CHARGER INCLUDING THE DYE-SENSITIZED SOLAR CELL UNIT AND A METHOD FOR PRODUCING THE SOLAR CELL UNIT**
[54] **UNITE DE CELLULE SOLAIRE SENSIBLE A UN COLORANT, CHARGEUR PHOTOVOLTAIQUE COMPRENANT L'UNITE DE CELLULE SOLAIRE SENSIBLE A UN COLORANT ET PROCEDE DE PRODUCTION DE L'UNITE DE CELLULE SOLAIRE**
[72] LINDSTROM, HENRIK, SE
[72] FILI, GIOVANNI, SE
[71] EXEGER OPERATIONS AB, SE
[85] 2020-11-09
[86] 2019-05-07 (PCT/EP2019/061728)
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[30] EP (18183590.1) 2018-07-16
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[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/08 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR RESPIRATORY EFFORT DETECTION UTILIZING SIGNAL DISTORTION**
[54] **SYSTEMES ET METHODES DE DETECTION D'EFFORT RESPIRATOIRE UTILISANT UNE DISTORSION DE SIGNAL**
[72] LI, KUN, US
[72] DONG, FENGDAN, US
[72] SANCHEZ, GABRIEL, US
[71] COVIDIEN LP, US
[85] 2020-11-09
[86] 2019-05-14 (PCT/US2019/032280)
[87] (WO2019/222258)
[30] US (62/671,063) 2018-05-14
[30] US (62/740,740) 2018-10-03

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[54] **DEEP NEURAL NETWORK BASED SPEECH ENHANCEMENT**
[54] **AMELIORATION DE LA PAROLE BASEE SUR UN RESEAU NEURONAL PROFOND**
[72] SIVARAMAN, GANESH, US
[72] KHOURY, ELIE, US
[71] PINDROP SECURITY, INC., US
[85] 2020-11-09
[86] 2019-06-14 (PCT/US2019/037142)
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[30] US (62/685,146) 2018-06-14

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[25] EN
[54] **SUBSETS OF HUMAN NATURAL KILLER CELLS WITH ENHANCED ANTIBODY-DIRECTED IMMUNE RESPONSES**
[54] **SOUS-ENSEMBLES DE CELLULES TUEUSES NATURELLES HUMAINES PRESENTANT DES REPONSES IMMUNITAIRES DIRIGEES CONTRE DES ANTICORPS AMELIOREES**
[72] DIPIERRO, GUY, US
[72] DOS SANTOS, GARY, US
[71] INDAPTA THERAPEUTICS, INC., US
[85] 2020-11-09
[86] 2019-05-14 (PCT/US2019/032318)
[87] (WO2019/222293)
[30] US (62/671,358) 2018-05-14

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[25] EN
[54] **UNIVERSAL INVERTED REACTOR AND METHOD FOR DESIGN AND MANUFACTURE OF UNIVERSAL INVERTED REACTOR**
[54] **REACTEUR INVERSE UNIVERSEL ET PROCEDE DE CONCEPTION ET DE FABRICATION D'UN REACTEUR INVERSE UNIVERSEL**
[72] RUSSELL, II, WILLIAM E., US
[72] BERGMAN, JOSHUA J., US
[72] CIRTAIN, JONATHAN W., US
[72] GRAMLICH, CRAIG D., US
[72] INMAN, JAMES B., US
[72] LEVASSEUR, MATTHEW P., US
[72] MILLER, JOSEPH K., US
[72] ZIEGLER, RYAN Z., US
[71] BWXT NUCLEAR ENERGY, INC., US
[85] 2020-11-09
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[30] US (62/688,255) 2018-06-21
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[25] EN
[54] **MIRROR SUPPORT FOR A COMPOSITE OPTICAL MIRROR AND METHOD FOR ITS PRODUCTION**
[54] **SUPPORT DE MIROIR POUR UN MIROIR OPTIQUE COMPOSE D'UN MATERIAU COMPOSITE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KINAST, JAN, DE
[72] RISSE, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2020-11-09
[86] 2019-05-08 (PCT/EP2019/061845)
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[25] EN
[54] **SUB-MICRON EMULSIONS**
[54] **EMULSIONS SUBMICRONIQUES**
[72] BUCHTA, RICHARD, AU
[72] HOULDEN, ROBERT, AU
[72] ROUGHAN, BILJANA, AU
[72] ANUVECHSIRIKIAT, SASAROS, AU
[71] FORMULYTICA PTY LTD, AU
[85] 2020-11-10
[86] 2019-05-09 (PCT/AU2019/050426)
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[25] EN
[54] **POWERED FASTENER DRIVING TOOL**
[54] **OUTIL ELECTRIQUE D'ENTRAINEMENT D'ELEMENT DE FIXATION**
[72] JABLONSKI, DAVID W., US
[72] LEE, JOEY, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2020-11-09
[86] 2019-05-15 (PCT/US2019/032428)
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[51] **Int.Cl. G01N 21/31 (2006.01) G01N 27/22 (2006.01) G01N 33/24 (2006.01) G01N 21/359 (2014.01) A01G 25/16 (2006.01) G01N 27/30 (2006.01) G01N 27/403 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR IN SITU SOIL ANALYSIS**
[54] **DISPOSITIFS ET PROCEDES D'ANALYSE DE SOL IN SITU**
[72] GRABBERT, NIELS, DE
[72] ROTH, DOMINIC, DE
[71] STENON GMBH, DE
[85] 2020-11-09
[86] 2019-05-08 (PCT/EP2019/061870)
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[30] DE (10 2018 111 336.6) 2018-05-11

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[51] **Int.Cl. E04F 21/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **A TILE SPACING PLATE FOR LIPPAGE CONTROL**
[54] **PLAQUE D'ESPACEMENT DE CARREAU POUR CONTROLE D'IRREGULARITE DE SURFACE**
[72] PSAILA, ANDY, AU
[71] ATR PLASTICS PTY LTD, AU
[85] 2020-11-10
[86] 2019-05-10 (PCT/AU2019/050432)
[87] (WO2019/213711)
[30] AU (2018901618) 2018-05-11

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[51] **Int.Cl. A01M 23/00 (2006.01) A01M 23/24 (2006.01) A01M 23/34 (2006.01)**
[25] EN
[54] **PEST CONTROL DEVICE MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE DISPOSITIF DE LUTTE ANTIPARASITAIRE**
[72] DRAKE, RYAN JOSEPH, US
[72] GARDNER, DOUGLAS BRIAN, US
[72] CARLSON, BRANDON MATTHEW, US
[72] LANZ, JOSHUA, US
[71] ECOLAB USA INC., US
[85] 2020-11-09
[86] 2019-05-15 (PCT/US2019/032459)
[87] (WO2019/222378)
[30] US (62/671,552) 2018-05-15
[30] US (16/392,358) 2019-04-23

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[51] **Int.Cl. G06F 8/00 (2018.01) G06F 21/10 (2013.01) G06F 8/34 (2018.01) G06F 8/60 (2018.01) G06F 16/23 (2019.01) G06F 16/27 (2019.01)**
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[54] **DISTRIBUTED LEDGER PLATFORM FOR COMPUTING APPLICATIONS**
[54] **PLATE-FORME DE REGISTRE DISTRIBUE POUR APPLICATIONS INFORMATIQUES**
[72] EKSTEN, BRICK, CA
[72] WHITE, CRAIG, CA
[72] PALMER, SCOTT, CA
[72] BELME, FRANK, CA
[72] LI, STEPHEN, CA
[72] SACEANU, CRISTIAN, CA
[71] IMAGINE COMMUNICATIONS CORP., US
[85] 2020-11-10
[86] 2019-05-10 (PCT/CA2019/050628)
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[51] **Int.Cl. A01N 63/00 (2020.01) C12N 15/113 (2010.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PEST CONTROL COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE LUTTE CONTRE LES NUISIBLES ET LEURS UTILISATIONS**
[72] VAN ROOIJEN, MARIA HELENA CHRISTINE, US
[72] MARTIN, BARRY ANDREW, US
[72] TAM, HOK HEI, US
[72] FRIEDLANDER, JONATHAN, US
[72] MARTINEZ, IGNACIO, US
[72] NUKOLOVA, NATALIYA VLADIMIROVNA, US
[72] SCHWIZER, SIMON, US
[72] CABANILLAS, DANIEL GARCIA, US
[71] FLAGSHIP PIONEERING INNOVATIONS VI, LLC, US
[85] 2020-11-09
[86] 2019-05-15 (PCT/US2019/032460)
[87] (WO2019/222379)
[30] US (62/671,942) 2018-05-15
[30] US (62/676,142) 2018-05-24

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[51] **Int.Cl. C30B 33/00 (2006.01) C30B 29/46 (2006.01)**
[25] EN
[54] **PASSIVATION OF NANOCRYSTALS TAILORED TO DIFFERENT FACETS, AND ITS APPLICATION TO OPTOELECTRONIC DEVICES**
[54] **PASSIVATION DE NANOCRISTAUX ADAPTEE A DIFFERENTES FACETTES ET SON APPLICATION A DES DISPOSITIFS OPTOELECTRONIQUES**
[72] KIM, YOUNGHOON, KR
[72] CHE, FANGLIN, US
[72] JO, JEA WOONG, KR
[72] CHOI, JONGMIN, KR
[72] GARCIA DE ARQUER, FRANCISCO PELAYO, CA
[72] HOOGLAND, SJOERD, CA
[72] SARGENT, EDWARD H., CA
[71] QD SOLAR INC., CA
[85] 2020-11-10
[86] 2019-05-14 (PCT/CA2019/050648)
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[30] US (62/671,145) 2018-05-14

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[51] **Int.Cl. C07K 16/12 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **PATHOGEN CONTROL COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE LUTTE CONTRE LES AGENTS PATHOGENES ET LEURS UTILISATIONS**
[72] VAN ROOIJEN, MARIA HELENA CHRISTINE, US
[72] MARTIN, BARRY ANDREW, US
[72] TAM, HOK HEI, US
[72] MARTINEZ, IGNACIO, US
[72] NUKOLOVA, NATALIYA VLADIMIROVNA, US
[72] SCHWIZER, SIMON, US
[72] CABANILLAS, DANIEL GARCIA, US
[71] FLAGSHIP PIONEERING INNOVATIONS VI, LLC, US
[85] 2020-11-09
[86] 2019-05-15 (PCT/US2019/032473)
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[30] US (62/672,022) 2018-05-15

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[51] **Int.Cl. A61F 5/00 (2006.01) A61B 17/00 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **ENHANCED TECHNIQUES FOR INSERTION AND EXTRACTION OF A BOUGIE DURING GASTROPLASTY**
[54] **TECHNIQUES AMELIOREES POUR L'INTRODUCTION ET L'EXTRACTION D'UNE BOUGIE PENDANT UNE GASTROPLASTIE**
[72] GAGNER, MICHEL, CA
[71] BALLAST MEDICAL INC., CA
[85] 2020-11-10
[86] 2019-05-15 (PCT/CA2019/050656)
[87] (WO2019/218066)
[30] US (62/671,713) 2018-05-15

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[51] **Int.Cl. C12N 15/10 (2006.01) C04B 20/04 (2006.01)**
[25] EN
[54] **METHODS AND REAGENTS FOR RESOLVING NUCLEIC ACID MIXTURES AND MIXED CELL POPULATIONS AND ASSOCIATED APPLICATIONS**
[54] **PROCEDES ET REACTIFS POUR RESOUDRE DES MELANGES D'ACIDES NUCLEIQUES ET DES POPULATIONS DE CELLULES MELANGEES ET APPLICATIONS ASSOCIEES**
[72] SALK, JESSE J., US
[72] VALENTINE, CHARLES CLINTON, III, US
[72] DANAHER, PATRICK, US
[72] LO, FANG YIN, US
[71] TWINSTRAND BIOSCIENCES, INC., US
[85] 2020-11-09
[86] 2019-05-16 (PCT/US2019/032755)
[87] (WO2019/222560)
[30] US (62/672,573) 2018-05-16
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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
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[54] **TREATMENT OF CANCER**
[54] **TRAITEMENT DU CANCER**
[72] ABDULLAH, SHAAD ESSA, US
[72] GUPTA, ASHOK KUMAR, US
[72] SONG, XUYANG, US
[71] MEDIMMUNE LIMITED, GB
[71] INNATE PHARMA, FR
[85] 2020-11-09
[86] 2019-05-14 (PCT/EP2019/062305)
[87] (WO2019/219658)
[30] US (62/671,521) 2018-05-15

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[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/087 (2006.01) A61B 5/091 (2006.01) A61M 16/10 (2006.01) A61M 16/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PULSATILE DELIVERY OF NITRIC OXIDE**
[54] **PROCEDE ET APPAREIL D'ADMINISTRATION PULSEE D'OXYDE NITRIQUE**
[72] SHAH, PARAG, US
[72] DEKKER, MARTIN, US
[72] LEONARD, WILLIAM, US
[72] ZUZEVICIUS, DONATAS, US
[71] BELLEROPHON THERAPEUTICS, US
[85] 2020-11-09
[86] 2019-05-17 (PCT/US2019/032887)
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[30] US (62/672,867) 2018-05-17

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[51] **Int.Cl. A24C 5/01 (2020.01) A24F 40/30 (2020.01) A24F 40/42 (2020.01) A24F 40/465 (2020.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING AEROSOL GENERATING ARTICLES**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'ARTICLES DE GENERATION D'AEROSOL**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] BRVENIK, LUBOS, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-11-09
[86] 2019-05-15 (PCT/EP2019/062484)
[87] (WO2019/224072)
[30] EP (18173406.2) 2018-05-21
[30] EP (18173398.1) 2018-05-21
[30] EP (18173404.7) 2018-05-21
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[51] **Int.Cl. E21B 7/10 (2006.01) E21B 7/04 (2006.01) E21B 7/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **IN-SITU DOWNHOLE MEASUREMENT CORRECTION AND CONTROL**
[54] **CORRECTION ET COMMANDE DE MESURE DE FOND DE TROU IN SITU**
[72] WHITACRE, TIMOTHY, US
[72] WHITE, MATTHEW A., US
[72] PIPATWIT, PONG, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2020-11-09
[86] 2019-05-18 (PCT/US2019/033015)
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[30] US (62/673,320) 2018-05-18

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[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **AN AEROSOL GENERATING ARTICLE, A METHOD FOR MANUFACTURING AN AEROSOL GENERATING ARTICLE AND AN AEROSOL GENERATING SYSTEM**
[54] **ARTICLE DE GENERATION D'AEROSOL, PROCEDE DE FABRICATION D'UN ARTICLE DE GENERATION D'AEROSOL ET SYSTEME DE GENERATION D'AEROSOL**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] BRVENIK, LUBOS, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-11-09
[86] 2019-05-15 (PCT/EP2019/062496)
[87] (WO2019/224073)
[30] EP (18173398.1) 2018-05-21
[30] EP (18173404.7) 2018-05-21
[30] EP (18173406.2) 2018-05-21
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[30] EP (18209147.0) 2018-11-29

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[51] **Int.Cl. A24F 40/465 (2020.01) A24F 40/50 (2020.01) A24F 40/57 (2020.01)**
[25] EN
[54] **AN INHALATION SYSTEM, AN INHALATION DEVICE AND A VAPOUR GENERATING ARTICLE**
[54] **SYSTEME D'INHALATION, DISPOSITIF D'INHALATION ET ARTICLE DE GENERATION DE VAPEUR**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] BRVENIK, LUBOS, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-11-09
[86] 2019-05-15 (PCT/EP2019/062510)
[87] (WO2019/224078)
[30] EP (18173398.1) 2018-05-21
[30] EP (18173404.7) 2018-05-21
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[51] **Int.Cl. C25C 7/02 (2006.01) C25C 1/12 (2006.01)**
[25] EN
[54] **IMPROVEMENT IN COPPER ELECTROREFINING**
[54] **AMELIORATION DE L'ELECTRORAFFINAGE DU CUIVRE**
[72] DE VISSCHER, YVES, BE
[72] VANDEVELDE, MARK, BE
[72] JERROUDI, RAFIK, BE
[72] COLETTI, BERT, BE
[72] GORIS, JAN DIRK A., BE
[72] GEENEN, CHARLES, BE
[71] METALLO BELGIUM, BE
[85] 2020-11-09
[86] 2019-05-16 (PCT/EP2019/062637)
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[30] EP (18172598.7) 2018-05-16

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 33/26 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/24 (2006.01) A61K 47/26 (2006.01) A61K 47/30 (2006.01) A61K 47/32 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **VETERINARY COMPOSITIONS AND THE USES THEREOF FOR CONTROLLING IRON DEFICIENCIES IN NON-HUMAN MAMMALS**
[54] **COMPOSITIONS VETERINAIRES ET LEURS UTILISATIONS POUR LUTTER CONTRE DES CARENCES EN FER CHEZ DES MAMMIFERES NON HUMAINS**
[72] GUIMBERTEAU, FLORENCE, FR
[72] KAREMBE, HAMADI, FR
[71] CEVA SANTE ANIMALE, FR
[85] 2020-11-09
[86] 2019-05-16 (PCT/EP2019/062700)
[87] (WO2019/219855)
[30] EP (18305607.6) 2018-05-16

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[51] **Int.Cl. G06F 16/2452 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSLATING NATURAL LANGUAGE SENTENCES INTO DATABASE QUERIES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE TRADUIRE DES PHRASES EN LANGAGE NATUREL EN REQUETES DE BASE DE DONNEES**
[72] TRAIAN, REBEDEA, RO
[72] ELENA, BURCEANU, RO
[72] FLORIN, BRAD, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **ELECTRONIC HAND STAMP**
[54] **TAMPON ELECTRONIQUE**
[72] BRETON, ALEX, SE
[71] COLOP DIGITAL GMBH, AT
[85] 2020-11-09
[86] 2019-06-25 (PCT/EP2019/066805)
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[54] **DOCKING STATION**
[54] **SOCLE**
[72] BRETON, ALEX, SE
[72] VOLKL, FRANZ, AT
[71] COLOP DIGITAL GMBH, AT
[85] 2020-11-09
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[54] **CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR D'ANTIGENE CHIMERE**
[72] PULE, MARTIN, GB
[72] KOKALAKI, EVANGELIA, GB
[72] CORDOBA, SHAUN, GB
[72] ONUOHA, SHIMOBI, GB
[72] THOMAS, SIMON, GB
[72] MA, BIAO, GB
[72] FERRARI, MATHIEU, GB
[71] AUTOLUS LIMITED, GB
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[30] GB (1807866.7) 2018-05-15
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[54] **METHODS AND SYSTEMS FOR IMPROVED THERAPY DELIVERY AND MONITORING**
[54] **PROCEDES ET SYSTEMES D'ADMINISTRATION ET DE SURVEILLANCE DE THERAPIE AMELIOREES**
[72] CUMMINS, RONAN PATRICK, GB
[72] MARTIN, ALAN JAMES, GB
[72] TABLAN, MIHAI VALENTIN, GB
[72] EWBANK, MICHAEL, GB
[71] IESO DIGITAL HEALTH LIMITED, GB
[85] 2020-11-09
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[30] GB (1808051.5) 2018-05-17
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[25] EN
[54] **PORTABLE DEVICE FOR SEMEN QUALITY CONTROL**
[54] **DISPOSITIF PORTABLE POUR LE CONTROLE DE LA QUALITE DU SPERME**
[72] BABEL, BELA TAMAS, HU
[71] ONGO VETTECH KFT., HU
[71] MICROFLUIDLABS KFT., HU
[85] 2020-11-09
[86] 2018-08-16 (PCT/HU2018/050035)
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[30] HU (U1800078) 2018-05-10

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[51] **Int.Cl. C01B 32/23 (2017.01) C01B 32/184 (2017.01) C01B 32/194 (2017.01)**
[25] EN
[54] **A METHOD FOR THE MANUFACTURE OF GRAPHENE OXIDE FROM ELECTRODE GRAPHITE SCRAP**
[54] **METHODE DE FABRICATION D'OXYDE DE GRAPHENE A PARTIR DE DECHETS DE GRAPHITE D'ELECTRODE**
[72] VU, THI TAN, ES
[72] ALVAREZ-ALVAREZ, ABEL, ES
[72] SUAREZ SANCHEZ, ROBERTO, ES
[71] ARCELORMITTAL, LU
[85] 2020-11-09
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[51] **Int.Cl. C01B 32/23 (2017.01) C01B 32/184 (2017.01) C01B 32/194 (2017.01)**
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[54] **A METHOD FOR THE MANUFACTURE OF REDUCED GRAPHENE OXIDE FROM ELECTRODE GRAPHITE SCRAP**
[54] **METHODE DE FABRICATION D'OXYDE DE GRAPHENE REDUIT A PARTIR DE DECHETS DE GRAPHITE D'ELECTRODE**
[72] VU, THI TAN, ES
[72] ALVAREZ-ALVAREZ, ABEL, ES
[72] SUAREZ SANCHEZ, ROBERTO, ES
[71] ARCELORMITTAL, LU
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[54] **UNDERWATER ACOUSTIC SOURCE AND ACTUATOR**
[54] **SOURCE ACOUSTIQUE SOUS-MARINE ET ACTIONNEUR**
[72] NAMS, DAINIS, CA
[72] NAMS, JANIS, CA
[72] JEFFERSON, ROBERT, CA
[72] ARMSTRONG, BRUCE A., CA
[71] GEOSPECTRUM TECHNOLOGIES INC, CA
[85] 2020-11-09
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[54] **NOVEL CROP NUTRITION AND FORTIFICATION COMPOSITION**
[54] **NOUVELLE COMPOSITION NUTRITIONNELLE ET FORTIFIANTE DE CULTURE**
[72] SAWANT, ARUN VITTHAL, IN
[72] VADAKEKUTTU, THANKAPAN, IN
[71] SAWANT, ARUN VITTHAL, IN
[71] VADAKEKUTTU, THANKAPAN, IN
[85] 2020-11-09
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[25] EN
[54] **INCREASING PLANT GROWTH AND YIELD BY USING A DUF2996 DOMAIN-CONTAINING PROTEIN**
[54] **AUGMENTATION DE LA CROISSANCE ET DE LA PRODUCTIVITE DES PLANTES PAR L'UTILISATION D'UNE PROTEINE CONTENANT UN DOMAINE DUF2996**
[72] BEGEMANN, MATTHEW, US
[71] BENSON HILL, INC., US
[85] 2020-11-09
[86] 2019-05-08 (PCT/IB2019/053796)
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[54] **SYSTEMS AND METHODS FOR SEALING MICRO-VALVES FOR USE IN JETTING ASSEMBLIES**
[54] **SYSTEMES ET PROCEDES D'ETANCHEITE DE MICRO-SOUPAPE A UTILISER DANS DES ENSEMBLES PRODUISANT UN JET**
[72] BUSKIRK, WILLIAM A., US
[72] FLEGO, STEVEN E., US
[72] HALUZAK, CHARLES C., US
[72] WHITLOCK, JOHN, US
[72] MILLER, ERIC R., US
[72] LEIGHTON, GLENN J.T., GB
[71] MATTHEWS INTERNATIONAL CORPORATION, US
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[86] 2019-05-09 (PCT/IB2019/053844)
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[54] **SYSTEM AND METHOD FOR USING V2X AND SENSOR DATA**
[54] **SYSTEME ET PROCEDE D'UTILISATION D'UNE COMMUNICATION V2X ET DE DONNEES DE CAPTEURS**
[72] KATZ, URIEL, IL
[72] SELA, OR, IL
[72] KREISLER, TAL, IL
[71] NOTRAFFIC LTD., IL
[85] 2020-11-09
[86] 2019-05-15 (PCT/IB2019/054006)
[87] (WO2019/220353)
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[51] **Int.Cl. H04B 10/61 (2013.01) H04B 10/54 (2013.01) H04B 10/556 (2013.01)**
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[54] **DIMENSIONAL TRANSFORMATION IN OPTICAL COMMUNICATION**
[54] **TRANSFORMATION BIDIRECTIONNELLE EN COMMUNICATION OPTIQUE**
[72] ROBERTS, KIM, CA
[72] KHANDANI, AMIR, CA
[72] OVEIS GHARAN, SHAHAB, CA
[72] REIMER, MICHAEL, CA
[72] O'SULLIVAN, MAURICE, CA
[71] CIENA CORPORATION, US
[85] 2020-11-09
[86] 2019-05-21 (PCT/IB2019/054204)
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[25] EN
[54] **SKATE BLADE HOLDER WITH BLADE ATTACHMENT MECHANISM**
[54] **PORTE-LAME DE PATIN A MECANISME DE FIXATION DE LAME**
[72] DAOUST, BERNARD, CA
[72] CHARTRAND, DANIEL, CA
[71] SPORT MASKA INC., CA
[85] 2020-11-10
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[25] EN
[54] **STERILE TOPICAL SALINE PUTRESCINE FORMULATION AND USES THEREOF**
[54] **FORMULATION DE PUTRESCINE SALINE TOPIQUE STERILE ET SES UTILISATIONS**
[72] VIVIER, GHISLAIN, CA
[71] VIVIER CANADA INC., CA
[85] 2020-11-10
[86] 2019-06-07 (PCT/CA2019/050805)
[87] (WO2019/232644)
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[51] **Int.Cl. A01D 87/12 (2006.01) A01D 90/08 (2006.01)**
[25] EN
[54] **A BALE TRANSPORTER AND A METHOD FOR TRANSPORTING BALES**
[54] **TRANSPORTEUR DE BALLES ET PROCEDE DE TRANSPORT DE BALLES**
[72] MALONE, MICHAEL FREDERICK, IE
[71] MALONE FARM MACHINERY LIMITED, IE
[85] 2020-11-09
[86] 2019-05-10 (PCT/IE2019/000005)
[87] (WO2019/215712)
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[54] **DEVICE AND METHOD FOR HERBS DISINFECTION**
[54] **DISPOSITIF ET PROCEDE DE DESINFECTION D'HERBES**
[72] LAM, AMNON, IL
[72] FUCHS, ELIEZER, IL
[71] NOVAGREEN TECHNOLOGIES LTD., IL
[85] 2020-11-09
[86] 2019-05-08 (PCT/IL2019/050525)
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[51] **Int.Cl. G16H 50/20 (2018.01)**
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[54] **COMPOSITIONS AND METHODS OF USING SAME FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (ALS)**
[54] **COMPOSITIONS ET LEURS METHODES D'UTILISATION POUR LE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE (SLA)**
[72] OVADIA, ERAN, IL
[71] IMMUNITY PHARMA LTD., IL
[85] 2020-11-09
[86] 2019-05-30 (PCT/IL2019/050619)
[87] (WO2019/229757)
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[54] **MITOGEN-ACTIVATED PROTEIN KINASE KINASE 7 INHIBITORS**
[54] **INHIBITEURS DE LA PROTEINE KINASE 7 ACTIVEE PAR MITOGENE**
[72] LONDON, NIR, IL
[72] SHRAGA, AMIT, IL
[72] OLSHVANG, EVGENIA, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2020-11-09
[86] 2019-06-04 (PCT/IL2019/050638)
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[54] **TERMINAL UTILISATEUR**
[72] HARADA, HIROKI, JP
[71] NTT DOCOMO, INC., JP
[85] 2020-11-09
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[25] EN
[54] **NOVEL MODULATOR OF METABOTROPIC AND IONOTROPIC TRANSMEMBRANE RECEPTORS AND USE THEREOF**
[54] **NOUVEAU MODULATEUR DE RECEPTEURS TRANSMEMBRANAIRES METABOTROPES ET INOTROPES ET SON UTILISATION**
[72] NEBOLSIN, VLADIMIR EVGENIEVICH, RU
[71] IBD THERAPEUTICS LLC, RU
[85] 2020-11-09
[86] 2019-05-07 (PCT/RU2019/050060)
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[51] **Int.Cl. A61M 37/00 (2006.01) B81B 1/00 (2006.01)**
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[54] **A MICRONEEDLE PATCH FOR TRANSDERMAL INJECTIONS**
[54] **TIMBRE A MICRO-AIGUILLES POUR INJECTIONS TRANSDERMIQUES**
[72] ZVEZDIN, VASILII NIKOLAEVICH, RU
[72] KASATKIN, IVAN ARKADEVICH, RU
[72] AKAFEVA, TATIANA IGOREVNA, RU
[71] LIMITED LIABILITY COMPANY «INDUSTRIAL COSMETIC LAB», RU
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[54] **MAC RESET PROCEDURES**
[54] **PROCEDURES DE REINITIALISATION DE MAC**
[72] DA SILVA, ICARO L. J., SE
[72] HOFSTROM, BJORN, SE
[72] CHRISTOFFERSSON, JAN, SE
[72] FOLKE, MATS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[86] 2019-04-29 (PCT/SE2019/050383)
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[51] **Int.Cl. A61K 38/06 (2006.01) A61K 31/4178 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **S-NITROSOGLUTATHIOME (GSNO) AND GSNO REDUCTASE INHIBITORS FOR USE IN THERAPY**
[54] **INHIBITEURS DE S-NITROSOGLUTATHIOME (GSNO) ET DE LA GSNO REDUCTASE UTILISABLES EN THERAPIE**
[72] SINGH, INDERJIT, US
[72] SINGH, AVTAR K., US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[71] DEPARTMENT FOR VETERANS AFFAIRS, US
[85] 2020-11-06
[86] 2018-05-08 (PCT/US2018/031622)
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[51] **Int.Cl. C08L 3/04 (2006.01) C08B 15/00 (2006.01) C08B 31/00 (2006.01) C08B 37/00 (2006.01) C08L 1/08 (2006.01) C08L 5/04 (2006.01) D21H 17/24 (2006.01) D21H 17/25 (2006.01) D21H 17/28 (2006.01) D21H 17/30 (2006.01) D21H 17/32 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **PAPER STRENGTH IMPROVING ADDITIVES, THEIR MANUFACTURE AND USE IN PAPER MAKING**
[54] **ADDITIFS AMELIORANT LA RESISTANCE DU PAPIER, LEUR FABRICATION ET LEUR UTILISATION DANS LA FABRICATION DU PAPIER**
[72] LU, CHEN, US
[72] RABIDEAU, JENNA, US
[71] KEMIRA OYJ, FI
[85] 2020-11-09
[86] 2018-05-14 (PCT/US2018/032509)
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[54] **MATTRESS LIFTING DEVICE**
[54] **DISPOSITIF DE LEVAGE DE MATELAS**
[72] GABBAY, DANIEL, US
[72] ADAMS, DAVID C., US
[72] SLUSAR, MARK RYAN, US
[71] PATIENT POSITIONING SYSTEMS, LLC, US
[85] 2020-11-09
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[25] EN
[54] **IMPROVED SELF-DESTRUCTIVE DOCUMENTS FOR INFORMATION SECURITY AND PRIVACY PROTECTION**
[54] **DOCUMENTS AUTO-DESTRUCTIFS AMELIORES POUR LA SECURITE D'INFORMATIONS ET LA PROTECTION DE LA VIE PRIVEE**
[72] ESMAIL, KEMAAL, US
[71] INVALUABLE INVENTIONS, US
[85] 2020-11-09
[86] 2018-06-06 (PCT/US2018/036336)
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[25] EN
[54] **MIMO RADAR SENSOR FOR MOTOR VEHICLES**
[54] **DETECTEUR RADAR A ENTREES ET SORTIES MULTIPLES (MIMO) POUR VEHICULES AUTOMOBILES**
[72] SCHOOR, MICHAEL, DE
[72] LOESCH, BENEDIKT, DE
[71] ROBERT BOSCH GMBH, DE
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[25] EN
[54] **METHOD FOR PHASE CALIBRATION OF HIGH-FREQUENCY COMPONENTS OF A RADAR SENSOR**
[54] **PROCEDE POUR L'ETALONNAGE DE PHASES DE COMPOSANTS HAUTE FREQUENCE D'UN CAPTEUR RADAR**
[72] SCHOOR, MICHAEL, DE
[72] MAYER, MARCEL, DE
[72] BAUR, KLAUS, DE
[72] LOESCH, BENEDIKT, DE
[71] ROBERT BOSCH GMBH, DE
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[51] **Int.Cl. E01H 11/00 (2006.01) A01M 21/04 (2006.01)**
[25] EN
[54] **A RAILWAY WEED CONTROL VEHICLE**
[54] **VEHICULE DE DESHERBAGE DE VOIE FERREE**
[72] JIMENEZ TARODO, SERGIO, DE
[72] KILIAN, MICHAEL, DE
[72] HADLOW, JAMES, GB
[72] GIRAUD, VIRGINIE, FR
[72] ARIANS, THOMAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[54] **PASSIVATION COMPOSITION BASED ON TRIVALENT CHROMIUM**
[54] **COMPOSITION DE PASSIVATION A BASE DE CHROME TRIVALENT**
[72] JADHAV, ADITI, IN
[72] KUMAR, GIRDHARI, IN
[72] THAKUR, PRIYA, IN
[72] LAD, ROSHAN TUKARAM, IN
[71] HENKEL AG & CO. KGAA, DE
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[25] EN
[54] **LINEAR POLYDIMETHYLSILOXANE-POLYOXYALKYLENE BLOCK COPOLYMERS OF THE STRUCTURAL TYPE ABA**
[54] **COPOLYMERES SEQUENCES DE POLYDIMETHYLSILOXANE ET DE POLYOXYALKYLENE DE STRUCTURE LINEAIRE DE TYPE ABA**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-11-10
[86] 2019-05-07 (PCT/EP2019/061639)
[87] (WO2019/219446)
[30] EP (18172882.5) 2018-05-17
[30] EP (18189075.7) 2018-08-15

[21] **3,099,861**
[13] A1
[51] **Int.Cl. C08G 77/08 (2006.01) C08G 77/10 (2006.01) C08G 77/14 (2006.01) C08G 77/46 (2006.01)**
[25] EN
[54] **LINEAR POLYDIMETHYLSILOXANE-POLYOXYALKYLENE BLOCK COPOLYMERS OF THE STRUCTURAL TYPE ABA**
[54] **COPOLYMERE SEQUENCE DE POLYDIMETHYLSILOXANE ET DE POLYOXYALKYLENE A STRUCTURE LINEAIRE DE TYPE ABA**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] HENNING, FRAUKE, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-11-10
[86] 2019-05-07 (PCT/EP2019/061655)
[87] (WO2019/219452)
[30] EP (18172876.7) 2018-05-17
[30] EP (18189074.0) 2018-08-15

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[13] A1
[51] **Int.Cl. C08G 75/00 (2006.01) C08G 75/14 (2006.01) C08L 81/04 (2006.01)**
[25] EN
[54] **ELASTOMERIC TERPOLYMERS WITH A HIGH SULFUR CONTENT AND PROCESS FOR THEIR PREPARATION**
[54] **TERPOLYMERES ELASTOMERES A HAUTE TENEUR EN SOUFRE ET LEUR PROCEDE DE PREPARATION**
[72] DE ANGELIS, ALBERTO RENATO, IT
[72] REGATTIERI, GIOVANNI, IT
[72] CARROZZA, CHIARA FRANCESCA, IT
[71] ENI S.P.A., IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2020-11-10
[86] 2019-05-10 (PCT/EP2019/062025)
[87] (WO2019/215319)
[30] IT (102018000005265) 2018-05-11

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR CLEARING HARQ CACHE DEVICE AND COMPUTER STROAGE MEDIUM**
[54] **PROCEDE D'EFFACEMENT DE MEMOIRE CACHE HARQ, DISPOSITIF, ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] SHI, CONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-11-10
[86] 2018-05-10 (PCT/CN2018/086331)
[87] (WO2019/213896)

[21] **3,099,867**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **DOWNLINK CHANNEL RECEIVING METHOD AND TERMINAL APPARATUS**
[54] **PROCEDE DE RECEPTION DE CANAL DE LIAISON DESCENDANTE ET APPAREIL TERMINAL**
[72] SHI, ZHIHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-11-10
[86] 2018-05-11 (PCT/CN2018/086564)
[87] (WO2019/213951)

[21] **3,099,868**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **SIGNAL TRANSMISSION METHOD, BASE STATION, AND NETWORK NODE**
[54] **PROCEDE DE TRANSMISSION DE SIGNAL, STATION DE BASE ET N□UD DE RESEAU**
[72] XU, WEIJIE, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-11-10
[86] 2018-05-11 (PCT/CN2018/086569)
[87] (WO2019/213952)

[21] **3,099,869**
[13] A1
[51] **Int.Cl. H04W 72/10 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING UPLINK SIGNAL, AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE SIGNAL DE LIAISON MONTANTE ET DISPOSITIF TERMINAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-11-10
[86] 2018-05-11 (PCT/CN2018/086611)
[87] (WO2019/213971)

[21] **3,099,870**
[13] A1
[51] **Int.Cl. C07C 237/42 (2006.01) A01N 37/22 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **BENZAMIDE COMPOUND AND APPLICATION THEREOF**
[54] **COMPOSE BENZAMIDE ET SON APPLICATION**
[72] ZHANG, LIXIN, CN
[72] ZHANG, JING, CN
[72] ZHANG, XIHAN, CN
[72] GAO, YIXING, CN
[72] WANG, JIE, CN
[72] KANG, ZHUO, CN
[71] SHENYANG UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
[85] 2020-11-10
[86] 2019-05-07 (PCT/CN2019/085737)
[87] (WO2019/214588)
[30] CN (201810448081.X) 2018-05-11

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[13] A1
[51] **Int.Cl. F16D 65/00 (2006.01) F16D 65/092 (2006.01)**
[25] FR
[54] **FRICTION ASSEMBLY FOR A DISC BRAKE SYSTEM ABLE TO FILTER A GASEOUS PHASE RESULTING FROM THE FRICTION OF A LINING**
[54] **ENSEMBLE A FRICTION POUR SYSTEME DE FREIN A DISQUES APTE A FILTRER UNE PHASE GAZEUSE ISSUE DE LA FRICTION D'UNE GARNITURE**
[72] ADAMCZAK, LOIC, FR
[72] ROCCA-SERRA, CHRISTOPHE, FR
[71] TALLANO TECHNOLOGIE, FR
[85] 2020-11-09
[86] 2019-04-24 (PCT/FR2019/050968)
[87] (WO2019/215402)
[30] FR (18 53966) 2018-05-09

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[13] A1
[51] **Int.Cl. C25B 1/08 (2006.01) C25B 9/20 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROVIDING AT LEAST ONE PRODUCT STREAM BY ELECTROLYSIS AND USE**
[54] **PROCEDE ET DISPOSITIF POUR LA FOURNITURE D'AU MOINS UN COURANT DE PRODUIT PAR ELECTROLYSE AINSI QUE LEUR UTILISATION**
[72] KLINK, STEFAN, DE
[72] POLCYN, GREGOR DAMIAN, DE
[72] BAUMGARD, FLORIAN, DE
[72] PAUSCH, JORG, DE
[72] DAHLHUES, KLAUS, DE
[72] BERGS, DOMINIK, DE
[71] THYSSENKRUPP UHDE CHLORINE ENGINEERS GMBH, DE
[85] 2020-11-10
[86] 2019-05-28 (PCT/EP2019/063722)
[87] (WO2019/229019)
[30] DE (10 2018 208 624.9) 2018-05-30

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[13] A1
[51] **Int.Cl. C08K 5/544 (2006.01) C08G 77/388 (2006.01) C08K 5/57 (2006.01)**
[25] EN
[54] **CURABLE SILICONE COMPOSITIONS**
[54] **COMPOSITIONS DE SILICONE DURCISSABLES**
[72] KLEIN, JOHANN, DE
[72] HEMERY, THERESE, DE
[72] BOUDET, HELENE, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-11-10
[86] 2019-05-17 (PCT/EP2019/062824)
[87] (WO2019/219918)
[30] EP (18173234.8) 2018-05-18
[30] EP (18194659.1) 2018-09-14
[30] EP (18209573.7) 2018-11-30

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[13] A1
[51] **Int.Cl. C08K 5/544 (2006.01) C08G 77/388 (2006.01) C08K 5/57 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITIONS COMPRISING ADHESION PROMOTERS**
[54] **COMPOSITIONS DURCISSABLES COMPRENANT DES PROMOTEURS D'ADHERENCE**
[72] HEMERY, THERESE, DE
[72] KLEIN, JOHANN, DE
[72] POELITZ, SILVANA, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-11-10
[86] 2019-05-17 (PCT/EP2019/062828)
[87] (WO2019/219922)
[30] EP (18173234.8) 2018-05-18
[30] EP (18194659.1) 2018-09-14
[30] EP (18209573.7) 2018-11-30

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[13] A1
[51] **Int.Cl. C07D 239/54 (2006.01) A01N 43/54 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF ETHYL 2-[2-[2-CHLORO-4-FLUORO-5-[3-METHYL-2,6-DIOXO-4-(TRIFLUOROMETHYL)PYRIMIDIN-1-YL]PHENOXY]PHENOXY]ACETATE**
[54] **FORME CRISTALLINE DE 2-[2-[2-CHLORO-4-FLUORO-5-[3-METHYL-2,6-DIOXO-4-(TRIFLUOROMETHYL)PYRIMIDIN-1-YL]PHENOXY]PHENOXY]ACETATE D'ETHYLE**
[72] VIERTELHAUS, MARTIN, DE
[72] HELLMANN, ROLF, DE
[72] SEISER, TOBIAS, DE
[72] ZAGAR, CYRILL, US
[72] ARMEL, GREGORY, US
[72] STEINBRENNER, ULRICH, DE
[71] BASF SE, DE
[85] 2020-11-10
[86] 2019-05-29 (PCT/EP2019/064020)
[87] (WO2019/238427)
[30] EP (18177514.9) 2018-06-13

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[13] A1
[51] **Int.Cl. C09D 183/06 (2006.01) C08G 77/14 (2006.01) C08G 77/16 (2006.01) C08G 77/18 (2006.01) C08G 77/382 (2006.01) C08G 77/388 (2006.01) C08K 5/544 (2006.01) C08K 5/57 (2006.01) C08L 83/06 (2006.01) C08L 83/08 (2006.01) C09D 183/08 (2006.01) C09J 183/06 (2006.01) C09J 183/08 (2006.01)**
[25] EN
[54] **ENDCAPPED CURABLE POLYORGANOSILOXANES**
[54] **POLYORGANOSILOXANES DURCISSABLES A EXTREMITES COIFFEES**
[72] HEMERY, THERESE, DE
[72] BOUDET, HELENE, DE
[72] KLEIN, JOHANN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-11-10
[86] 2019-05-17 (PCT/EP2019/062837)
[87] (WO2019/219927)
[30] EP (18173234.8) 2018-05-18
[30] EP (18194659.1) 2018-09-14
[30] EP (18209573.7) 2018-11-30

[21] **3,099,877**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM AND A METHOD OF TRANSPORTING STORAGE CONTAINERS BETWEEN AN AUTOMATED STORAGE AND RETRIEVAL GRID AND A SECOND LOCATION**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE ET PROCEDE DE TRANSPORT DE CONTENANTS DE STOCKAGE ENTRE UNE GRILLE DE STOCKAGE ET DE RECUPERATION AUTOMATISEE ET UN SECOND EMPLACEMENT**
[72] AUSTRHEIM, TROND, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-10
[86] 2019-06-11 (PCT/EP2019/065166)
[87] (WO2019/238652)
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19

[21] **3,099,878**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **A DELIVERY VEHICLE, AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM AND A METHOD OF TRANSPORTING STORAGE CONTAINERS BETWEEN AN AUTOMATED STORAGE AND RETRIEVAL GRID AND A SECOND LOCATION**
[54] **VEHICULE DE LIVRAISON, SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE ET PROCEDE DE TRANSPORT DE CONTENANTS DE STOCKAGE ENTRE UNE GRILLE DE STOCKAGE ET DE RECUPERATION AUTOMATISEE ET UN DEUXIEME EMPLACEMENT**
[72] AUSTRHEIM, TROND, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-10
[86] 2019-06-11 (PCT/EP2019/065153)
[87] (WO2019/238645)
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **EXPRESS BIN LIFT FOR AUTOMATED STORAGE SYSTEM**
[54] **ELEVATEUR EXPRESS SUR CASIERS POUR SYSTEME DE STOCKAGE AUTOMATISE**
[72] AUSTRHEIM, TROND, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-10
[86] 2019-06-11 (PCT/EP2019/065177)
[87] (WO2019/238659)
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19
[30] NO (20181569) 2018-12-05

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[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 9/19 (2006.01) A61P 1/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] YUILLE, SAM, GB
[72] SAVIGNAC, HELENE, GB
[72] AHMED, SUAAD, GB
[72] REID, SARAH, GB
[72] MULDER, IMKE, GB
[72] REICHARDT, NICOLE, GB
[72] RAFTIS, EMMA, GB
[72] ETTORRE, ANNA, GB
[72] LENNON, GRAINNE, GB
[71] 4D PHARMA RESEARCH LTD, GB
[85] 2020-11-03
[86] 2019-06-14 (PCT/EP2019/065784)
[87] (WO2019/238969)
[30] EP (PCT/EP2018/065808) 2018-06-14
[30] EP (18179634.3) 2018-06-25
[30] GB (1905014.5) 2019-04-09

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[13] A1
[51] **Int.Cl. A61L 2/18 (2006.01) A61L 2/00 (2006.01) A61L 2/14 (2006.01)**
[25] EN
[54] **DISINFECTION METHOD USING A DISINFECTION AGENT FORMED IN SITU BY REACTION OF H2O2 AND NO2-**
[54] **PROCEDE DE DESINFECTION AVEC UNE SUBSTANCE ACTIVE DE DESINFECTION COMPOSEE IN SITU PAR REACTION DE H2O2 ET DE NO2-**
[72] SCHMIDT-BLEKER, ANSGAR, DE
[72] WINTER, JORN, DE
[72] WELTMANN, KLAUS-DIETER, DE
[72] BENDT, HANNES, DE
[71] LEIBNIZ-INSTITUT FUR PLASMAFORSCHUNG UND TECHNOLOGIE E.V., DE
[85] 2020-11-10
[86] 2019-05-17 (PCT/EP2019/062897)
[87] (WO2019/219959)
[30] EP (PCT/EP2018/063226) 2018-05-18

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **A METHOD OF OPERATING AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE**
[72] HEGGEBO, JORGEN DJUVE, NO
[72] MAEHLE, OLE ALEXANDER, NO
[72] MATRE, SYNNOVE, NO
[72] FAGERLAND, INGVAR, NO
[72] STUHAUG, RAGNAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-10
[86] 2019-06-11 (PCT/EP2019/065201)
[87] (WO2019/238670)
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19
[30] NO (20181039) 2018-08-02
[30] NO (20181098) 2018-08-21

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[13] A1
[51] **Int.Cl. C09K 8/588 (2006.01)**
[25] FR
[54] **BREAKABLE POLYMERS FOR THE ASSISTED RECOVERY OF HYDROCARBONS**
[54] **POLYMERES SECABLES POUR LA RECUPERATION ASSISTEE D'HYDROCARBURES**
[72] DELFORT, BRUNO, FR
[72] BENOIT, YVES, FR
[72] BARDIN, VERONIQUE, FR
[72] HENAUT, ISABELLE, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2020-11-10
[86] 2019-06-19 (PCT/EP2019/066255)
[87] (WO2020/002105)
[30] FR (1855631) 2018-06-25

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[13] A1
[51] **Int.Cl. A47B 3/00 (2006.01) A47B 9/00 (2006.01) A47C 4/00 (2006.01) F16B 7/12 (2006.01) F16M 11/28 (2006.01)**
[25] EN
[54] **FOLDABLE CHAIR AND FOLDABLE TABLE**
[54] **CHAISE PLIANTE ET TABLE PLIANTE**
[72] ZAIFMAN, YOSEF, IL
[71] ZAIFMAN, YOSEF, IL
[85] 2020-11-10
[86] 2019-04-18 (PCT/IB2019/053238)
[87] (WO2019/220233)
[30] US (62/670,807) 2018-05-13

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[13] A1
[51] **Int.Cl. E04B 1/80 (2006.01) E04B 1/76 (2006.01) E04C 2/296 (2006.01) E04D 12/00 (2006.01) E04D 13/16 (2006.01) E04B 1/74 (2006.01)**
[25] EN
[54] **HEAT INSULATING ELEMENT, BUILDING CONSTRUCTION AND METHOD FOR AVOIDING MOISTURE DAMAGE AT A BUILDING**
[54] **ELEMENT D'ISOLATION THERMIQUE, CONSTRUCTION DE BATIMENT ET PROCEDE EMPECHANT LA DETERIORATION DUE A L'HUMIDITE AU NIVEAU D'UN BATIMENT**
[72] WORCH, ANATOL, DE
[71] SAINT-GOBAIN ISOVER, FR
[85] 2020-11-10
[86] 2019-05-22 (PCT/EP2019/063230)
[87] (WO2019/224257)
[30] DE (10 2018 112 260.8) 2018-05-22

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[13] A1
[51] **Int.Cl. B64D 15/12 (2006.01) B64C 11/00 (2006.01) H01F 38/18 (2006.01)**
[25] FR
[54] **AIRCRAFT PROPULSION ASSEMBLY PROVIDED WITH A ROTARY TRANSFORMER FOR SUPPLYING THE BLADES WITH ELECTRICAL ENERGY**
[54] **ENSEMBLE PROPULSIF POUR AERONEF MUNI D'UN TRANSFORMATEUR TOURNANT D'ALIMENTATION DES PALES EN ENERGIE ELECTRIQUE**
[72] SANTIN, MATHIEU JEAN JACQUES, FR
[72] BECK, GUILLAUME JULIEN, FR
[72] MOREAU DE LIZOREUX, ALDRIC RENAUD GABRIEL MARIE, FR
[72] MORELLI, BORIS PIERRE MARCEL, FR
[72] CHASTAGNIER, JEAN-MICHEL BERNARD PAUL, FR
[72] TURCHI, THOMAS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN ELECTRICAL & POWER, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2020-11-06
[86] 2019-04-04 (PCT/FR2019/050795)
[87] (WO2019/215399)
[30] FR (1853921) 2018-05-07

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[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/34 (2006.01) A61K 8/42 (2006.01) A61K 8/67 (2006.01) A61K 8/86 (2006.01) A61Q 19/10 (2006.01) C11D 1/00 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/48 (2006.01) C11D 3/60 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **FOAM SANITIZER COMPOSITION**
[54] **COMPOSITION DE DESINFECTANT SOUS FORME DE MOUSSE**
[72] FUOCO, DOMENICO, CA
[71] PROTAIR-X HEALTH SOLUTIONS, INC., CA
[85] 2020-11-10
[86] 2019-05-09 (PCT/IB2019/053849)
[87] (WO2019/215679)
[30] US (62/669,902) 2018-05-10

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/505 (2006.01) A61K 31/65 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING RAPIDLY OR VERY RAPIDLY DISSOLVING TABLETS COMPRISING FREELY SOLUBLE API**
[54] **PROCEDE DE PREPARATION DE COMPRIMES A DISSOLUTION RAPIDE OU TRES RAPIDE, COMPRENANT UN API LIBREMENT SOLUBLE**
[72] WERNER, VERONICA, AT
[72] SCHUSTER, ANKE, AT
[72] BUXBAUM, STEPHANIE, DE
[71] SANDOZ AG, CH
[85] 2020-11-10
[86] 2019-07-25 (PCT/EP2019/070014)
[87] (WO2020/020999)
[30] EP (18186196.4) 2018-07-27
[30] EP (19159736.8) 2019-02-27

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[13] A1
[51] **Int.Cl. F01D 11/24 (2006.01) F28F 9/00 (2006.01)**
[25] FR
[54] **DEVICE FOR COOLING A TURBOMACHINE HOUSING**
[54] **DISPOSITIF DE REFROIDISSEMENT D'UN CARTER DE TURBOMACHINE**
[72] SILET, BENOIT GUILLAUME, FR
[72] DESCAMPS, LAURENT CLAUDE, FR
[72] PELLATON, BERTRAND GUILLAUME ROBIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2020-11-10
[86] 2019-05-28 (PCT/FR2019/051258)
[87] (WO2019/229377)
[30] FR (1854643) 2018-05-30

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/445 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) A61P 23/02 (2006.01) A61P 25/04 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE POLYMER DEPOTS FOR THE CONTROLLED RELEASE OF THERAPEUTIC AGENTS**
[54] **DEPOTS IMPLANTABES POUR LA LIBERATION CONTROLEE D'AGENTS THERAPEUTIQUES**
[72] NAGA, KARUN D., US
[72] GIFFORD, HANSON S., III, US
[72] BOYD, STEPHEN W., US
[72] RUANE, PATRICK H., US
[72] HANCOCK, JACKIE JOE, US
[72] FELDSTEIN, MICHAEL, US
[72] TEU, KOON KIAT, SG
[72] WANG, HONGLEI, SG
[72] LUO, JINGNAN, SG
[72] SEET, DANIEL BOON LIM, US
[72] LEE, WEI LI, US
[72] MOKARRAM-DORRI, NASSIREDDIN, US
[71] FOUNDRY THERAPEUTICS, INC., US
[85] 2020-11-10
[86] 2019-04-11 (PCT/US2019/027104)
[87] (WO2019/221853)
[30] US (62/670,721) 2018-05-12
[30] US (62/723,478) 2018-08-28
[30] US (62/742,357) 2018-10-06
[30] US (PCT/US2018/054777) 2018-10-06
[30] US (PCT/US2019/012795) 2019-01-08

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[54] **APPARATUS AND SYSTEM FOR USE IN CONSTRUCTION TO ASSIST IN SUPPORTING SUSPENDED CONCRETE**
[54] **SYSTEME ET APPAREIL DESTINES A ETRE UTILISES EN CONSTRUCTION POUR FACILITER LE SUPPORT DE BETON SUSPENDU**
[72] CALLANAN, KEITH ANTHONY, AU
[72] COOTE, EAMUS PAUL, AU
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2020-11-10
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[30] AU (2018900187) 2018-01-21

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[54] **COMPOSITION HAVING ANTIMICROBIAL ACTIVITY**
[54] **COMPOSITION PRESENTANT UNE ACTIVITE ANTIMICROBIENNE**
[72] ZANINI, ALESSANDRO, IT
[72] VELLANTE, MARCO, IT
[72] SODO, EUGENIO, IT
[72] CAVALLO, GIOVANNI, IT
[72] FOSCHINI, FULVIO, IT
[71] OFFHEALTH S.P.A., IT
[85] 2020-11-10
[86] 2019-05-10 (PCT/IB2019/053888)
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[30] IT (102018000005309) 2018-05-11

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER**
[72] CHANTEUX, STEPHANIE, FR
[72] GAUTHIER, LAURENT, FR
[72] GOURDIN, NICOLAS, FR
[72] PATUREL, CARINE, FR
[72] PERROT, IVAN, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
[85] 2020-11-10
[86] 2019-06-17 (PCT/EP2019/065877)
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[30] US (62/686,165) 2018-06-18

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[25] EN
[54] **SLIDING DEVICE FOR A VEHICLE SEAT**
[54] **DISPOSITIF DE COULISSEMENT POUR UN SIEGE DE VEHICULE**
[72] SPAGNOLI, LUIGI, IT
[72] USTUNBERK, CAN, IT
[71] MARTUR ITALY S.R.L., IT
[85] 2020-11-10
[86] 2019-04-17 (PCT/IB2019/053167)
[87] (WO2019/224624)
[30] IT (102018000005731) 2018-05-25

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[25] EN
[54] **HEARING PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION AUDITIVE**
[72] GINGUENAUD, CLEMENT, FR
[72] SICRE, AMAURY, FR
[72] CHABANNE, ALOIS, FR
[72] PRELY, NICOLAS, FR
[71] MSA EUROPE GMBH, CH
[85] 2020-11-10
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[25] EN
[54] **TEXTILE ARTICLE FOR MOTORCYCLIST PROTECTIVE CLOTHING**
[54] **ARTICLE TEXTILE POUR VETEMENT DE PROTECTION DE MOTOCYCLISTE**
[72] PRIAMI, CHRISTIAN, IT
[72] SCHIOCCHETTO, SIMONE, IT
[71] MANIFATTURA PRI.MA.TEX S.R.L., IT
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[25] EN
[54] **COATING NOZZLE AND COATING DEVICE**
[54] **BUSE DE REVETEMENT ET DISPOSITIF DE REVETEMENT**
[72] ODA, KOJI, JP
[72] RYU, HIDEKAZU, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2020-11-10
[86] 2019-05-09 (PCT/JP2019/018545)
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[25] EN
[54] **RESIN MATERIAL, AQUEOUS SOLUTION, AND ADHESIVE**
[54] **MATERIAU EN RESINE, SOLUTION AQUEUSE ET ADHESIF**
[72] FUKUHARA, TADAHITO, JP
[72] TANIDA, TATSUYA, JP
[71] KURARAY CO., LTD., JP
[85] 2020-11-10
[86] 2019-05-24 (PCT/JP2019/020609)
[87] (WO2019/225731)
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[25] EN
[54] **CONNECTING CLIENT DEVICES TO ANONYMOUS SESSIONS VIA HELPERS**
[54] **CONNEXION DE DISPOSITIFS CLIENTS A DES SESSIONS ANONYMES VIA DES ASSISTANTS**
[72] FROST, SIMON, US
[72] CHARNELL, WILLIAM THOMAS GEORGE, US
[72] INNES, ANDREW, US
[71] CITRIX SYSTEMS, INC., US
[85] 2020-11-10
[86] 2019-05-02 (PCT/US2019/030394)
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[25] EN
[54] **ANTI-HUMAN TLR7 ANTIBODY**
[54] **ANTICORPS ANTI-TLR7 HUMAIN**
[72] MIYAKE, KENSUKE, JP
[72] MURAKAMI, YUSUKE, JP
[72] MOTOI, YUJI, JP
[72] KANNO, ATSUO, JP
[72] SHIMIZU, TOSHIYUKI, JP
[72] OHTO, UMEHARU, JP
[72] SHIMOZATO, TAKAICHI, JP
[72] MANNO, ATSUSHI, JP
[72] KAGARI, TAKASHI, JP
[72] ISHIGURO, JUN, JP
[72] NAKAMURA, KENSUKE, JP
[72] ISOBE, TAKASHI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[71] THE UNIVERSITY OF TOKYO, JP
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[86] 2019-05-30 (PCT/JP2019/021466)
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[25] EN
[54] **SOLID DISPERSION COMPRISING AN ANTICANCER COMPOUND WITH IMPROVED SOLUBILITY AND EFFICACY**
[54] **DISPERSION SOLIDE COMPRENANT UN COMPOSE ANTICANCEREUX AYANT UNE SOLUBILITE ET UNE EFFICACITE AMELIOREES**
[72] BHARATE, SONALI SANDIP, IN
[72] KUMAR, VIKAS, IN
[72] MINTOO, MUBASHIR JAVED, IN
[72] MONDHE, DILIP MANIKRAO, IN
[72] BHARATE, SANDIP BIBISHAN, IN
[72] VISHWAKARMA, RAM, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[86] 2019-06-14 (PCT/IN2019/050454)
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[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF SKIN CONDITIONS**
[54] **COMPOSITIONS PERMETTANT LE TRAITEMENT D'AFFECTIONS CUTANEES**
[72] WAGNER, PAUL, US
[71] FORTE SUBSIDIARY, INC., US
[85] 2020-11-10
[86] 2019-05-02 (PCT/US2019/030444)
[87] (WO2019/217203)
[30] US (62/670,341) 2018-05-11
[30] US (62/703,737) 2018-07-26

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[51] **Int.Cl. C07F 9/6574 (2006.01) A61K 31/7084 (2006.01) C07H 19/213 (2006.01)**
[25] EN
[54] **SALTS OF COMPOUNDS AND CRYSTALS THEREOF**
[54] **SELS DE COMPOSES ET CRISTAUX DE CEUX-CI**
[72] NIIJIMA, JUN, JP
[72] KURODA, HIROFUMI, JP
[72] YASUI, SO, JP
[72] ITO, YOKO, JP
[72] KUSHIDA, IKUO, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2020-11-10
[86] 2019-08-14 (PCT/JP2019/031951)
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[51] **Int.Cl. C07K 14/78 (2006.01) A23J 1/10 (2006.01) A23J 3/34 (2006.01) A61K 8/64 (2006.01) A61K 38/39 (2006.01) C07K 14/465 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING COLLAGEN**
[54] **PROCEDES DE PRODUCTION DE COLLAGENE**
[72] ELNAJJAR, ALI, US
[72] MOURAD, ALI, US
[72] BRANDT, MARK ERNST, US
[72] LIPPELT, CHRISTOPHER, US
[71] AVICENNA NUTRACETICAL, LLC, US
[71] ELNAJJAR, ALI, US
[71] MOURAD, ALI, US
[71] BRANDT, MARK ERNST, US
[71] LIPPELT, CHRISTOPHER, US
[85] 2020-11-10
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[25] EN
[54] **NOVEL STRAIN HAVING PROPHYLACTIC OR THERAPEUTIC EFFECT ON CANCER**
[54] **NOUVELLE SOUCHE AYANT UN EFFET PROPHYLACTIQUE OU THERAPEUTIQUE SUR LE CANCER**
[72] PARK, HANSOO, KR
[72] PARK, SHINYOUNG, KR
[72] LEE, EUN JU, KR
[72] YEON, JAE-SUNG, KR
[72] JEON, HYE HEE, KR
[72] KIM, WONDUCK, KR
[72] CHUNG, JOO-YEON, KR
[72] JEONG, AREUM, KR
[72] HOUH, YOUN KYUNG, KR
[72] SOHN, JINYOUNG, KR
[72] KIM, YUN YEON, KR
[72] KIM, SANG GYUN, KR
[72] LEE, SURO, KR
[71] GENOME AND COMPANY, KR
[85] 2020-11-10
[86] 2019-05-08 (PCT/KR2019/005518)
[87] (WO2019/216649)
[30] KR (10-2018-0054195) 2018-05-11
[30] KR (10-2018-0133030) 2018-11-01

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[51] **Int.Cl. B65B 25/04 (2006.01) B65D 25/02 (2006.01) B65D 77/20 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **METHODS FOR PACKAGING AND PRESERVING ZUCCHINI SPIRALS**
[54] **PROCEDES D'EMBALLAGE ET DE CONSERVATION DE SPIRALES DE COURGETTE**
[72] RILEY, DEREK, US
[72] JOHNSTON, MICHAEL, US
[72] WATSON, NEAL, US
[72] BELFANCE, JOHN, US
[72] FREEDMAN, JONATHAN R., US
[72] GUPTA, DEEPTI S., US
[72] LUCAS, JR., FRANKLIN LEE, US
[72] PRATT, JASON, US
[72] GUSTAFSON, KATHYRN, US
[72] FOUTCH, ALEXIA, US
[72] PERDUE, ETHAN ROSS, US
[72] HOLLINGER, JAMES S., US
[71] MAXWELL CHASE TECHNOLOGIES, LLC, US
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031712)
[87] (WO2019/217810)
[30] US (62/670,613) 2018-05-11
[30] US (62/780,387) 2018-12-17

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[51] **Int.Cl. H04W 48/10 (2009.01) H04W 4/06 (2009.01) H04W 16/14 (2009.01) H04W 48/12 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ACQUISITION OF PERIODICALLY BROADCASTED SYSTEM INFORMATION IN WIRELESS COMMUNICATIONS**
[54] **APPAREIL ET PROCEDE POUR L'ACQUISITION D'INFORMATIONS SYSTEME DIFFUSEES PERIODIQUEMENT DANS DES COMMUNICATIONS SANS FIL**
[72] ISHII, ATSUSHI, US
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031674)
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[30] US (62/669,851) 2018-05-10

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[51] **Int.Cl. C12Q 1/6869 (2018.01) C12Q 1/6874 (2018.01)**
[25] EN
[54] **CHEMICAL COMPOSITIONS AND METHODS OF USING SAME**
[54] **COMPOSITIONS CHIMIQUES ET LEURS METHODES D'UTILISATION**
[72] DUNAWAY, DWAYNE, US
[72] MANRAO, ELIZABETH, US
[72] BEECHEM, JOSEPH, US
[72] KHAFIZOV, RUSTEM, US
[72] KORUKONDA, SANGHAMITHRA, US
[72] DENG, YI, US
[72] KIM, DAE, US
[72] GREGORY, MARK, US
[72] HOANG, MARGARET, US
[72] WALSH, MATTHEW, US
[72] MEREDITH, GAVIN, US
[72] MCELWAIN, MARK, US
[72] SKENE, PETER, US
[72] BURKE, CASSANDRA, US
[71] NANOSTRING TECHNOLOGIES, INC., US
[85] 2020-11-10
[86] 2019-05-14 (PCT/US2019/032168)
[87] (WO2019/222178)
[30] US (62/671,091) 2018-05-14
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[51] **Int.Cl. H01Q 1/36 (2006.01) H01Q 1/16 (2006.01) H01Q 21/29 (2006.01)**
[25] EN
[54] **DIELECTRIC ANTENNA ARRAY AND SYSTEM**
[54] **RESEAU D'ANTENNES DIELECTRIQUES ET SYSTEME**
[72] WALKER, CHRISTOPHER KIDD, US
[72] LOPEZ-TONAZZI, JUAN CARLOS, US
[72] SWIFT, BRANDON JAMES, US
[72] KRUNZ, MARWAN M., US
[71] FREEFALL AEROSPACE, INC., US
[85] 2020-11-10
[86] 2019-05-02 (PCT/US2019/030375)
[87] (WO2019/221920)
[30] US (62/671,408) 2018-05-14
[30] US (62/693,584) 2018-07-03
[30] US (62/754,952) 2018-11-02
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[51] **Int.Cl. G01N 1/34 (2006.01) A61M 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PROCESSING BLOOD**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DU SANG**
[72] DORIAN, RANDY, US
[72] LEACH, MICHAEL D., US
[72] STORRS, RICHARD W., US
[72] KING, SCOTT R., US
[71] HANUMAN PELICAN, INC., US
[85] 2020-11-10
[86] 2019-06-24 (PCT/US2019/038706)
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[30] US (62/695,649) 2018-07-09

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[51] **Int.Cl. G05D 1/02 (2020.01)**
[25] EN
[54] **ZONE PASSAGE CONTROL IN WORKSITE**
[54] **CONTROLE DE PASSAGE DE ZONE DANS UN CHANTIER**
[72] RUOKOJARVI, JARKKO, FI
[72] LEHTINEN, ANTTI, FI
[72] KALLIO, JANNE, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2020-11-09
[86] 2018-05-09 (PCT/EP2018/061954)
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[51] **Int.Cl. A61F 2/14 (2006.01) A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **VISION CORRECTION WITH LASER REFRACTIVE INDEX CHANGES**
[54] **CORRECTION DE LA VISION A L'AIDE DE CHANGEMENTS D'INDICE DE REFRACTION INDUITS PAR LASER**
[72] ZHELEZNYAK, LEONARD, US
[72] LEESON, COREY, US
[72] ELLIS, JONATHAN D., US
[72] FOOS, THEODORE, US
[72] BUTLER, SAM C., US
[71] UNIVERSITY OF ROCHESTER, US
[71] CLERIO VISION, INC., US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2020-11-10
[86] 2019-05-14 (PCT/US2019/032291)
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[30] US (62/671,363) 2018-05-14

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[51] **Int.Cl. A61F 5/455 (2006.01) A61F 5/44 (2006.01)**
[25] EN
[54] **EXTERNAL-CATHETER KITS WITH STEP-BY-STEP INSTRUCTIONS, AND METHODS THEREOF**
[54] **KITS DE CATHETERS EXTERNES AVEC INSTRUCTIONS PAS A PAS ET LEURS PROCEDES**
[72] CHALLA, PRANAV, US
[72] SKELTON, SARAH, US
[72] LAMBERT, MICHAEL, US
[71] C.R. BARD, INC., US
[85] 2020-11-10
[86] 2019-05-22 (PCT/US2019/033610)
[87] (WO2019/226826)
[30] US (62/675,633) 2018-05-23
[30] US (62/688,186) 2018-06-21

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[51] **Int.Cl. F23R 3/34 (2006.01) F23D 14/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF IMPROVING COMBUSTION STABILITY IN A GAS TURBINE**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE LA STABILITE DE COMBUSTION DANS UNE TURBINE A GAZ**
[72] D'AGOSTINI, MARK DANIEL, US
[72] SANE, ANUP VASANT, US
[71] AIR PRODUCTS AND CHEMCIALS, INC., US
[85] 2020-11-10
[86] 2019-05-15 (PCT/US2019/032395)
[87] (WO2019/222334)
[30] US (62/671,861) 2018-05-15

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[51] **Int.Cl. A61K 31/19 (2006.01) A61K 31/137 (2006.01) A61K 31/495 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **BIO-BASED MEDICINES AND METHODS OF INCREASING PATIENT COMPLIANCE**
[54] **MEDICAMENTS D'ORIGINE BIOLOGIQUE ET PROCEDES D'AUGMENTATION DE L'OBSERVANCE PAR LES PATIENTS**
[72] SUDOLSKY, DAVID, US
[71] ANELLOTECH, INC., US
[85] 2020-11-10
[86] 2019-05-28 (PCT/US2019/034227)
[87] (WO2019/231937)
[30] US (62/677,161) 2018-05-28

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[51] **Int.Cl. C12P 21/00 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE AFUCOSYLATION LEVEL OF A GLYCOPROTEIN COMPOSITION**
[54] **PROCEDE DE REGULATION DU DEGRE D'AFUCOSYLATION D'UNE COMPOSITION DE GLYCOPROTEINES**
[72] JORDAN, MARTIN, CH
[72] BROLY, HERVE, CH
[72] STETTLER, MATTHIEU, CH
[72] CHARBAUT TALAND, ELODIE, CH
[71] ARES TRADING S.A., CH
[85] 2020-11-10
[86] 2019-05-23 (PCT/EP2019/063395)
[87] (WO2019/224333)
[30] EP (18173972.3) 2018-05-24

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[51] **Int.Cl. A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) C07D 403/02 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATMENT OF TRIPLE NEGATIVE BREAST CANCER AND OVARIAN CANCER**
[54] **COMPOSES POUR LE TRAITEMENT DU CANCER DU SEIN TRIPLE NEGATIF ET DU CANCER DE L'OVAIRE**
[72] LI, WEI, US
[72] MILLER, DUANE D., US
[72] DENG, SHANSHAN, US
[72] KRUTILINA, RAYA, US
[72] SEAGROVES, TIFFANY, US
[72] YUE, JUNMING, US
[72] ZHAO, GUANNAN, US
[72] QINGHUI, WANG, US
[72] STEINER, MITCHELL S., US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[71] VERU INC., US
[85] 2020-11-10
[86] 2019-05-15 (PCT/US2019/032468)
[87] (WO2019/222385)
[30] US (62/671,824) 2018-05-15
[30] US (62/741,494) 2018-10-04
[30] US (62/805,826) 2019-02-14

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[51] **Int.Cl. A61K 47/68 (2017.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07D 405/00 (2006.01) C07K 7/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **SPLICING MODULATOR ANTIBODY-DRUG CONJUGATES AND METHODS OF USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENT MODULATEURS D'EPISSAGE ET PROCEDES D'UTILISATION**
[72] PAZOLLI, ERMIRA, US
[72] BUONAMICI, SILVIA, US
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[72] FISHKIN, NATHAN, US
[72] PALACINO, JAMES, US
[72] SEILER, MICHAEL, US
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[72] COOK, ANDREW, US
[72] SMITH, PETER, US
[72] LIU, XIANG, US
[72] ELLERY, SHELBY, US
[72] REYNOLDS, DOMINIC, US
[72] YU, LIHUA, US
[72] WU, ZHENHUA, US
[72] PENG, SHOUYONG, US
[72] CALANDRA, NICHOLAS, US
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[54] **MODELISATION D'INTENSITE DE SIGNAL SANS FIL DANS UN ENVIRONNEMENT DEFINI**
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[72] DONG, LIANG, US
[72] LI, YANG, US
[71] BAYLOR UNIVERSITY, US
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[54] **COMPOUNDS FOR TREATMENT OF PANCREATIC CANCER**
[54] **COMPOSES POUR LE TRAITEMENT DU CANCER DU PANCREAS**
[72] LI, WEI, US
[72] MILLER, DUANE D., US
[72] CHAUHAN, SUBHASH, US
[72] KASHYAP, VIVEK KUMAR, US
[72] QINGHUI, WANG, US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
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[54] **COMPOSITION POUR LA SUSTENTATION D'UN ANIMAL ATTEINT D'UN CANCER**
[72] BAYLE, JULIE, FR
[72] MONIOT, DELPHINE, FR
[72] BIOURGE, VINCENT, FR
[72] QUEAU, YANN, FR
[72] DANIEL, GEOFFREY, FR
[71] MARS, INCORPORATED, US
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[54] **BANDE INVIOLABLE ET ENSEMBLE SAC SCELLE DESTINE A DES SACS MANIPULES ET PROCEDE**
[72] TAN, HIN SIANG MICHAEL, US
[71] PAN PACIFIC PLASTICS MFG., INC., US
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[54] **SYSTEM AND METHOD FOR CONTROLLING A STRUCTURE SUSPENDED IN WATER**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE STRUCTURE EN SUSPENSION DANS L'EAU**
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[71] SUBSEA FARMING AS, NO
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[54] **SUPPORT, EBAUCHE ET PROCEDE DE FORMATION DE SUPPORT**
[72] GUNGNER, GREG, CA
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **SIGNAL TRANSMISSION METHOD AND APPARATUS, AND STORAGE MEDIUM AND ELECTRONIC APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE SIGNAL, ET SUPPORT DE STOCKAGE ET APPAREIL ELECTRONIQUE**
[72] LIU, KUN, CN
[72] DAI, BO, CN
[72] FANG, HUIYING, CN
[72] YANG, WEIWEI, CN
[71] ZTE CORPORATION, CN
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[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES CIBLANT CD37 ET CD19**
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[54] **ISOTOPICALLY LABELLED MATERIALS FOR DEGRADATION DETECTION**
[54] **MATERIAUX MARQUES ISOTOPIQUEMENT POUR DETECTION DE DEGRADATION**
[72] MORA NOGUES, JULIO, ES
[72] BENEDITO BORRAS, ADOLFO, ES
[72] GARCIA SANCHO, AMADOR, ES
[72] ALONSO RUIZ, RAFAEL, ES
[71] INSTITUTO NACIONAL DE TECNICA AEROESPACIAL, ES
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[54] **AGENTS D'ARN MODIFIES A EFFET HORS CIBLE REDUIT**
[72] MATSUDA, SHIGEO, US
[72] SCHLEGEL, MARK K., US
[72] JANAS, MAJA, US
[72] JADHAV, VASANT R., US
[72] MAIER, MARTIN, US
[72] CHARISSE, KLAUS, US
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] NAIR, JAYAPRAKASH K., US
[71] ALNYLAM PHARMACEUTICALS, INC., US
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[54] **SYSTEMS AND METHODS FOR CORRECTING PHOTIC PHENOMENON FROM AN INTRAOCULAR LENS AND USING REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES POUR CORRIGER UN PHENOMENE PHOTIQUE A PARTIR D'UNE LENTILLE INTRAOCULAIRE ET UTILISER UNE ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
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[54] **HIGH-STRENGTH DOUBLE-SIDED STAINLESS STEEL CLAD SHEET AND MANUFACTURING METHOD THEREFOR**
[54] **PANNEAU COMPOSITE EN ACIER INOXYDABLE DOUBLE PAROI DE HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
[72] WANG, ZHIYU, CN
[72] JIAO, SIHAI, CN
[72] QIANG, SHAOMING, CN
[72] ZHANG, HUAWEI, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR A MULTICLASS APPROACH FOR CONFIDENCE MODELING IN AUTOMATIC SPEECH RECOGNITION SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR UNE APPROCHE MULTICLASSE POUR UNE MODELISATION DE CONFIANCE DANS DES SYSTEMES DE RECONNAISSANCE AUTOMATIQUE DE LA PAROLE**
[72] SUNDARAM, RAMASUBRAMANIAN, IN
[72] GANAPATHIRAJU, ARAVIND, IN
[72] TAN, YINGYI, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
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[54] **CARACTERISTIQUES DE SECURITE LISIBLES PAR MACHINE**
[72] DEMARTIN MAEDER, MARLYSE, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[71] SICPA HOLDING SA, CH
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[54] **TECHNIQUES FOR EVALUATING A VIDEO RATE SELECTION ALGORITHM OVER A COMPLETED STREAMING SESSION**
[54] **TECHNIQUES D'EVALUATION D'UN ALGORITHME DE SELECTION DE DEBIT VIDEO SUR UNE SESSION DE DIFFUSION EN CONTINU ACHEVEE**
[72] HUANG, TE-YUAN, US
[72] EKANADHAM, CHAITANYA, US
[72] BERGLUND, ANDREW J., US
[72] LI, ZHI, US
[71] NETFLIX, INC., US
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[54] **SYSTEMS AND METHODS FOR SEAMLESSLY OUTPUTTING EMBEDDED MEDIA FROM A DIGITAL PAGE ON NEARBY DEVICES MOST SUITABLE FOR ACCESS**
[54] **SYSTEMES ET PROCEDES POUR EMETTRE EN CONTINU UN CONTENU MULTIMEDIA INTEGRE A PARTIR D'UNE PAGE NUMERIQUE SUR DES DISPOSITIFS VOISINS LES PLUS APPROPRIES POUR UN ACCES**
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[72] PANCHAKSHARAIAH, VISHWAS SHARADANAGAR, IN
[71] ROVI GUIDES, INC., US
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[54] **DISPOSITIF MULTIMEDIA AVEC ANTENNE A PLAQUE EMBARQUEE A DOUBLE ALIMENTATION D'ANTENNE**
[72] RAJAGOPALAN, JAGAN VAIDYANATHAN, US
[72] LIU, MING-WEI, US
[72] SAI ANANTHANARAYANAN, PERUVEMBA RANGANATH, US
[72] HYUN, IN CHUL, US
[72] AZAD, MOHAMMED ZIAUL, US
[72] HOSADURGA, DEEPAK PAI, US
[72] THOTA, SUDHEEP, US
[72] CHEN, CHEN, US
[72] GALKWAD, AMIT, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **SYSTEM AND METHOD FOR SUPPLYING ELECTRIC ENERGY TO A MINING VEHICLE AND A MINING VEHICLE**
[54] **SYSTEME ET PROCEDE D'ALIMENTATION EN ENERGIE ELECTRIQUE D'UN VEHICULE MINIER ET VEHICULE MINIER**
[72] KOUVO, MIKKO, SE
[72] JUNTUNEN, RAIMO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
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[54] **ATTELLE POUR NOURRISSON**
[72] HAMON, JACK, NZ
[72] WILLIAMS, MICHAEL BRYAN, NZ
[71] MWDESIGN LIMITED, NZ
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[54] **FORMULATION DE NICOTINE**
[72] NOLAN, CHRISTOPHER, IE
[72] KAVANAGH, JOSEPH, IE
[72] RALEIGH, KIERAN, IE
[72] O'ROURKE, BRIAN, IE
[71] YATZZ LIMITED, IE
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[54] **REFRACTORY ENCLOSURES FOR HIGH DENSITY ENERGY STORAGE SYSTEMS**
[54] **ENCEINTES REFRACTAIRES POUR SYSTEMES DE STOCKAGE D'ENERGIE A HAUTE DENSITE**
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[54] **SYSTEME D'INTRODUCTION DE CORPS DE BROYAGE DANS DES BROYEURS VERTICAUX**
[72] ORSI, EDUARDO CAMPOS, BR
[71] METSO BRASIL INDUSTRIA E COMERCIO LTDA, BR
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[54] **PROTECTION CONTRE LES ECLATS**
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[72] HENRIKSSON, MAGNUS, SE
[72] HOLMBERG, ANDERS, SE
[72] JOHANSSON, ANDRE, SE
[71] ABB POWER GRIDS SWITZERLAND AG, CH
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[54] **ELASTOMERE MESOPOREUX**
[72] RAJASEKHARAN, ANAND KUMAR, SE
[72] ANDERSSON, MARTIN, SE
[71] AMFERIA AB, SE
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[25] EN
[54] **USE OF NOD2 AGONIST FOR THE TREATMENT, PROPHYLAXIS AND/OR DELAY OF THE ONSET OF MULTIPLE SCLEROSIS AND ALZHEIMER'S DISEASE**
[54] **UTILISATION D'UN AGONISTE DE NOD2 POUR LE TRAITEMENT, LA PROPHYLAXIE ET/OU LE RETARDEMENT DE L'APPARITION DE LA SCLEROSE EN PLAQUES ET DE LA MALADIE D'ALZHEIMER**
[72] GOSSELIN, JEAN, CA
[72] RIVEST, SERGE, CA
[71] UNIVERSITE LAVAL, CA
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[54] **WAFER TILING METHOD TO FORM LARGE-AREA MOLD MASTER HAVING SUB-MICROMETER FEATURES**
[54] **PROCEDE DE JUXTAPOSITION DE TRANCHE POUR FORMER UN MOULE MAITRE DE GRANDE SURFACE AYANT DES CARACTERISTIQUES SOUS-MICROMETRIQUES**
[72] PENG, ZHEN, US
[72] VO, SONNY, US
[72] SOICHI, EMELINE, US
[71] LEIA INC., US
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[86] 2018-12-21 (PCT/US2018/067187)
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[54] **CASINO GAMING MACHINES AND SKILL GAMES HAVING ADDED STOCHASTIC INPUT**
[54] **MACHINES DE JEU DE CASINO ET JEUX DE COMPETENCES A ENTREE STOCHASTIQUE AJOUTEE**
[72] OBERBERGER, MICHAEL, US
[72] BUSHNELL, NOLAN, US
[71] SYNERGY BLUE, LLC, US
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[25] EN
[54] **METHOD FOR THE ONLINE QUALITY CONTROL OF DECORATIVE PRINTS ON SUBSTRATE MATERIALS**
[54] **PROCEDE DE CONTROLE DE QUALITE EN LIGNE D'IMPRESSIONS DECORATIVES SUR DES MATERIAUX SUPPORTS**
[72] LEHNHOFF, INGO, DE
[71] FLOORING TECHNOLOGIES LTD., MT
[85] 2020-11-11
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[87] (WO2019/234147)
[30] EP (18176271.7) 2018-06-06

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[25] EN
[54] **APPARATUS AND METHOD FOR THE PRESERVATION, STORAGE AND/OR SHIPMENT OF LIQUID-EXUDING PRODUCTS**
[54] **APPAREIL ET PROCEDE DE CONSERVATION, DE STOCKAGE ET/OU D'EXPEDITION DE PRODUITS EXSUDANT UN LIQUIDE**
[72] RILEY, DEREK, US
[72] JOHNSTON, MICHAEL, US
[72] WATSON, NEAL, US
[72] BELFANCE, JOHN, US
[72] FREEDMAN, JONATHAN R., US
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[72] LUCAS, JR., FRANKLIN LEE, US
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[72] PERDUE, ETHAN ROSS, US
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[54] **SURVEILLANCE INTELLIGENTE POUR AUTOMATISATION DE PROCESSUS DE FORAGE**
[72] OCEGUEDA-HERNANDEZ, FRANCISCO, US
[72] MULLIN, CHRISTOPHER P., US
[72] HANFORD, RYAN J., US
[71] NATIONAL OILWELL VARCO, L.P., US
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[72] MARTINELLI, BRIAN, US
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[54] **NOUVEAU VECTEUR ET UTILISATION ASSOCIEE**
[72] SUZUKI, YASUHIKO, JP
[72] NAKAGAWA, MIKI, JP
[72] KAMEDA, YAYOI, JP
[72] KONNAI, SATORU, JP
[72] OKAGAWA, TOMOHIRO, JP
[72] MAEKAWA, NAOYA, JP
[72] GOTO, SHINYA, JP
[72] SAJIKI, YAMATO, JP
[72] OHASHI, KAZUHIKO, JP
[72] MURATA, SHIRO, JP
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[72] YAMAMOTO, KEIICHI, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
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[72] HIPP, SUSANNE, DE
[72] ADAM, PAUL, DE
[72] DZIEGELEWSKI, MICHAEL, US
[72] GANESAN, RAJKUMAR, US
[72] GORMAN, PHILIP NICHOLAS, US
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[54] **FOAMING ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS MOUSSANTES POUR L'HYGIENE BUCCALE**
[72] SWARTZ, JEANETTE MARIE, US
[72] BAIG, ARIF ALI, US
[72] GORDON, GREGORY CHARLES, US
[72] MAO, MIN, US
[72] PAYNE, MELISSA CHERIE, US
[72] RAUCKHORST, HOLLY BALASUBRAMANIAN, US
[72] SAGEL, PAUL ALBERT, US
[72] TROKHAN, PAUL D., US
[72] CROLL, BRIAN PATRICK, US
[72] NYANGIRO, DINAH ACHOLA, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING DUCHENNE MUSCULAR DYSTROPHY**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] STEDMAN, HANSELL, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **INHIBITEURS DE METASTASES CANCEREUSES PAR INHIBITION DE LA MIGRATION ET DE L'INVASION DE CELLULES CANCEREUSES**
[72] KWON, BYOUNG-MOG, KR
[72] HAN, DONG CHO, KR
[72] YOON, YAE JIN, KR
[72] LEE, YU JIN, KR
[72] CHOI, JIYOUN, KR
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[54] **DISTRIBUTEUR DE DENTIFRICE**
[72] TROKHAN, PAUL D., US
[72] TROMBLEY, KURT FRANKLIN, US
[72] PARNELL, NATOSHA, US
[71] THE PROCTOR & GAMBLE COMPANY, US
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[54] **FORMULATION DE POLYOLEFINE DURCISSABLE A L'HUMIDITE**
[72] ZHANG, YICHI, US
[72] COGEN, JEFFREY M., US
[72] PICKETT, MATTHEW R., US
[71] UNION CARBIDE CORPORATION, US
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[54] **METHODS FOR IMPROVING LEPTIN SENSITIVITY FOR THE TREATMENT OF OBESITY AND DIABETES**
[54] **PROCEDES D'AMELIORATION DE LA SENSIBILITE A LA LEPTINE POUR LE TRAITEMENT DE L'OBESITE ET DU DIABETE**
[72] WANG, YONG-XU, US
[72] HUANG, LEI, US
[72] DU, YONG, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **PRISME REMPLACABLE DOTE D'UN SYSTEME DE LANGUETTE SOUPLE POUR UN TONOMETRE PAR APLANATION, TONOMETRE PAR APLANATION LE CONTENANT, ET PROCEDE DE CHARGEMENT DE PRISME DANS UN TONOMETRE PAR APLANATION**
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[72] FALCK, ROBERT, US
[71] FALCK MEDICAL, INC., US
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[54] **APPAREIL ET PROCEDE POUR ACQUERIR DES INFORMATIONS DE SYSTEME A LA DEMANDE DANS DES COMMUNICATIONS SANS FIL**
[72] ISHII, ATSUSHI, US
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **UTILISATION POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES ASSOCIEES A DES CELLULES MYELOIDES SUPPRESSIVES**
[72] KIM, SOSEUL, KR
[72] HONG, JEONG WON, KR
[72] JI, GIL YONG, KR
[72] YOON, SANGSOON, KR
[72] SONG, HYUNG-GEUN, KR
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[54] **PROCEDE ET APPAREIL D'ANALYSE PAR TDM DE CAROTTES ENTIERES PLUS LONGUES**
[72] CALISKAN, SINAN, SA
[72] SHEBATALHAMD, ABDULLAH, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **METHOD OF PREPARING ORGANIC ZINC CATALYST AND METHOD OF PREPARING POLYALKYLENE CARBONATE RESIN BY USING THE ORGANIC ZINC CATALYST PREPARED THEREBY**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR AU ZINC ORGANIQUE ET PROCEDE DE PREPARATION D'UNE RESINE AU CARBONATE-POLYALKYLENE A L'AIDE DU CATALYSEUR AU ZINC ORGANIQUE AINSI PREPARE**
[72] KIM, SUNG KYOUNG, KR
[72] PARK, SEUNG YOUNG, KR
[72] SHIN, SANG CHEOL, KR
[72] MIN, KYUNG MIN, KR
[71] LG CHEM, LTD., KR
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[54] **BINDING PROTEINS AND CHIMERIC ANTIGEN RECEPTOR T CELLS TARGETING GASP-1 GRANULES AND USES THEREOF**
[54] **PROTEINES DE LIAISON ET LYMPHOCYTES T DE RECEPTEUR ANTIGENIQUE CHIMERIQUE CIBLANT DES GRANULES DE GASP-1 ET LEURS UTILISATIONS**
[72] CHANG, FRANK N., US
[72] TUSZYNSKI, GEORGE P., US
[72] LUO, SOLOMON, US
[72] YANG, JEFF, US
[71] HALCYON THERAPEUTICS, INC., US
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[54] **DISPOSITIF D'ADMINISTRATION DE RADIO-EMBOLISATION**
[72] AKERELE-ALE, OLADIPO PETER, US
[72] DESPA, MIRCEA, US
[72] DORN, JUERGEN, US
[72] DROBNIK, CHRISTOPHER DEAN, US
[72] DROBNIK, MICHAEL WESLEY, US
[72] HEBERT, CASEY TYLER, US
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[72] RICHARDS, ANDREW, US
[72] SIMMONS, BRANDON DAVID, US
[72] SOLOMON, CLINT, US
[72] WRIGHT, MARK NICHOLAS, US
[72] YARGER, MICHAEL, US
[72] MARTIN, ADAM, US
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[54] **SYSTEME DE POROSITE DE NEUTRONS DE FORMATION GEOLOGIQUE**
[72] ABADIE, JOAN, FR
[72] SALEHI, MOHAMMAD TAGHI, FR
[72] ITO, KOJI, US
[72] RASMUS, JOHN, US
[72] HONG, XIAO BO, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **COMPOSITIONS AND DOSAGE FORMS FOR ORAL DELIVERY**
[54] **COMPOSITIONS ET FORMES POSOLOGIQUES POUR ADMINISTRATION ORALE**
[72] CHANG, PING, US
[72] BROWN, MARC, GB
[72] EVANS, CHARLES, GB
[71] RHODES TECHNOLOGIES INC., US
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[54] **SYSTEMES DE SORTIE DE CONTENU FAISANT APPEL A DES DONNEES BASEES SUR UN VEHICULE**
[72] WASSERMAN, ROBERT, US
[72] DIMESA, FRED, US
[72] YURDIN, BILL, US
[71] ALLSTATE INSURANCE COMPANY, US
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[54] **SYSTEME DE BIJOU MODULAIRE**
[72] NGUYEN, NINA, US
[71] NINA NGUYEN LLC, US
[85] 2020-11-11
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[54] **BY-PASS SYSTEM AND METHOD FOR INVERTED ESP COMPLETION**
[54] **SYSTEME ET PROCEDE DE DERIVATION POUR UNE COMPLETION ESP INVERSEE**
[72] XIAO, JINJIANG, SA
[72] LASTRA, RAFAEL ADOLFO, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-11
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[54] **VIRAL VECTOR PRODUCTION**
[54] **SYSTEME DE PRODUCTION DE VECTEURS VIRAUX**
[72] XIE, JUN, US
[72] GAO, GUANGPING, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **COUVRE-CHEF DE RESTRICTION DE FLUX SANGUIN**
[72] VENTURI, MARK LOUIS, US
[71] VENTURI, MARK LOUIS, US
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[54] **TETRAHYDRO-IMIDAZO[4,5-C]PYRIDINE DERIVATIVES AS PD-L1 IMMUNOMODULATORS**
[54] **DERIVES DE TETRAHYDRO-IMIDAZO[4,5-C]PYRIDINE EN TANT QU'IMMUNOMODULATEURS DE PD-L1**
[72] WU, LIANGXING, US
[72] XIAO, KAIJIONG, US
[72] YAO, WENQING, US
[71] INCYTE CORPORATION, US
[85] 2020-11-11
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[54] **SYSTEM, DEVICES, AND METHODS COMBINING SPINAL STABILIZATION AND NEUROMODULATION**
[54] **SYSTEME, DISPOSITIFS ET PROCEDES COMBINANT STABILISATION VERTEBRALE ET LA NEUROMODULATION**
[72] MOLNAR, GREGORY, F., US
[72] PURYEAR, HARRY, US
[72] PEYMAN, NAZMI, US
[72] ZENANKO, JUSTIN, D., US
[71] SYNERFUSE, INC., US
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[30] US (62/670,034) 2018-05-11

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 8/00 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **METHOD FOR DELIVERY OF BIOLOGIC AGENTS FROM A TOPICAL FORMULATION**
[54] **PROCEDE D'ADMINISTRATION D'AGENTS BIOLOGIQUES A PARTIR D'UNE FORMULATION TOPIQUE**
[72] STEWARD, LANCE, US
[72] BRIDEAU-ANDERSEN, AMY, US
[72] SHEN, JIE, US
[72] ANDREWS-JONES, LYDIA, US
[72] HO, HSIANG, US
[72] BLOOM, BETSY, US
[72] LU, GUANG WEI, US
[72] WANG, FANGJING, US
[72] KUMAR, SUNNY, US
[72] NICHOLSON, GREGORY, US
[72] BROIDE, RON, US
[71] ALLERGAN, INC., US
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031796)
[87] (WO2019/217869)
[30] US (62/670,711) 2018-05-11

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[13] A1
[51] **Int.Cl. G01N 22/00 (2006.01) E21B 49/00 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR PERFORMING MICROWAVE MEASUREMENTS OF SAMPLES UNDER CONFINING PRESSURE**
[54] **SYSTEME POUR EFFECTUER DES MESURES DE MICRO-ONDES D'ECHANTILLONS SOUS PRESSION DE CONFINEMENT**
[72] ALVAREZ, JOSE OLIVERIO, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-11
[86] 2019-05-13 (PCT/US2019/031966)
[87] (WO2019/222074)
[30] US (62/670,963) 2018-05-14

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01)**
[25] EN
[54] **METHODS FOR PROPHYLACTICALLY PREVENTING, SLOWING THE PROGRESSION OF, OR TREATING CEREBRAL AMYLOID ANGIOPATHY, ALZHEIMER'S DISEASE AND/OR ACUTE STROKE**
[54] **PROCEDES DE PREVENTION PROPHYLACTIQUE, DE RALENTISSEMENT DE L'EVOLUTION OU DE TRAITEMENT DE L'ANGIOPATHIE AMYLOIDE CEREBRALE, DE LA MALADIE D'ALZHEIMER ET/OU D'UN ACCIDENT VASCULAIRE CEREBRAL AIGU**
[72] BREWER JR., HOLLIS BRYAN, US
[72] MATIN, MICHAEL M., US
[71] HDL THERAPEUTICS, INC., US
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031832)
[87] (WO2019/217897)
[30] US (62/670,615) 2018-05-11
[30] US (62/700,804) 2018-07-19

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[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) A61K 38/37 (2006.01) A61K 38/44 (2006.01) A61K 38/48 (2006.01) A61K 48/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **STABLE EXPRESSION OF AAV VECTORS IN JUVENILE SUBJECTS**
[54] **EXPRESSION STABLE DE VECTEURS VAA CHEZ DES SUJETS JEUNES**
[72] BUNTING, STUART, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032092)
[87] (WO2019/222132)
[30] US (62/671,271) 2018-05-14

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[13] A1
[51] **Int.Cl. C07K 14/005 (2006.01) A61K 48/00 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **NOVEL LIVER TARGETING ADENO-ASSOCIATED VIRAL VECTORS**
[54] **NOUVEAUX VECTEURS VIRAUX ADENO-ASSOCIES CIBLANT LE FOIE**
[72] COLOSI, PETER CAMERON, US
[72] RAMIREZ, SILVIA, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032097)
[87] (WO2019/222136)
[30] US (62/671,265) 2018-05-14

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[13] A1
[51] **Int.Cl. C12Q 1/6837 (2018.01) C12Q 1/6876 (2018.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GENOME-WIDE CLASSIFIERS FOR DETECTION OF SUBACUTE TRANSPLANT REJECTION AND OTHER TRANSPLANT CONDITIONS**
[54] **CLASSIFICATEURS A L'ECHELLE DU GENOME POUR DETECTER UN REJET DE GREFFE SUBAIGU ET D'AUTRES CONDITIONS DE TRANSPLANTATION**
[72] KURIAN, SUNIL M., US
[72] ABECASSIS, MICHAEL M., US
[72] FRIEDEWALD, JOHN J., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031850)
[87] (WO2019/217910)
[30] US (62/669,518) 2018-05-10

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[13] A1
[51] **Int.Cl. A61K 39/35 (2006.01) A61K 39/36 (2006.01) A61P 37/00 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **IMPROVED LAMP CONSTRUCTS COMPRISING ALLERGENS**
[54] **CONSTRUCTIONS AMELIOREES DE LAMP COMPRENANT DES ALLERGENES**
[72] HEILAND, TERI, US
[71] IMMUNOMIC THERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032305)
[87] (WO2019/222281)
[30] US (62/672,005) 2018-05-15
[30] US (62/672,378) 2018-05-16
[30] US (62/673,932) 2018-05-20

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[13] A1
[51] **Int.Cl. C07K 14/55 (2006.01) A61K 38/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ACTIVATABLE CYTOKINE POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES DE CYTOKINE ACTIVABLES ET LEURS PROCEDES D'UTILISATION**
[72] WINSTON, WILLIAM, US
[72] HICKLIN, DANIEL, US
[72] BHASKAR, VINAY, US
[72] EVNIN, LUKE, US
[72] BAEUERLE, PATRICK, US
[72] SALMERON GARCIA, JOSE ANDRES, US
[72] BRODKIN, HEATHER, US
[71] WEREWOLF THERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032320)
[87] (WO2019/222294)
[30] US (62/671,225) 2018-05-14
[30] US (62/756,504) 2018-11-06
[30] US (62/756,507) 2018-11-06
[30] US (62/756,515) 2018-11-06

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[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) A61K 35/76 (2015.01) C07K 14/015 (2006.01) C12N 15/35 (2006.01) C12N 15/864 (2006.01) C12Q 1/68 (2018.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **ALTERING TISSUE TROPISM OF ADENO-ASSOCIATED VIRUSES**
[54] **TROPISME HEPATO-SPECIFIQUE DE VIRUS ADENO-ASSOCIES**
[72] VANDENBERGHE, LUK H., US
[72] SCHMIT, PAULINE, US
[72] TIPPER, CHRISTOPHER, US
[72] UNZU, CARMEN, US
[72] ZINN, ERIC, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] THE SCHEPENS EYE RESEARCH INSTITUTE, INC., US
[85] 2020-11-11
[86] 2019-05-10 (PCT/US2019/031851)
[87] (WO2019/217911)
[30] US (62/670,543) 2018-05-11
[30] US (62/841,179) 2019-04-30

[21] **3,100,007**
[13] A1
[51] **Int.Cl. C07K 14/55 (2006.01) A61K 38/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ACTIVATABLE INTERLEUKIN-2 POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES D'INTERLEUKINE 2 ACTIVABLES ET PROCEDES D'UTILISATION ASSOCIES**
[72] WINSTON, WILLIAM, US
[72] HICKLIN, DANIEL, US
[72] BHASKAR, VINAY, US
[72] EVNIN, LUKE, US
[72] BAEUERLE, PATRICK, US
[72] SALMERON GARCIA, JOSE ANDRES, US
[72] BRODKIN, HEATHER, US
[71] WEREWOLF THERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032321)
[87] (WO2019/222295)
[30] US (62/671,225) 2018-05-14
[30] US (62/756,504) 2018-11-06
[30] US (62/756,507) 2018-11-06

[21] **3,100,010**
[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **PRE-PRINTED AND PRE-SELECTED LOTTERY TICKETS FOR POINT-OF-SALE PURCHASE**
[54] **BILLETS DE LOTERIE PRE-IMPRIMES ET PRESELECTIONNES POUR UN ACHAT DE POINT DE VENTE**
[72] GOTLIEB, RICHARD ALAN, US
[72] NEDUNGADI, PRASHANT, US
[72] MURILLO, MELISSA, US
[72] KOOP, RYAN, CA
[71] BLACKHAWK NETWORK, INC., US
[85] 2020-11-10
[86] 2019-05-10 (PCT/US2019/031857)
[87] (WO2019/217915)
[30] US (62/669,730) 2018-05-10
[30] US (62/673,568) 2018-05-18
[30] US (62/688,540) 2018-06-22
[30] US (62/777,575) 2018-12-10

[21] **3,100,014**
[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01) C07K 19/00 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS OF SUPPRESSING PATHOGENIC MUTATIONS USING PROGRAMMABLE BASE EDITOR SYSTEMS**
[54] **PROCEDES DE SUPPRESSION DE MUTATIONS PATHOGENES A L'AIDE DE SYSTEMES D'EDITEUR DE BASE PROGRAMMABLES**
[72] EVANS, JOHN, US
[72] FU, YANFANG, US
[72] PACKER, MICHAEL, US
[71] BEAM THERAPEUTICS INC., US
[85] 2020-11-10
[86] 2019-05-11 (PCT/US2019/031896)
[87] (WO2019/217941)
[30] US (62/670,498) 2018-05-11
[30] US (62/780,864) 2018-12-17

[21] **3,100,016**
[13] A1
[51] **Int.Cl. B32B 3/30 (2006.01) B32B 3/18 (2006.01) B32B 15/08 (2006.01) B32B 37/15 (2006.01) C23C 16/06 (2006.01)**
[25] EN
[54] **TEXTURED SURFACES HAVING VARIABLE AMOUNTS OF SURFACE ENERGY, METHODS OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**
[54] **SURFACES TEXTUREES RENFERMANT DES QUANTITES VARIABLES D'ENERGIE DE SURFACE, LEURS PROCEDES DE FABRICATION ET ARTICLES LES COMPRENANT**
[72] STONEBERG, RYAN EUGENE, US
[72] MANN, ETHAN EUGENE, US
[71] SHARKLET TECHNOLOGIES, INC., US
[85] 2020-11-11
[86] 2019-05-15 (PCT/US2019/032358)
[87] (WO2019/222311)
[30] US (62/672,223) 2018-05-16

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[13] A1
[51] **Int.Cl. C07K 14/55 (2006.01) A61K 38/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ACTIVATABLE INTERLEUKIN 12 POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES D'INTERLEUKINE 12 ACTIVABLES ET PROCEDES D'UTILISATION ASSOCIES**
[72] WINSTON, WILLIAM, US
[72] HICKLIN, DANIEL, US
[72] BHASKAR, VINAY, US
[72] EVNIN, LUKE, US
[72] BAEUERLE, PATRICK, US
[72] SALMERON GARCIA, JOSE ANDRES, US
[72] BRODKIN, HEATHER, US
[71] WEREWOLF THERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-05-14 (PCT/US2019/032322)
[87] (WO2019/222296)
[30] US (62/671,225) 2018-05-14
[30] US (62/756,504) 2018-11-06
[30] US (62/756,507) 2018-11-06
[30] US (62/756,515) 2018-11-06

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 9/78 (2006.01)**
[25] EN
[54] **METHODS OF SUBSTITUTING PATHOGENIC AMINO ACIDS USING PROGRAMMABLE BASE EDITOR SYSTEMS**
[54] **PROCEDES DE SUBSTITUTION D'ACIDES AMINES PATHOGENES A L'AIDE DE SYSTEMES D'EDITEUR DE BASES PROGRAMMABLES**
[72] BRYSON, DAVID, US
[72] EVANS, JOHN, US
[72] PACKER, MICHAEL, US
[72] FU, YANFANG, US
[72] GAUDELLI, NICOLE, US
[72] GEHRKE, JASON MICHAEL, US
[72] JOUNG, J. KEITH, US
[71] BEAM THERAPEUTICS INC., US
[85] 2020-11-10
[86] 2019-05-11 (PCT/US2019/031897)
[87] (WO2019/217942)
[30] US (62/670,521) 2018-05-11
[30] US (62/670,539) 2018-05-11
[30] US (62/780,890) 2018-12-17

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **MUCUS-PENETRATING PEPTIDES, DELIVERY VEHICLES AND METHODS OF THERAPY**
[54] **PEPTIDES PENETRANT DANS LE MUCUS, VEHICULES D'ADMINISTRATION ET METHODES DE THERAPIE**
[72] AHMAD, MUBHIJ, US
[72] DAY, TIMOTHY PAUL, US
[72] CALLMANN, CASSANDRA, US
[72] ZHU, XIXI, US
[72] HAFEZ, ISMAIL, US
[71] DNALITE THERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-05-15 (PCT/US2019/032484)
[87] (WO2019/222400)
[30] US (62/671,709) 2018-05-15

[21] **3,100,021**
[13] A1
[51] **Int.Cl. A61K 38/47 (2006.01) A61P 43/00 (2006.01) C07K 16/28 (2006.01) C12N 9/34 (2006.01)**
[25] EN
[54] **ANTI-CD63 ANTIBODIES, CONJUGATES, AND USES THEREOF**
[54] **ANTICORPS ANTI-CD63, CONJUGUES ET LEURS UTILISATIONS**
[72] CYGNAR, KATHERINE, US
[72] BAIK, ANDREW, US
[72] SCHOENHERR, CHRISTOPHER, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-11-11
[86] 2019-05-17 (PCT/US2019/032922)
[87] (WO2019/222663)
[30] US (62/673,098) 2018-05-17
[30] US (62/681,563) 2018-06-06
[30] US (62/777,592) 2018-12-10

[21] **3,100,025**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING INTERCONNECTED AND SECURE MOBILE DEVICE CHARGING STATIONS**
[54] **SYSTEME ET PROCEDE DE FOURNITURE DE STATIONS DE CHARGE DE DISPOSITIFS MOBILES INTERCONNECTEES ET SECURISEES**
[72] BALDASARE, DOUGLAS, US
[72] HORSTMANN, JENS, US
[72] KAY, ROBERT, US
[72] NOLAN, COLIN, US
[72] PONDO, BETH, AU
[72] TATE, SHERI, US
[71] CHARGEITSPOT, LLC, US
[85] 2020-11-11
[86] 2019-05-22 (PCT/US2019/033500)
[87] (WO2019/236293)
[30] US (15/996,956) 2018-06-04

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[13] A1
[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **A HYDROCRACKING PROCESS FOR MAKING MIDDLE DISTILLATE FROM A LIGHT HYDROCARBON FEEDSTOCK**
[54] **PROCEDE D'HYDROCRAQUAGE POUR LA FABRICATION D'UN DISTILLAT MOYEN A PARTIR D'UNE CHARGE D'HYDROCARBURES LEGERS**
[72] HU, MICHAEL CHIUN-KUEI, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-11-11
[86] 2019-05-22 (PCT/US2019/033585)
[87] (WO2019/226811)
[30] US (62/676,406) 2018-05-25

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/021 (2006.01) A61B 5/026 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING, PREDICTING, DETERMINING PROGNOSIS, MONITORING, OR STAGING DISEASE BASED ON VASCULARIZATION PATTERNS**
[54] **METHODE DE DIAGNOSTIC, DE PREDICTION, DE DETERMINATION DE PRONOSTIC, DE SURVEILLANCE OU DE STADIFICATION D'UNE MALADIE SUR LA BASE DE MOTIFS DE VASCULARISATION**
[72] CHOI, CAROLINE, US
[71] CHOI, CAROLINE, US
[85] 2020-11-11
[86] 2019-07-02 (PCT/US2019/040420)
[87] (WO2020/010157)
[30] US (62/693,852) 2018-07-03
[30] US (16/458,737) 2019-07-01

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61K 38/44 (2006.01) C07K 14/81 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 9/78 (2006.01) C12N 15/09 (2006.01) C12N 15/12 (2006.01) C12N 15/55 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS OF EDITING SINGLE NUCLEOTIDE POLYMORPHISM USING PROGRAMMABLE BASE EDITOR SYSTEMS**
[54] **PROCEDES D'EDITION DE POLYMORPHISME MONONUCLEOTIDIQUE A L'AIDE DE SYSTEMES D'EDITEUR DE BASE PROGRAMMABLES**
[72] BRYSON, DAVID, US
[72] EVANS, JOHN, US
[72] PACKER, MICHAEL, US
[72] GEHRKE, JASON MICHAEL, US
[72] PETROSSIAN, NATALIE, US
[71] BEAM THERAPEUTICS INC., US
[85] 2020-11-10
[86] 2019-05-11 (PCT/US2019/031898)
[87] (WO2019/217943)
[30] US (62/670,588) 2018-05-11
[30] US (62/780,838) 2018-12-17
[30] US (62/817,986) 2019-03-13

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[13] A1
[51] **Int.Cl. C07K 1/34 (2006.01) C07K 16/00 (2006.01) G01N 21/65 (2006.01)**
[25] EN
[54] **USE OF RAMAN SPECTROSCOPY IN DOWNSTREAM PURIFICATION**
[54] **UTILISATION DE SPECTROSCOPIE RAMAN DANS UNE PURIFICATION EN AVAL**
[72] PASSNO, CHRISTINA, US
[72] COWAN, CHRISTOPHER, US
[72] TUSTIAN, ANDREW, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-11-11
[86] 2019-08-26 (PCT/US2019/048100)
[87] (WO2020/046793)
[30] US (62/723,188) 2018-08-27

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[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01) C12N 9/78 (2006.01)**
[25] EN
[54] **METHODS OF EDITING SINGLE NUCLEOTIDE POLYMORPHISM USING PROGRAMMABLE BASE EDITOR SYSTEMS**
[54] **PROCEDES D'EDITION DE POLYMORPHISME MONONUCLEOTIDIQUE A L'AIDE DE SYSTEMES D'EDITEUR DE BASES PROGRAMMABLES**
[72] BRYSON, DAVID, US
[72] EVANS, JOHN, US
[72] PACKER, MICHAEL, US
[72] GEHRKE, JASON MICHAEL, US
[72] PETROSSIAN, NATALIE, US
[71] BEAM THERAPEUTICS INC., US
[85] 2020-11-10
[86] 2019-05-11 (PCT/US2019/031899)
[87] (WO2019/217944)
[30] US (62/670,588) 2018-05-11
[30] US (62/780,838) 2018-12-17
[30] US (62/817,986) 2019-03-13

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR CHARACTERIZING PROTEIN COMPLEXES**
[54] **PROCEDES DE CARACTERISATION DE COMPLEXES PROTEIQUES**
[72] LIU, NINA, US
[72] ROSCONI, MICHAEL, US
[72] PYLES, ERICA, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-11-11
[86] 2019-08-28 (PCT/US2019/048526)
[87] (WO2020/047067)
[30] US (62/724,700) 2018-08-30

[21] **3,100,039**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) G16H 20/30 (2018.01) G16H 20/40 (2018.01) A63B 71/06 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR DETERMINING INJURY RISK AND ATHLETIC READINESS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DETERMINATION D'UN RISQUE DE BLESSURE ET DE L'ETAT DE PREPARATION ATHLETIQUE**
[72] WAGNER, PHILLIP PATRICK, US
[71] SPARTA SOFTWARE CORPORATION, US
[85] 2020-11-11
[86] 2019-06-04 (PCT/US2019/035361)
[87] (WO2019/236558)
[30] US (62/680,783) 2018-06-05

[21] **3,100,042**
[13] A1
[51] **Int.Cl. B63B 59/04 (2006.01) B63B 1/02 (2006.01) B63B 1/38 (2006.01)**
[25] EN
[54] **FLUID DISPLACEMENT SYSTEMS**
[54] **SYSTEMES SERVANT A DEPLACER UN FLUIDE**
[72] NOVEK, ETHAN J., US
[71] INNOVATOR ENERGY, LLC, US
[85] 2020-11-10
[86] 2019-05-11 (PCT/US2019/031901)
[87] (WO2019/217946)
[30] US (62/670,133) 2018-05-11

[21] **3,100,043**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 21/08 (2006.01) E21B 47/00 (2012.01) G06F 17/00 (2019.01)**
[25] EN
[54] **DETERMINING SAFE DRILLING MUD WEIGHT**
[54] **DETERMINATION DE DENSITE DE BOUE DE FORAGE SURE**
[72] LIU, CHAO, US
[72] ABOUSLEIMAN, YOUNANE N., US
[72] HAN, YANHUI, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-11
[86] 2019-05-30 (PCT/US2019/034642)
[87] (WO2019/232202)
[30] US (62/678,790) 2018-05-31

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[54] **MODIFICATION OF IMMUNE CELLS TO INCREASE ACTIVITY**
[54] **MODIFICATION DE CELLULES IMMUNITAIRES POUR AUGMENTER L'ACTIVITE**
[72] KAUFMAN, DAN, US
[72] ZHU, HUANG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-11-10
[86] 2019-05-13 (PCT/US2019/031979)
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[30] US (62/670,033) 2018-05-11

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[54] **CELL-BASED VEHICLES FOR POTENTIATION OF VIRAL THERAPY**
[54] **VEHICULES A BASE DE CELLULES POUR LA POTENTIALISATION D'UNE THERAPIE VIRALE**
[72] DRAGANOV, DOBRIN, US
[72] SZALAY, ALADAR A., US
[71] CALIDI BIOTHERAPEUTICS, INC., US
[85] 2020-11-11
[86] 2019-06-04 (PCT/US2019/035464)
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[30] US (62/680,570) 2018-06-04

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[25] EN
[54] **BROADCAST DELIVERED HLS SYSTEM**
[54] **SYSTEME HLS DELIVRE PAR DIFFUSION**
[72] MORONEY, PAUL, US
[72] DU BREUIL, THOMAS L., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2020-11-10
[86] 2019-05-13 (PCT/US2019/032001)
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[25] EN
[54] **SYSTEMS AND METHODS FOR CLOSED LOOP, REAL-TIME MODIFICATIONS OF PATIENT CELLS**
[54] **SYSTEMES ET METHODES POUR EFFECTUER DES MODIFICATIONS EN TEMPS REEL EN BOUCLE FERMEE DE CELLULES DE PATIENT**
[72] DAS, NRIPENDRA, US
[72] PERITT, DAVID, US
[71] LUPAGEN, INC., US
[85] 2020-11-10
[86] 2019-05-13 (PCT/US2019/032022)
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[30] US (62/670,516) 2018-05-11
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[25] EN
[54] **VALVE REPAIR DEVICES AND PROCEDURES**
[54] **REPARATION DE VALVE ET INTERVENTIONS ASSOCIEES**
[72] IVERSEN, SVEN BENJAMIN, US
[72] YESTREPSKY, ADAM J., US
[72] MUNNELLY, AMY E., US
[72] TIAN, BIN, US
[72] CONKLIN, BRIAN S., US
[72] CAMPBELL, LOUIS A., US
[72] CARPENTER, JOHN RICHARD, US
[72] BALDO, DANNY BARRIENTOS, JR., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2020-11-11
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[25] EN
[54] **UNIT-DOSE ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES A DOSE UNITAIRE**
[72] MAO, MIN, US
[72] BAIG, ARIF ALI, US
[72] GORDON, GREGORY CHARLES, US
[72] PAYNE, MELISSA CHERIE, US
[72] RAUCKHORST, HOLLY BALASUBRAMANIAN, US
[72] SAGEL, PAUL ALBERT, US
[72] SWARTZ, JEANETTE MARIE, US
[72] TROKHAN, PAUL D., US
[72] CROLL, BRIAN PATRICK, US
[72] NYANGIRO, DINAH ACHOLA, US
[72] HAN, KUO C., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-11-10
[86] 2019-05-14 (PCT/US2019/032085)
[87] (WO2019/222125)
[30] US (62/671,072) 2018-05-14
[30] US (62/671,066) 2018-05-14
[30] US (62/671,078) 2018-05-14
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[25] FR
[54] **METHOD FOR DETECTING A QUANTITY OF NO PRODUCED BY THE SUBJECT UNDER TEST, AND APPARATUS FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE POUR DETECTER UNE QUANTITE DE NO PRODUITE PAR LE SUJET ETUDIE ET APPAREIL POUR LA MISE EN OEUVRE DUDIT PROCEDE**
[72] RIVIERE, PHILIPPE, FR
[72] VIALARD, LUC, FR
[72] PEREZ, YOANN, FR
[72] DAUMAS, FREDERIC, FR
[72] AUBAGNAC, JEAN-CHRISTOPHE, FR
[72] LABRUNEE, MARC, FR
[72] FAVRE, GILLES, FR
[72] AMATORE, CHRISTIAN, FR
[71] NOPTRACK, FR
[85] 2020-11-09
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[54] **AIRCRAFT POWER ARCHITECTURE**
[54] **ARCHITECTURE DE PUISSANCE D'UN AERONEF**
[72] LAFARGUE, OLIVIER, FR
[72] KLONOWSKI, THOMAS, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2020-11-12
[86] 2019-05-09 (PCT/FR2019/051051)
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[54] **ORAL CARE COMPOSITIONS COMPRISING METAL IONS**
[54] **COMPOSITIONS DE SOINS BUCCODENTAIRES CONTENANT DES IONS METALLIQUES**
[72] PAYNE, MELISSA CHERIE, US
[72] BAIG, ARIF ALI, US
[72] GORDON, GREGORY CHARLES, US
[72] MAO, MIN, US
[72] RAUCKHORST, HOLLY BALASUBRAMANIAN, US
[72] SAGEL, PAUL ALBERT, US
[72] SWARTZ, JEANETTE MARIE, US
[72] TROKHAN, PAUL D., US
[72] CROLL, BRIAN PATRICK, US
[72] NYANGIRO, DINAH ACHOLA, US
[72] ST. JOHN, SAMUEL JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (62/671,078) 2018-05-14
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[54] **METHOD FOR SIMULTANEOUS CLOSED LOOP CONTROL OF GAS ASSIST AND GAS COUNTER PRESSURE IN AN INJECTION MOLDING PROCESS RELATIVE TO PLASTIC MELT PRESSURE AND PLASTIC MELT FLOW POSITION**
[54] **PROCEDE DE COMMANDE SIMULTANEE EN BOUCLE FERMEE DE LA PRESSION D'ASSISTANCE GAZEUSE ET DE CONTRE-PRESSION GAZEUSE DANS UN PROCEDE DE MOULAGE PAR INJECTION PAR RAPPORT A UNE PRESSION DE MASSE FONDUE PLASTIQUE ET A UNE POSITION D'ECOULEMENT DE MATIERE PLASTIQUE FONDUE**
[72] LAWLESS, WILLIAM FRANCIS, US
[72] HANSON, H. KENNETH, US
[72] ALTONEN, GENE MICHAEL, US
[72] HUANG, CHOW-CHI, US
[71] IMFLUX INC., US
[85] 2020-11-12
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[54] **AIRWAY VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE VOIES RESPIRATOIRES**
[72] HARTLEY, BRYAN I., US
[72] PELC, NORBERT, US
[72] AUGUSTIN, DIMITRI, US
[72] REDWOOD, RACQUEL, US
[72] WOLF, ZACH, US
[72] BERKOWITZ, BENJAMIN, US
[72] BEDI, HARMEET, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **LINK 16 TRANSCEIVER WITH INTEGRAL SIGNAL NULLING SYSTEM**
[54] **EMETTEUR-RECEPTEUR DE LIAISON 16 AVEC SYSTEME D'ANNULATION DE SIGNAL INTEGRE**
[72] COOPER, DAVID M., US
[72] CHONGOUSHIAN, JOHN H., US
[71] BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., US
[85] 2020-11-12
[86] 2019-04-23 (PCT/US2019/028711)
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[51] **Int.Cl. G16C 20/30 (2019.01) G16B 20/00 (2019.01) G16B 40/20 (2019.01) G16C 20/70 (2019.01) G16B 5/00 (2019.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTI-MODAL PREDICTION USING A TRAINED STATISTICAL MODEL**
[54] **PROCEDES ET APPAREIL DE PREDICTION MULTIMODALE A L'AIDE D'UN MODELE STATISTIQUE APPRIS**
[72] ROTHBERG, JONATHAN M., US
[72] LICHENSTEIN, HENRI, US
[72] ESER, UMUT, US
[72] MEYER, MICHAEL, US
[72] HERNANDEZ, MARYLENS, US
[72] XU, TIAN, US
[71] QUANTUM-SI INCORPORATED, US
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[30] US (62/678,083) 2018-05-30
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[51] **Int.Cl. A61K 31/7088 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **VIRAL VECTORS EXHIBITING IMPROVED GENE DELIVERY PROPERTIES**
[54] **VECTEURS VIRAUX PRESENTANT DES PROPRIETES D'INSERTION DE GENES AMELIOREES**
[72] CHURCH, GEORGE M., US
[72] KELSIC, ERIC, US
[72] OGDEN, PIERCE, US
[72] SINAI, SAM, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2020-11-12
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[51] **Int.Cl. A23L 33/185 (2016.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23L 33/115 (2016.01) A23L 33/21 (2016.01) A23J 1/14 (2006.01) A23J 3/30 (2006.01) A23L 2/66 (2006.01)**
[25] EN
[54] **HYDROLYZED PEA PROTEIN-BASED NUTRIENT COMPOSITION**
[54] **COMPOSITION NUTRITIONNELLE A BASE DE PROTEINE DE POIS HYDROLYSEE**
[72] LAVER, RICHARD, US
[72] LAVER, MICHELLE, US
[72] MATTHEWS, BRETT, US
[72] PICKAR, WILLIAM, US
[72] COLE, DAVID, US
[72] WITHERLY, STEVEN, US
[72] WITHERLY, CAROLINE, US
[72] MILLOVICH, VANESSA, US
[72] PHREANER, CHRISTINA, US
[71] KATE FARMS INC., US
[85] 2020-11-12
[86] 2019-05-08 (PCT/US2019/031362)
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[51] **Int.Cl. G05B 19/418 (2006.01)**
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[54] **MULTI-DOMAIN PLANNING AND EXECUTION**
[54] **PLANIFICATION ET EXECUTION MULTI-DOMAINES**
[72] FOX, MARIA, GB
[72] LONG, DEREK, GB
[72] ISANGULOV, RUSTAM, CN
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2020-11-12
[86] 2019-05-10 (PCT/US2019/031645)
[87] (WO2019/222033)
[30] US (62/670,737) 2018-05-12
[30] US (62/670,803) 2018-05-13
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[54] **FORMED POLYGON STRUCTURE CONFIGURED TO DISPERSE A MATERIAL UPON IMPACT**
[54] **STRUCTURE POLYGONALE FORMEE CONFIGUREE POUR DISPERSER UN MATERIAU LORS D'UN IMPACT**
[72] ATZMON, JACK A., US
[71] ATZMON, JACK A., US
[85] 2020-11-12
[86] 2019-05-13 (PCT/US2019/031989)
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[25] EN
[54] **SOLUBLE COMPLEMENT RECEPTOR TYPE 1 VARIANTS AND USES THEREOF**
[54] **VARIANTS DE TYPE 1 DU RECEPTEUR DU COMPLEMENT SOLUBLE ET UTILISATIONS ASSOCIEES**
[72] HARDY, MATTHEW, AU
[72] ROWE, TONY, AU
[72] CAO, ZHIHUI (HELEN), AU
[72] BAZ MORELLI, ADRIANA, AU
[72] WYMANN, SANDRA, CH
[71] CSL LIMITED, AU
[85] 2020-11-12
[86] 2019-05-15 (PCT/AU2019/050456)
[87] (WO2019/218009)
[30] AU (2018901703) 2018-05-16

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[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/06 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **ACTIVATING AGENTS**
[54] **AGENTS D'ACTIVATION**
[72] AGREZ, MICHAEL VALENTINE, AU
[71] INTERK PEPTIDE THERAPEUTICS LIMITED, AU
[85] 2020-11-12
[86] 2019-05-15 (PCT/AU2019/050462)
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[30] AU (2018901672) 2018-05-15

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[25] EN
[54] **IMPROVED SENSOR SUB CONFIGURATION**
[54] **CONFIGURATION DE SOUS-ENSEMBLE CAPTEUR AMELIORE**
[72] ALKIER, MICHAEL ALBERT, US
[71] MCCOY GLOBAL INC., CA
[85] 2020-11-12
[86] 2019-05-17 (PCT/CA2019/000073)
[87] (WO2019/218052)
[30] US (62/673,236) 2018-05-18
[30] US (62/713,859) 2018-08-02

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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 47/54 (2017.01) A61K 38/00 (2006.01) A61K 38/08 (2019.01) A61P 37/04 (2006.01)**
[25] EN
[54] **PEPTIDE ACTIVATING AGENT**
[54] **AGENT D'ACTIVATION DE PEPTIDE**
[72] AGREZ, MICHAEL VALENTINE, AU
[71] INTERK PEPTIDE THERAPEUTICS LIMITED, AU
[85] 2020-11-12
[86] 2019-05-15 (PCT/AU2019/050463)
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[25] EN
[54] **SYSTEM AND PROCESS FOR PRODUCING THERMOPLASTIC MATERIAL CONTAINERS**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE CONTENANT EN MATIERE THERMOPLASTIQUE**
[72] ZOPPAS, MATTEO, IT
[72] GRIBAUDO, ENRICO, IT
[72] LE BRUN, RENATO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
[85] 2020-06-11
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[30] IT (102017000145554) 2017-12-18

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[51] **Int.Cl. B65D 55/08 (2006.01) B65D 41/46 (2006.01)**
[25] EN
[54] **PULL BACK CLOSURE**
[54] **FERMETURE A ARRACHAGE**
[72] EDWARDS, SIMON, AU
[71] OURIP PTY LTD, AU
[85] 2020-11-12
[86] 2019-05-16 (PCT/AU2019/050470)
[87] (WO2019/218023)
[30] AU (2018901725) 2018-05-17

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[51] **Int.Cl. H01M 2/20 (2006.01) E21B 47/13 (2012.01) E21B 47/01 (2012.01) G01D 11/24 (2006.01) G01F 15/00 (2006.01) G01K 1/14 (2006.01) G01L 3/00 (2006.01) G01L 19/14 (2006.01) G01P 1/02 (2006.01) H01M 2/04 (2006.01) H01M 2/10 (2006.01)**
[25] EN
[54] **SENSOR ON CLAMP DEVICE**
[54] **DISPOSITIF CAPTEUR A PINCE**
[72] ALKIER, MICHAEL ALBERT, US
[72] PRIOR, DEL ALLEN, US
[71] MCCOY GLOBAL INC., CA
[85] 2020-11-12
[86] 2019-05-17 (PCT/CA2019/000074)
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[30] US (62/673,236) 2018-05-18
[30] US (62/713,859) 2018-08-02

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[51] **Int.Cl. A01H 1/04 (2006.01) A01H 1/02 (2006.01) A01H 1/06 (2006.01) A01H 5/00 (2018.01) A01N 25/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING WEED OF THE AMARANTH GENUS**
[54] **PROCEDES DE LUTTE CONTRE LES MAUVAISES HERBES DU GENRE AMARANTHUS**
[72] LIDOR-NILI, EFRAT, IL
[72] NOIVIRT-BRIK, ORLY, IL
[72] SHWARTZ, IDO, IL
[72] HUET, HERVE, IL
[71] WEEDOUT LTD., IL
[85] 2020-11-02
[86] 2019-05-06 (PCT/IB2019/053688)
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[30] US (62/667,521) 2018-05-06

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[51] **Int.Cl. B67D 1/04 (2006.01) B67D 7/02 (2010.01) B65D 47/08 (2006.01) B65D 77/06 (2006.01)**
[25] EN
[54] **CONNECTOR DEVICE**
[54] **DISPOSITIF RACCORD**
[72] EDWARDS, SIMON, AU
[71] OURIP PTY LTD, AU
[85] 2020-11-12
[86] 2019-05-17 (PCT/AU2019/050483)
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[30] AU (2018901726) 2018-05-17

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[51] **Int.Cl. C07D 307/46 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **BI-PHASIC CONTINUOUS-FLOW TUBULAR REACTOR AND HETEROGENEOUS CATALYSTS PREPARATION METHOD FOR PRODUCTION OF 5-HYDROXYMETHYL FURFURAL**
[54] **REACTEUR TUBULAIRE A FLUX CONTINU DIPHASIQUE ET PROCEDE DE PREPARATION DE CATALYSEURS HETEROGENES POUR LA PRODUCTION DE 5-HYDROXYMETHYLFURFURAL**
[72] XU, CHUNBAO, CA
[72] SOUZANCHI, SADRA, CA
[72] KASANNENI, TIRUMALA VENKATESWARA RAO, CA
[72] YUAN, ZHONGSHUN, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2020-11-12
[86] 2017-06-29 (PCT/CA2017/050792)
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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSING FERTILITY OF EJACULATES FOR ARTIFICIAL INSEMINATION**
[54] **METHODES POUR LE DIAGNOSTIC DE LA FERTILITE D'EJACULATS POUR INSEMINATION ARTIFICIELLE**
[72] COHEN, BARB A., US
[71] AREX LIFE SCIENCES, LLC, US
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[54] **MINE PLANNING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE PLANIFICATION DE MINE**
[72] RUBINSTEIN, JOACHIM HYAM, AU
[72] YARMUCH, JUAN LUIS, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2020-11-12
[86] 2019-05-28 (PCT/AU2019/050529)
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[54] **BUS BAR WITH COOLING PROTRUSIONS**
[54] **BARRE OMNIBUS DOTEE DE SAILLIES DE REFROIDISSEMENT**
[72] DUBE, FRANCOIS, CA
[71] DANA TM4 INC., CA
[85] 2020-11-12
[86] 2019-05-14 (PCT/CA2019/050649)
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[30] US (62/671,081) 2018-05-14

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[51] **Int.Cl. C07C 29/80 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHOD OF REVAMPING OF A PLANT FOR DISTILLATION OF METHANOL**
[54] **PROCEDE DE MODERNISATION D'UNE INSTALLATION DE DISTILLATION DE METHANOL**
[72] OSTUNI, RAFFAELE, CH
[71] CASALE SA, CH
[85] 2020-11-12
[86] 2019-04-10 (PCT/EP2019/059037)
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[51] **Int.Cl. G01N 27/453 (2006.01) B01D 57/02 (2006.01)**
[25] EN
[54] **DEVICE FOR CAPTURING MACROMOLECULES AND METHODS FOR MANUFACTURING AND USING SAME**
[54] **DISPOSITIF DE CAPTURE DE MACROMOLECULES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] SLOBODAN, JARED, CA
[72] NOBLES, ANDREW, CA
[71] COASTAL GENOMICS INC., CA
[85] 2020-11-12
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[25] EN
[54] **HYDROGEL POLYMERS**
[54] **POLYMERES D'HYDROGEL**
[72] ALHAKIMI, GAMIL, CA
[72] ALHAKIMI, HARON, CA
[72] ALHAKIMI, MUSA, CA
[72] ISMAIL, HAITHM, CA
[72] STUDNICKI, LISA, CA
[71] GL CHEMTEC VISION INC., CA
[85] 2020-11-12
[86] 2019-05-15 (PCT/CA2019/050652)
[87] (WO2019/218063)
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[54] **METAL WORKPIECES WITH SHOT BLAST RESISTANT IDENTIFIERS, METHODS AND SYSTEMS FOR LASER-MARKING SUCH IDENTIFIERS**
[54] **PIECES METALLIQUES DOTEES D'IDENTIFIANTS RESISTANTS AU GRENAILLAGE, PROCEDES ET SYSTEMES DE MARQUAGE AU LASER DE TELS IDENTIFIANTS**
[72] FRASER, ALEX, CA
[72] DESCHENES, JEAN-MICHAEL, CA
[72] LANDRY, JEROME, CA
[72] MALTAIS, JULIE, CA
[72] PRUNEAU GODMAIRE, XAVIER, CA
[71] LASERAX INC., CA
[85] 2020-11-12
[86] 2019-05-24 (PCT/CA2019/050707)
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[25] EN
[54] **ZONE PASSAGE CONTROL IN WORKSITE**
[54] **CONTROLE DE PASSAGE DE ZONE DANS UN CHANTIER**
[72] KALLIO, JANNE, FI
[72] LEHTINEN, ANTTI, FI
[72] RUOKOJARVI, JARKKO, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[85] 2020-11-06
[86] 2018-05-09 (PCT/EP2018/061951)
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[51] **Int.Cl. C07D 209/54 (2006.01) A01N 43/38 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **2-BROMO-6-ALKOXYPHENYL-SUBSTITUTED PYRROLIN-2-ONES AND THEIR USE AS HERBICIDES**
[54] **PYRROLIN-2-ONES A SUBSTITUTION 2-BROMO-6-ALCOXYPHENYLE ET LEUR UTILISATION COMME HERBICIDES**
[72] BOJACK, GUIDO, DE
[72] ANGERMANN, ALFRED, DE
[72] REMBIAK, ANDREAS, DE
[72] BUSCATO ARSEQUELL, ESTELLA, DE
[72] LEHR, STEFAN, DE
[72] GATZWEILER, ELMAR, DE
[72] MACHETTIRA, ANU BHEEMAIAH, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2020-11-12
[86] 2019-05-13 (PCT/EP2019/062174)
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[25] EN
[54] **METHOD OF COORDINATING AND INCORPORATING AN ELECTRICAL TRANSFORMER STATION BREAKERS LOW-SET RELAY WITH A RECLOSER IN AN ELECTRIC POWER DISTRIBUTION LINE WITH A FUSE-SAVING SCHEME**
[54] **PROCEDE DE COORDINATION ET D'INCORPORATION D'UN RELAIS SEUIL BAS POUR DISJONCTEUR DE POSTE DE TRANSFORMATION ELECTRIQUE AVEC UN REENCLENCHEUR DANS UNE LIGNE DE DISTRIBUTION D'ENERGIE ELECTRIQUE A SYSTEME D'ECONOMIE DE FUSIBLE**
[72] ALIZADEH, OMID, CA
[72] VENKATESH, BALA, CA
[72] THOMPSON, GARY, CA
[71] ALIZADEH, OMID, CA
[71] VENKATESH, BALA, CA
[71] THOMPSON, GARY, CA
[85] 2020-11-12
[86] 2019-05-29 (PCT/CA2019/050733)
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[54] **EXPERT REPORT EDITOR**
[54] **EDITEUR DE RAPPORT D'EXPERT**
[72] DAVIES, ROGER, AU
[71] INTEX HOLDINGS PTY LTD, AU
[85] 2020-11-12
[86] 2019-05-14 (PCT/AU2019/050452)
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[30] AU (2018901680) 2018-05-15
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[25] EN
[54] **ANTI-HUMAN INTERLEUKIN 17A MONOCLONAL ANTIBODY AND APPLICATION THEREOF**
[54] **ANTICORPS MONOCLONAL ANTI-INTERLEUKINE 17A HUMAINE ET SON APPLICATION**
[72] QIU, JIWAN, CN
[72] QIU, ZHIHUA, CN
[72] CHEN, WEI, CN
[72] CHEN, TAO, CN
[72] KONG, YONG, CN
[72] WU, YILIANG, CN
[71] JIANGSU QYUNS THERAPEUTICS CO., LTD., CN
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[25] EN
[54] **DISPENSING HEAD AND DISPENSING DEVICE FOR THE METERED DISPENSING OF LIQUID PREPARATIONS, AND POSSIBLE USES**
[54] **TETE DE DISTRIBUTION ET DISPOSITIF DE DISTRIBUTION POUR LA DISTRIBUTION DOSEE DE PREPARATIONS LIQUIDES ET LEURS UTILISATIONS POSSIBLES**
[72] LEE, HYECK-HEE, DE
[72] STEINFELD, UTE, DE
[72] MAHLER, MARKUS, DE
[72] HOLZER, FRANK, DE
[71] F. HOLZER GMBH, DE
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[25] EN
[54] **ELEVATED AIRFIELD LIGHT FIXTURE**
[54] **FEU DE BALISAGE SURELEVE**
[72] GONGOLA, PAUL, US
[72] OYELOLA, JR., OLUWOLE GODFRED, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2020-11-12
[86] 2019-05-10 (PCT/EP2019/025145)
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[25] EN
[54] **INDOLINE-1-FORMAMIDE COMPOUND, PREPARATION METHOD THEREFOR AND MEDICAL USE THEREOF**
[54] **COMPOSE D'INDOLINE-1-FORMAMIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION MEDICALE**
[72] CHEN, XIANGYANG, CN
[72] PANG, YUCHENG, CN
[72] GAO, YINGXIANG, CN
[71] BEIJING INNOCARE PHARMA TECH CO., LTD., CN
[85] 2020-11-12
[86] 2019-05-09 (PCT/CN2019/086241)
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[25] EN
[54] **1,3-THIAZOL-2-YL SUBSTITUTED BENZAMIDES FOR THE TREATMENT OF DISEASES ASSOCIATED WITH NERVE FIBER SENSITIZATION**
[54] **BENZAMIDES A SUBSTITUTION 1,3-THIAZOL-2-YL POUR LE TRAITEMENT DE MALADIES ASSOCIEES A LA SENSIBILISATION DE FIBRES NERVEUSES**
[72] HOFMEISTER, LUCAS HUDSON, DE
[72] FISCHER, OLIVER MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2020-11-12
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[54] **METHOD FOR MANAGING THE TELECOMMUNICATION DATA TRAFFIC OF A VERY HIGH THROUGHPUT SATELLITE COMMUNICATION SYSTEM**
[54] **PROCEDE DE GESTION DU TRAFIC DE DONNEES DE TELECOMMUNICATION D'UN SYSTEME DE COMMUNICATION A TRES HAUT DEBIT PAR SATELLITES**
[72] BAUDOIN, CEDRIC, FR
[72] VIME, SANDRA, FR
[72] ONILLON, BERTRAND, FR
[71] THALES, FR
[85] 2020-11-12
[86] 2019-03-19 (PCT/EP2019/056780)
[87] (WO2019/219275)
[30] FR (1800480) 2018-05-17

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[25] EN
[54] **METHOD FOR IMPROVING THE PRODUCTIVITY OF GRINDING PLANTS**
[54] **PROCEDE D'AMELIORATION DE LA PRODUCTIVITE D'INSTALLATIONS DE BROYAGE**
[72] PRIHODA, HELMUT, DE
[71] PRIHODA, HELMUT, DE
[85] 2020-11-12
[86] 2019-05-07 (PCT/DE2019/100414)
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[54] **1,3-THIAZOL-2-YL SUBSTITUTED BENZAMIDES FOR THE TREATMENT OF DISEASES ASSOCIATED WITH NERVE FIBER SENSITIZATION**
[54] **BENZAMIDES SUBSTITUES PAR 1,3-THIAZOL-2-YLE POUR LE TRAITEMENT DE MALADIES ASSOCIEES A LA SENSIBILISATION DES FIBRES NERVEUSES**
[72] FRIEDRICH, CHRISTIAN, DE
[72] GASHAW, ISABELLA, DE
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] FISCHER, OLIVER, MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[30] EP (18172409.7) 2018-05-15

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[51] **Int.Cl. C12Q 1/6883 (2018.01) C12Q 1/6886 (2018.01)**
[25] EN
[54] **DIAGNOSTIC BLOOD TEST**
[54] **ANALYSE SANGUINE A DES FINS DE DIAGNOSTIC**
[72] TOUMPOULIS, IOANNIS, GR
[72] TOUMPOULIS, STAVROS, GR
[71] TWOBULL MEDITHERAPY P.C., GR
[85] 2020-11-12
[86] 2018-05-17 (PCT/EP2018/062897)
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[25] EN
[54] **SYSTEM FOR DETERMINING GASTRIC MOTILITY AND FOR FEEDING A PATIENT**
[54] **SYSTEME DE DETERMINATION DE LA MOTILITE GASTRIQUE ET D'ALIMENTATION D'UN PATIENT**
[72] JANSSEN, PIETER, BE
[72] SLAETS, PETER ANNEMIE JOS IRMA, BE
[72] MORALES TELLEZ, JOHN FREDY, BE
[72] VARON PEREZ, JENNY CAROLINA, BE
[72] VANDEPUT, STEVEN, BE
[72] VAN HUFFEL, SABINE, BE
[72] GOELEN, NICK, BE
[72] TACK, JAN, BE
[71] VIPUN MEDICAL NV, BE
[85] 2020-11-12
[86] 2019-05-14 (PCT/EP2019/062369)
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[30] EP (18172369.3) 2018-05-15

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[51] **Int.Cl. E03B 7/04 (2006.01) F24D 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A CIRCULATION SYSTEM, AND CIRCULATION SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE CIRCULATION ET SYSTEME DE CIRCULATION**
[72] BAWEY, ROBERTO, DE
[72] OPITZ, PATRIC, DE
[72] HEINECKE, OLAF, DE
[71] LTZ - ZENTRUM FUR LUFT- UND TRINKWASSERHYGIENE GMBH, DE
[85] 2020-11-12
[86] 2019-05-15 (PCT/EP2019/062547)
[87] (WO2019/219785)
[30] DE (10 2018 111 579.2) 2018-05-15

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[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01) B65G 1/06 (2006.01)**
[25] EN
[54] **STORAGE GRID WITH CONTAINER ACCESSING STATION WITH LOCKING DEVICE TO LOCK REMOTELY OPERATED VEHICLE**
[54] **GRILLE DE STOCKAGE AVEC POSTE D'ACCES DE CONTENEUR AVEC DISPOSITIF DE VERROUILLAGE POUR VERROUILLER UN VEHICULE ACTIONNE A DISTANCE**
[72] AUSTRHEIM, TROND, NO
[72] GJERDEVIK, OYSTEIN, NO
[72] FAGERLAND, INGVAR, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-12
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[30] NO (20181005) 2018-07-19

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[25] EN
[54] **PHARMACEUTICAL COMPOUNDS FOR USE IN TREATING HUNTINGTON'S DISEASE**
[54] **COMPOSES PHARMACEUTIQUES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA MALADIE DE HUNTINGTON**
[72] DUFFIELD, ANDREW JOHN, GB
[72] PANDYA, ANANT, GB
[71] ADEPTIO PHARMACEUTICALS LIMITED, GB
[85] 2020-11-12
[86] 2019-05-22 (PCT/EP2019/063253)
[87] (WO2019/224269)
[30] GB (1808464.0) 2018-05-23

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[51] **Int.Cl. C07D 333/70 (2006.01) A61K 31/381 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 409/12 (2006.01) C07D 495/04 (2006.01) C07F 9/40 (2006.01)**
[25] EN
[54] **SUBSTITUTED CONDENSED THIOPHENES AS MODULATORS OF STING**
[54] **THIOPHENES CONDENSES SUBSTITUES UTILISES EN TANT QUE MODULATEURS DE STING**
[72] MORROW, BENJAMIN JOSEPH, AU
[72] CAMERINO, MICHELLE ANG, AU
[72] WALKER, SCOTT RAYMOND, AU
[72] STEVENSON, GRAEME IRVINE, AU
[72] STUPPLE, PAUL ANTHONY, AU
[71] CTXT PTY LIMITED, AU
[85] 2020-11-12
[86] 2019-05-16 (PCT/EP2019/062636)
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[30] GB (1807924.4) 2018-05-16

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[51] **Int.Cl. F24F 11/83 (2018.01) F24F 11/65 (2018.01) F24F 11/67 (2018.01)**
[25] EN
[54] **METHOD AND CONTROLLER FOR CONTROLLING A REVERSIBLE HEAT PUMP ASSEMBLY**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE POUR COMMANDER UN ENSEMBLE POMPE A CHALEUR REVERSIBLE**
[72] ROSEN, PER, SE
[72] SKOGSTROM, JACOB, SE
[72] ROSENQVIST, FREDRIK, SE
[72] LINDOFF, BENGT, SE
[71] E.ON SVERIGE AB, SE
[85] 2020-11-12
[86] 2019-06-19 (PCT/EP2019/066151)
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[30] EP (18179738.2) 2018-06-26

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[13] A1
[51] **Int.Cl. A61B 3/00 (2006.01) A61F 2/16 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR CUSTOMISING AN OPTICAL LENS**
[54] **APPAREIL ET PROCEDE DE PERSONNALISATION DE LENTILLE OPTIQUE**
[72] ZAKHAROV, PAVEL, CH
[72] MROCHEN, MICHAEL, CH
[71] VIVIOR AG, CH
[85] 2020-11-12
[86] 2019-04-23 (PCT/EP2019/060274)
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[30] EP (18172663.9) 2018-05-16

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[51] **Int.Cl. A47G 19/22 (2006.01) B29C 65/00 (2006.01) B32B 27/10 (2006.01) B65D 51/16 (2006.01) B65D 51/20 (2006.01)**
[25] EN
[54] **A SEALED CONTAINER FOR BEVERAGES**
[54] **RECIPIENT ETANCHE POUR BOISSONS**
[72] COATES, KEN, IE
[72] ORSBORN, BRIAN, IE
[71] COATES, KEN, IE
[71] ORSBORN, BRIAN, IE
[85] 2020-11-12
[86] 2019-05-16 (PCT/EP2019/062701)
[87] (WO2019/219856)
[30] GB (1808094.5) 2018-05-18
[30] GB (1903043.6) 2019-03-07

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[25] EN
[54] **STEREOSPECIFIC LINKAGES IN RNA EDITING OLIGONUCLEOTIDES**
[54] **LIAISONS STEREOSPECIFIQUES DANS DES OLIGONUCLEOTIDES D'EDITION D'ARN**
[72] BOUDET, JULIEN AUGUSTE GERMAIN, NL
[71] PROQR THERAPEUTICS II B.V., NL
[85] 2020-11-12
[86] 2019-05-13 (PCT/EP2019/062163)
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[30] GB (1808146.3) 2018-05-18

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[51] **Int.Cl. C12N 15/90 (2006.01) C12N 5/0781 (2010.01) C07K 16/00 (2006.01) C12N 9/78 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **ENGINEERING B LYMPHOCYTES BY UTILIZING ENDOGENOUS ACTIVATION-INDUCED CYTIDINE DEAMINASE**
[54] **INGENIERIE DE LYMPHOCYTES B PAR UTILISATION DE CYTIDINE DESAMINASE INDUITE PAR ACTIVATION ENDOGENE**
[72] LANZAVECCHIA, ANTONIO, CH
[72] DE LA ROSA, KATHRIN, DE
[72] PAPARODITIS, PHILIPP, CY
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH
[85] 2020-11-12
[86] 2019-05-29 (PCT/EP2019/064109)
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[13] A1
[51] **Int.Cl. C07D 281/10 (2006.01) A61K 31/554 (2006.01) A61P 5/50 (2006.01) C07D 285/36 (2006.01)**
[25] EN
[54] **BENZOTHIA(DI)AZEPINE COMPOUNDS AND THEIR USE AS BILE ACID MODULATORS**
[54] **COMPOSES DE BENZOTHIA(DI)AZEPINE ET LEUR UTILISATION EN TANT QUE MODULATEURS DE L'ACIDE BILIAIRE**
[72] GILLBERG, PER-GORAN, SE
[72] MATTSSON, JAN, SE
[72] STARKE, INGEMAR, SE
[72] KULKARNI, SANTOSH S., IN
[71] ALBIREO AB, SE
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[87] (WO2019/234077)
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[30] SE (1850915-8) 2018-07-18
[30] IN (201911000892) 2019-01-08

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[51] **Int.Cl. G01N 21/35 (2014.01) B42D 25/382 (2014.01) G07D 7/1205 (2016.01) B41M 3/14 (2006.01) G07D 7/12 (2016.01)**
[25] EN
[54] **METHOD FOR DETECTING PHOSPHATE AND/OR SULPHATE SALTS ON THE SURFACE OF A SUBSTRATE OR WITHIN A SUBSTRATE, USE OF A LWIR DETECTING DEVICE AND A LWIR IMAGING SYSTEM**
[54] **PROCEDE DE DETECTION DE SELS DE PHOSPHATE ET/OU DE SULFATE SUR LA SURFACE D'UN SUBSTRAT OU A L'INTERIEUR D'UN SUBSTRAT, UTILISATION D'UN DISPOSITIF DE DETECTION LWIR ET SYSTEME D'IMAGERIE LWIR**
[72] BOLLSTROM, ROGER, CH
[72] HETTMANN, KAI MAX, DE
[71] OMYA INTERNATIONAL AG, CH
[85] 2020-11-12
[86] 2019-07-19 (PCT/EP2019/069475)
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[51] **Int.Cl. G01C 25/00 (2006.01) G01C 21/16 (2006.01)**
[25] FR
[54] **METHOD FOR HARMONISING TWO INERTIAL MEASUREMENT UNITS WITH ONE ANOTHER AND NAVIGATION SYSTEM IMPLEMENTING THIS METHOD**
[54] **PROCEDE D'HARMONISATION DE DEUX UNITES DE MESURE INERTIELLE L'UNE AVEC L'AUTRE ET SYSTEME DE NAVIGATION METTANT EN OEUVRE CE PROCEDE**
[72] ROBERT, EMMANUEL, FR
[72] ELIE, PHILIPPE, FR
[72] AGOSTINI, PASCAL, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2020-11-12
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[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING OCULAR DISEASE WITH AN INTRAOCULAR LENS AND REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'UNE PATHOLOGIE OCULAIRE A L'AIDE D'UNE LENTILLE INTRAOCULAIRE ET UNE ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
[85] 2020-11-12
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[51] **Int.Cl. B01F 15/00 (2006.01) G01F 23/292 (2006.01) G01N 21/90 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING A DRIVE MECHANISM OF AN AUTOMATED INSPECTION SYSTEM FOR INDUCING MOTION TO A CONTAINER PARTIALLY FILLED WITH A LIQUID**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE D'UN MECANISME D'ENTRAINEMENT D'UN SYSTEME D'INSPECTION AUTOMATISE POUR INDUIRE UN MOUVEMENT VERS UN RECIPIENT PARTIELLEMENT REMPLI D'UN LIQUIDE**
[72] STIRNIMANN, CHRISTIAN, CH
[71] WILCO AG, CH
[85] 2020-11-12
[86] 2019-06-06 (PCT/EP2019/064746)
[87] (WO2019/234138)
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[25] EN
[54] **BCMA/CD3 AND GPRDC5D/CD3 BISPECIFIC ANTIBODIES FOR USE IN CANCER THERAPY**
[54] **ANTICORPS BISPECIFIQUES BCMA/CD3 ET GPRDC5D/CD3 AUX FINS D'UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] ADAMS, HOMER, US
[72] GAUDET, FRANCOIS, US
[72] FRERICHS, KRIS, NL
[72] VAN DE DONK, NIELS, NL
[72] VERKLEIJ, CHRISTIE, NL
[71] JANSSEN BIOTECH, INC., US
[71] STICHTING VUMC, NL
[85] 2020-11-12
[86] 2019-05-15 (PCT/IB2019/054033)
[87] (WO2019/220368)
[30] US (62/672,222) 2018-05-16
[30] US (62/736,804) 2018-09-26
[30] US (62/842,080) 2019-05-02

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/00 (2006.01) A61P 35/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NOVEL FUSION PROTEIN SPECIFIC FOR CD137 AND PD-L1**
[54] **NOUVELLE PROTEINE DE FUSION SPECIFIQUE A CD137 ET PD-L1**
[72] PAVLIDOU, MARINA, DE
[72] PATTARINI, LUCIA, FR
[72] SCHOLER-DAHIREL, ALIX, FR
[72] ROTHE, CHRISTINE, DE
[72] OLWILL, SHANE, DE
[72] BEL AIBA, RACHIDA, DE
[72] HINNER, MARLON, DE
[72] PEPER, JANET, DE
[71] PIERIS PHARMACEUTICALS GMBH, DE
[71] LES LABORATOIRES SERVIER, FR
[85] 2020-11-12
[86] 2019-07-31 (PCT/EP2019/070596)
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[30] EP (18186445.5) 2018-07-31
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[51] **Int.Cl. C09D 5/00 (2006.01) C08K 3/013 (2018.01) C08K 3/34 (2006.01) C09C 1/00 (2006.01) C09C 1/28 (2006.01) C09C 3/08 (2006.01) C09C 3/10 (2006.01) C09C 3/12 (2006.01)**
[25] EN
[54] **SILANE TREATED ANHYDROUS KAOLIN AND OTHER MINERALS**
[54] **KAOLIN ANHYDRE ET AUTRES MINERAUX TRAITES AU SILANE**
[72] BLOSSOM, GEORGE, US
[72] YORK, BEN, US
[71] BURGESS PIGMENT COMPANY, US
[85] 2020-11-12
[86] 2018-09-27 (PCT/US2018/053102)
[87] (WO2019/221768)
[30] US (62/672,196) 2018-05-16

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[13] A1
[51] **Int.Cl. B29C 67/24 (2006.01) B29C 37/00 (2006.01)**
[25] EN
[54] **IMPROVEMENT IN WALL CLADDING AND SIDING ELEMENTS**
[54] **PERFECTIONNEMENT APPORTE A DES ELEMENTS DE REVETEMENT MURAL ET DE BARDAGE**
[72] MOREELS, ALEXANDRE, BE
[71] POLYSTO, BE
[85] 2020-11-12
[86] 2019-05-17 (PCT/EP2019/062782)
[87] (WO2019/219900)
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[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL ABLATION INSTRUMENT**
[54] **INSTRUMENT D'ABLATION ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] SWAIN, SANDRA MAY, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2020-11-12
[86] 2019-05-14 (PCT/EP2019/062311)
[87] (WO2019/224049)
[30] GB (1808165.3) 2018-05-19

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01) B65G 1/137 (2006.01) B65G 43/00 (2006.01) B65G 43/02 (2006.01) G05B 19/418 (2006.01) G05D 1/02 (2020.01)**
[25] EN
[54] **METHOD FOR HANDLING MALFUNCTIONING VEHICLES ON A RAIL SYSTEM AND A STORAGE AND RETRIEVAL SYSTEM USING SUCH A METHOD**
[54] **PROCEDE DE MANIPULATION DE VEHICULES FONCTIONNANT MAL SUR UN SYSTEME DE RAILS ET SYSTEME DE STOCKAGE ET D'EXTRACTION UTILISANT UN TEL PROCEDE**
[72] STUHAUG, RAGNAR, NO
[72] GJERDEVIK, OYSTEIN, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-11-12
[86] 2019-06-11 (PCT/EP2019/065185)
[87] (WO2019/238662)
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19
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[13] A1
[51] **Int.Cl. F23N 5/02 (2006.01) F23N 5/24 (2006.01)**
[25] EN
[54] **HEATING APPARATUS COMPRISING COMBUSTIBLE GAS BURNER**
[54] **APPAREIL DE CHAUFFAGE COMPRENANT UN BRULEUR A GAZ COMBUSTIBLE**
[72] BENVENUTO, MICHELE, IT
[72] CISCATO, MICHELE, US
[71] SIT S.P.A., IT
[85] 2020-11-12
[86] 2019-05-17 (PCT/EP2019/062869)
[87] (WO2019/224128)
[30] IT (102018000005549) 2018-05-21

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[13] A1
[51] **Int.Cl. B61L 3/00 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **HIGH-INTEGRITY AUTONOMOUS SYSTEM FOR LOCATING A TRAIN IN A RAILWAY NETWORK REFERENCE SYSTEM**
[54] **SYSTEME DE LOCALISATION INTEGRE ET AUTONOME D'UN TRAIN DANS UN REFERENTIEL DE RESEAU FERROVIAIRE**
[72] VERCIER, NICOLAS, FR
[72] MEHLEN, CHRISTIAN, FR
[72] BOUVET, DENIS, FR
[72] LAVIRON, PHILIPPE, FR
[71] THALES, FR
[85] 2020-10-30
[86] 2019-04-30 (PCT/EP2019/061110)
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[30] FR (18/00423) 2018-05-03

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4162 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND AND USE THEREOF**
[54] **COMPOSE HETEROCYCLIQUE ET SON UTILISATION**
[72] OGURO, YUYA, JP
[72] MATSUMOTO, SHIGEMITSU, JP
[72] WAKABAYASHI, TAKESHI, JP
[72] TOKUNAGA, NORIHITO, JP
[72] KAMEI, TAKU, JP
[72] ITO, MITSUHIRO, JP
[72] MIKAMI, SATOSHI, JP
[72] SETO, MASAKI, JP
[72] MORIMOTO, SHINJI, JP
[72] NAKAMURA, SHINJI, JP
[72] TAKASHIMA, SACHIE, JP
[72] MURAKAMI, MASATAKA, JP
[72] DAINI, MASAKI, JP
[72] KAMATA, MAKOTO, JP
[72] NAKAMURA, MINORU, JP
[72] KAKEI, HIROYUKI, JP
[72] TAKAMI, KAZUAKI, JP
[72] TAWARAISHI, TAISUKE, JP
[72] AIDA, JUMPEI, JP
[72] HIWANAGA, KOUICHI, JP
[72] YAMAMOTO, SATOSHI, JP
[72] IWANAGA, KOUICHI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2020-09-09
[86] 2019-03-27 (PCT/JP2019/014901)
[87] (WO2019/189945)
[30] JP (2018-062939) 2018-03-28

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[13] A1
[51] **Int.Cl. C03C 25/44 (2006.01) C01B 32/23 (2017.01) C08K 3/04 (2006.01)**
[25] FR
[54] **THERMAL INSULATION MATERIAL COMPRISING PARTIALLY OXIDIZED GRAPHITE OXIDE PARTICLES**
[54] **MATERIAU D'ISOLATION THERMIQUE COMPRENANT DES PARTICULES D'OYDE DE GRAPHITE PARTIELLEMENT OXYDEES**
[72] AZEVEDO, JOEL, FR
[72] GRIGOROVA-MOUTIERS, VENETA, FR
[71] SAINT-GOBAIN ISOVER, FR
[85] 2020-11-02
[86] 2019-04-30 (PCT/FR2019/051006)
[87] (WO2019/211559)
[30] FR (1870534) 2018-05-04

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[13] A1
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **LINER HANGER WITH HARDENED ANCHORING RIDGES**
[54] **DISPOSITIF DE SUSPENSION DE COLONNE PERDUE AVEC ARETES D'ANCRAGE DURCIES**
[72] HAZELIP, GARY LYNN, US
[71] HALLIBURTON ENERGY SERVICES,INC., US
[85] 2020-11-12
[86] 2018-08-14 (PCT/US2018/046702)
[87] (WO2020/036592)

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[13] A1
[51] **Int.Cl. G16H 10/40 (2018.01) G06F 5/01 (2006.01)**
[25] EN
[54] **METHOD FOR THE HARMONIZATION OF ASSAY RESULTS**
[54] **PROCEDE POUR L'HARMONISATION DE RESULTATS D'ANALYSE**
[72] MATSSON, PER, SE
[72] ANDERSSON, KARL, SE
[72] BERNARDO, JOSEPH, US
[71] PHADIA AB, SE
[85] 2020-07-22
[86] 2019-01-22 (PCT/US2019/014529)
[87] (WO2019/144112)
[30] US (62/620,114) 2018-01-22

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[51] **Int.Cl. A47C 27/06 (2006.01)**
[25] EN
[54] **LOW DENSITY POCKET SPRING MATTRESS WITH INTEGRATED CUSHIONING PADS**
[54] **MATELAS A RESSORTS ENSACHES DE FAIBLE DENSITE A COUSSINETS D'AMORTISSEMENT INTEGRES**
[72] STJERNA, NILS ERIC, SE
[71] STARSPRINGS AB, SE
[85] 2020-11-12
[86] 2019-06-17 (PCT/EP2019/065851)
[87] (WO2019/243242)
[30] EP (18178596.5) 2018-06-19

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL BENZODIAZEPINE DERIVATIVES AND USES THEREOF**
[54] **NOUVEAUX DERIVES DE BENZODIAZEPINE ET LEURS UTILISATIONS**
[72] PARK, TAEKYO, KR
[72] WOO, SUNG HO, KR
[72] KIM, SUNYOUNG, KR
[72] PARK, SUHO, KR
[72] CHO, JONGUN, KR
[72] JUNG, DOOHWAN, KR
[72] SEO, DONGHOON, KR
[72] LEE, JAEHO, KR
[72] LEE, SANGKWANG, KR
[72] YUN, SANGHYEON, KR
[72] LEE, HYANG SOOK, KR
[72] PARK, OKKU, KR
[72] SEO, BEOMSEOK, KR
[72] KIM, SENA, KR
[72] SEOL, MINAH, KR
[71] INTOCELL, INC., KR
[85] 2020-11-12
[86] 2019-05-29 (PCT/IB2019/000691)
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[30] US (62/677,498) 2018-05-29

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[13] A1
[51] **Int.Cl. B66B 5/04 (2006.01) F16D 59/00 (2006.01)**
[25] EN
[54] **DETACHABLE CENTRIFUGAL BRAKE FOR LIFT EQUIPMENT**
[54] **FREIN CENTRIFUGE DESACCOUPLABLE POUR EQUIPEMENT ELEVATEUR**
[72] ROMEU ARGEMI, ENRIC, ES
[72] SAUMELL MESTRE, SERGI, ES
[71] EMBRAGATGES I DERIVATS, S.A., ES
[85] 2020-11-12
[86] 2019-05-17 (PCT/ES2019/070329)
[87] (WO2019/234267)
[30] ES (P201830559) 2018-06-08

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[13] A1
[51] **Int.Cl. A23G 3/42 (2006.01)**
[25] EN
[54] **PREBIOTIC GUMMY FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES GOMMEUX PREBIOTIQUES**
[72] NIETO, MARCELIANO B., US
[71] CORN PRODUCTS DEVELOPMENT, INC., US
[85] 2020-08-19
[86] 2019-01-11 (PCT/US2019/013296)
[87] (WO2019/168594)
[30] US (62/635,979) 2018-02-27

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[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/00 (2006.01) A61K 31/519 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **ORAL SOLUTION FORMULATION**
[54] **FORMULATION DE SOLUTION ORALE**
[72] JAIN, ASHWINKUMAR, US
[72] YU, WEILI, US
[71] PFIZER INC., US
[85] 2020-11-12
[86] 2019-05-03 (PCT/IB2019/053650)
[87] (WO2019/220253)
[30] US (62/671,208) 2018-05-14
[30] US (62/835,278) 2019-04-17

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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/519 (2006.01) A61K 47/10 (2017.01) A61K 47/38 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **FORMULATIONS/COMPOSITIONS COMPRISING IBRUTINIB**
[54] **FORMULATIONS/COMPOSITIONS COMPRENANT DE L'IBRUTINIB**
[72] BERNINI, MARISTELLA, BE
[72] DONG, WENYU, BE
[72] HOLM, RENE, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2020-11-12
[86] 2019-06-14 (PCT/EP2019/065637)
[87] (WO2019/238904)
[30] EP (18177987.7) 2018-06-15

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[13] A1
[51] **Int.Cl. C01D 15/02 (2006.01) C01D 15/08 (2006.01) C22B 26/12 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING LITHIUM HYDROXIDE**
[54] **PROCEDE DE RECUPERATION D'HYDROXYDE DE LITHIUM**
[72] TIIHONEN, MARIKA, FI
[72] HAAVANLAMMI, LIISA, FI
[72] KOLEHMAINEN, EERO, FI
[72] KINNUNEN, SAMI, FI
[72] SAVIKANGAS, JUHO, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2020-11-12
[86] 2019-04-05 (PCT/FI2019/050275)
[87] (WO2019/220004)
[30] FI (PCT/FI2018/050377) 2018-05-18

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/17 (2015.01) A61K 35/12 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **A CD79-SPECIFIC CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR D'ANTIGENE CHIMERIQUE SPECIFIQUE DE CD79**
[72] PULE, MARTIN, GB
[72] CORDOBA, SHAUN, GB
[72] THOMAS, SIMON, GB
[72] ONUOHA, SHIMOBI, GB
[72] FERRARI, MATHIEU, GB
[71] AUTOLUS LIMITED, GB
[85] 2020-11-12
[86] 2019-05-15 (PCT/GB2019/051331)
[87] (WO2019/220110)
[30] GB (1807870.9) 2018-05-15

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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **OPHTHALMIC LASER SURGICAL SYSTEM AND METHOD FOR CORNEAL LENTICULAR INCISIONS WITH UNAMBIGUOUS ENTRY CUTS**
[54] **SYSTEME CHIRURGICAL LASER OPHTALMIQUE ET PROCEDE POUR INCISIONS LENTICULAIRES CORNEENNES AVEC DES DECOUPES D'ENTREE NON AMBIGUES**
[72] FU, HONG, US
[72] MALEK TABRIZI, ALIREZA, US
[72] KHATIBZADEH, NIMA, US
[72] HILL, JAMES E., US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-12
[86] 2019-08-28 (PCT/IB2019/057245)
[87] (WO2020/049416)
[30] US (16/121,482) 2018-09-04

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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/00 (2006.01) A61B 18/20 (2006.01) G02F 1/00 (2006.01)**
[25] EN
[54] **DETECTION OF OPTICAL SURFACE OF PATIENT INTERFACE FOR OPHTHALMIC LASER APPLICATIONS USING A NON-CONFOCAL CONFIGURATION**
[54] **DETECTION DE LA SURFACE OPTIQUE D'UNE INTERFACE PATIENT DESTINEE A DES APPLICATIONS LASERS OPHTALMIQUES UTILISANT UNE CONFIGURATION NON CONFOCALE**
[72] RAHAMAN, MOHAMMAD SAIDUR, US
[72] FU, HONG, US
[72] ACCURSO, ROGER W., US
[72] WITOWSKI, ZENON, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-12
[86] 2019-08-19 (PCT/IB2019/056982)
[87] (WO2020/039329)
[30] US (16/112,507) 2018-08-24

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[13] A1
[51] **Int.Cl. B67B 3/062 (2006.01) B65B 7/28 (2006.01) B65G 11/02 (2006.01)**
[25] EN
[54] **ULTRA-CLEAN OR ASEPTIC CHAMBER POUCH FILLING MACHINE**
[54] **MACHINE DE REMPLISSAGE DE SACHET ULTRA-PROPRE OU A CHAMBRE ASEPTIQUE**
[72] PRESOTTO, WALTER, IT
[71] GUALA PACK S.P.A., IT
[85] 2020-11-12
[86] 2019-05-10 (PCT/IB2019/053871)
[87] (WO2019/229561)
[30] IT (102018000005871) 2018-05-30

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS OF TREATING CANCERS AND ENHANCING EFFICACY OF T CELL REDIRECTING THERAPEUTICS**
[54] **PROCEDES DE TRAITEMENT DE CANCERS ET D'AMELIORATION DE L'EFFICACITE D'AGENTS THERAPEUTIQUES DE REDIRECTION DE LYMPHOCYTES T**
[72] ADAMS, HOMER, US
[72] GAUDET, FRANCOIS, US
[72] FRERICHS, KRIS, NL
[72] VAN DE DONK, NIELS, NL
[72] VERLEIJ, CHRISTIE C.P.M., NL
[71] JANSSEN BIOTECH, INC., US
[71] STICHTING VUMC, NL
[85] 2020-11-12
[86] 2019-05-15 (PCT/IB2019/054034)
[87] (WO2019/220369)
[30] US (62/672,222) 2018-05-16
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[54] **RELAIS D'AMORCAGE D'ELEMENT DE BOUCHAGE**
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[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **ATOMIZER AND AEROSOL DELIVERY DEVICE**
[54] **ATOMISEUR ET DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] HEJAZI, VAHID, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[54] **PROCESS FOR THE PREPARATION OF APALUTAMIDE**
[54] **PROCEDE POUR LA PREPARATION D'APALUTAMIDE**
[72] GRANDE, VALENTINA, IT
[72] FERRETTI, GABRIELE, IT
[72] NOVO, BARBARA, IT
[71] OLON S.P.A., IT
[85] 2020-11-12
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[54] **PORTABLE MEDICAL VENTILATOR SYSTEM USING PORTABLE OXYGEN CONCENTRATORS**
[54] **SYSTEME PORTABLE DE VENTILATEUR MEDICAL UTILISANT DES CONCENTRATEURS PORTABLES D'OXYGENE**
[72] AHMAD, SAMIR SALEH, US
[71] AHMAD, SAMIR SALEH, US
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[54] **METHOD AND COMPOSITION FOR SEALING A SUBSURFACE FORMATION**
[54] **PROCEDE ET COMPOSITION POUR SCELLER UNE FORMATION SOUTERRAINE**
[72] KALGAONKAR, RAJENDRA ARUNKUMAR, SA
[72] WAGLE, VIKRANT, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **GENERATION OF RANDOM NUMBERS THROUGH THE USE OF QUANTUM-OPTICAL EFFECTS WITHIN A MULTI-LAYERED BIREFRINGENT STRUCTURE**
[54] **GENERATION DE NOMBRES ALEATOIRES GRACE A L'UTILISATION D'EFFETS D'OPTIQUE QUANTIQUE DANS UNE STRUCTURE BIREFRINGENTE MULTICOUCHE**
[72] SCARLETT, CAROL Y., US
[71] SCARLETT, CAROL Y., US
[85] 2020-11-12
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[54] **SYSTEMS AND METHODS FOR PERFORMING AUTOMATED FASTENER SELECTION**
[54] **SYSTEMES ET PROCEDES DE REALISATION D'UNE SELECTION AUTOMATISEE D'ELEMENT DE FIXATION**
[72] ROSSI, ADAM, US
[71] INDIE LLC, US
[85] 2020-09-11
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[54] **PPPOE EXTENSION OVER LAYER 2 SWITCH EMBEDDING PPPOE AGENT**
[54] **EXTENSION PPPOE SUR UN COMMUTATEUR DE COUCHE 2 INCORPORANT UN AGENT PPPOE**
[72] WANG, MU-CHENG, US
[72] D'AMICO, MARIO, US
[71] RAYTHEON COMPANY, US
[85] 2020-11-12
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[54] **ALKALINE OXIDATION METHODS AND SYSTEMS FOR RECOVERY OF METALS FROM ORES**
[54] **PROCEDES ET SYSTEMES D'OXYDATION ALCALINE POUR LA RECUPERATION DE METAUX A PARTIR DE MINERAIS**
[72] BUFFINGTON, RANDY, US
[71] HYCROFT MINING CORPORATION, US
[85] 2020-11-12
[86] 2019-05-14 (PCT/US2019/032310)
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[54] **POINCARE DISPLAY TO ASSESS AUTONOMIC ENGAGEMENT RESPONSIVE TO VAGUS NERVE STIMULATION**
[54] **AFFICHAGE DE POINCARE POUR EVALUER UNE MISE EN PRISE AUTONOME EN REPONSE A UNE STIMULATION DU NERF VAGUE**
[72] LIBBUS, IMAD, US
[72] STUBBS, SCOTT R., US
[72] MAZAR, SCOTT, US
[72] KENKNIGHT, BRUCE, US
[72] AMURTHUR, BADRI, US
[71] LIVANOVA USA, INC., US
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[54] **UE AND COMMUNICATION METHOD THEREFOR**
[54] **UE ET PROCEDE DE COMMUNICATION ASSOCIE**
[72] ARAMOTO, MASAFUMI, JP
[72] TAKAKURA, TSUYOSHI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **BENZIMIDAZOLE COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDAL AND ACARICIDAL AGENT CONTAINING SAID COMPOUND, AND METHOD FOR USING SAME**
[54] **COMPOSE DE BENZIMIDAZOLE OU SEL DE CELUI-CI, AGENT INSECTICIDE ET ACARICIDE AGRICOLE ET HORTICOLE CONTENANT LEDIT COMPOSE, ET PROCEDE D'UTILISATION ASSOCIE**
[72] FUJIHARA, HIROKAZU, JP
[72] ABE, YUTAKA, JP
[72] TANAKA, RYOSUKE, JP
[72] FUCHI, SHUNSUKE, JP
[71] NIHON NOHYAKU CO., LTD., JP
[85] 2020-11-12
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[54] **BATTERY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE BATTERIE**
[72] SUZUKI, DAISUKE, JP
[71] RESC, LTD., JP
[85] 2020-11-12
[86] 2019-06-26 (PCT/JP2019/025487)
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[54] **MELANGE DE SUBSTITUTION D'□UF**
[72] DAVID, AMIEL, IL
[71] ZERO EGG LTD., IL
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[54] **COMPOSITION FOR TISSUE REPAIR AND MANUFACTURING METHOD THEREFOR**
[54] **COMPOSITION POUR REPARATION TISSULAIRE ET SON PROCEDE DE FABRICATION**
[72] YU, JAE WON, KR
[72] SHIM, MYUNG SEOB, KR
[72] KIM, JUN BAE, KR
[71] DEXLEVO INC., KR
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[54] **ANTICORPS ANTI-BCMA ET UTILISATION ASSOCIEE**
[72] PARK, KYUNGJIN, KR
[72] CHUNG, HYEJIN, KR
[72] PARK, KYEONGSU, KR
[72] LEE, YANGSOON, KR
[72] CHANG, MIKYUNG, KR
[72] JEON, JAEHYOUNG, KR
[72] KIM, YOUNGKWANG, KR
[72] JEONG, JUNHYUN, KR
[72] YOO, JISEON, KR
[72] KIM, YEUNJU, KR
[72] YEOM, DONGHOON, KR
[72] KIM, EUNJUNG, KR
[72] LEE, BORA, KR
[72] JUNG, JINWON, KR
[71] ABL BIO, INC., KR
[85] 2020-11-12
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[54] **DIPEPTIDYL KETOAMIDE META-METHOXYPHENYL DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE META-METHOXYPHENYLE DE DIPEPTIDYLE-CETOAMIDE ET LEURS UTILISATIONS**
[72] LLENAS CALVO, JESUS, ES
[72] ROYO EXPOSITO, MIRIAM, ES
[72] ELEZCANO DONAIRE, UNAI, ES
[72] VAZQUEZ TATAY, ENRIQUE, ES
[72] MELGAREJO DIAZ, MARTA, ES
[72] BARRANCO GALLARDO, MARTA ISABEL, ES
[72] MEDINA FUENTES, EVA MA, ES
[71] LANDSTEINER GENMED, S.L., ES
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[54] **A MEDICAL FRAMED BARRIER AND DISCHARGE FACE MASK**
[54] **MASQUE MEDICAL DE TYPE A BARRIERE ET A EVACUATION (ET VARIANTES)**
[72] BELOUSOV, VLADIMIR EGOROVICH, RU
[72] BELOUSOV, MAKSIM VLADIMIROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "M.AERO", RU
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[54] **ROCK BOLTING RIG AND METHOD AT ROCK BOLTING RIG**
[54] **APPAREIL DE FORAGE DE BOULONNAGE DE ROCHE ET PROCEDE CONCERNANT UN APPAREIL DE FORAGE DE BOULONNAGE DE ROCHE**
[72] EKEFALK, MARTIN, SE
[72] OLSSON, JAN, SE
[72] LARSSON, BJORN ANDERS, SE
[72] DEUTSCH, RENE, SE
[72] GUSTAVSSON, HANS, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[54] **AN ANTIMICROBIAL COMPOSITION**
[54] **COMPOSITION ANTIMICROBIENNE**
[72] HOLOPAINEN, KARI, FI
[71] NORDIC BIOTECH GROUP OY, FI
[85] 2020-11-10
[86] 2019-05-10 (PCT/FI2019/050374)
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[54] **ELECTROLYTIC GAS GENERATOR WITH COMBINED LEAD AND GAS PORT TERMINALS**
[54] **GENERATEUR DE GAZ ELECTROLYTIQUE DOTE DE BORNES DE FIL ET D'ORIFICE DE GAZ COMBINEES**
[72] SCHWENK, MELISSA N., US
[72] STONE, SIMON G., US
[71] GINER LIFE SCIENCES, INC., US
[85] 2020-11-12
[86] 2019-05-17 (PCT/US2019/032990)
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[54] **MANIFOLDS FOR A MEDICAL WASTE COLLECTION ASSEMBLY AND METHODS OF COLLECTING A TISSUE SAMPLE WITH THE SAME**
[54] **COLLECTEURS POUR ENSEMBLE DE COLLECTE DE DECHETS MEDICAUX ET PROCEDES DE COLLECTE D'UN ECHANTILLON DE TISSU AU MOYEN DE CEUX-CI**
[72] ZOLLINGER, MICHAEL, US
[72] PETERSON, MICHAEL, US
[71] STRYKER CORPORATION, US
[85] 2020-11-12
[86] 2019-05-17 (PCT/US2019/032911)
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[30] US (62/685,792) 2018-06-15
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[54] **VETEMENT DE CONTENTION ET PROCEDE ASSOCIE**
[72] COLLINS, LARRY W., US
[72] CLARK, PHILLIP T., US
[71] BSN MEDICAL, INC., US
[85] 2020-11-12
[86] 2018-05-16 (PCT/US2018/032922)
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[54] **RAPID STALK STRENGTH ASSESSMENT**
[54] **EVALUATION RAPIDE DE LA RESISTANCE DES TIGES**
[72] MARZU, JEN, US
[72] NORDBY, JONATHAN N., US
[72] PATAKY, JERALD K., US
[72] PESHLOV, BOYAN N., US
[72] WEYHRICH, ROGER A., US
[71] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR USE OF A DOSIMETRY APPLICATION SOFTWARE TOOL TO CUSTOMIZE DOSIMETRY AND SPHERE SELECTION FOR RADIOEMBOLIZATION PROCEDURE PLANNING**
[54] **SYSTEMES ET PROCEDES D'UTILISATION D'UN OUTIL LOGICIEL D'APPLICATION DE DOSIMETRIE POUR PERSONNALISER LA SELECTION DE DOSIMETRIE ET DE SPHERE POUR UNE PLANIFICATION DE PROCEDURE DE RADIO-EMBOLISATION**
[72] HEBERT, CASEY TYLER, US
[72] WRIGHT, MARK NICHOLAS, US
[72] PUSATERI, LEE, US
[72] BASCIANO, CHRISTOPHER, US
[72] BALASUBRAMANIAN, SIVARAMAKRISHNAN, US
[71] BARD PERIPHERAL VASCULAR, INC., US
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[25] EN
[54] **PATCH ANTENNA DESIGN FOR EASY FABRICATION AND CONTROLLABLE PERFORMANCE AT HIGH FREQUENCY BANDS**
[54] **CONCEPTION D'ANTENNE A PLAQUE POUR UNE FABRICATION FACILE ET DES PERFORMANCES REGLABLES SUR DES BANDES DE HAUTES FREQUENCES**
[72] JANG, TAEHEE, US
[72] TAMBE, NIHARIKA, US
[72] RAGOS, JORDAN, US
[72] SUNDARARJAN, NIRANJAN, US
[71] JOHN MEZZALINGUA ASSOCIATES, LLC, US
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[25] EN
[54] **MICROSPHERES CONTAINING RADIOACTIVE ISOTOPES AND OTHER MARKERS, AND ASSOCIATED METHODS**
[54] **MICROSPHERES CONTENANT DES ISOTOPES RADIOACTIFS ET D'AUTRES MARQUEURS, ET PROCEDES ASSOCIES**
[72] DROBNIK, CHRISTOPHER D., US
[72] CRUSE, TERRY, US
[71] BARD PERIPHERAL VASCULAR, INC., US
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[30] US (62/673,632) 2018-05-18
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING OXYGEN DELIVERY TO IMPLANTED CELLS**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'APPORT D'OXYGENE A DES CELLULES IMPLANTEES**
[72] STONE, SIMON G., US
[71] GINER LIFE SCIENCES, INC., US
[85] 2020-11-12
[86] 2019-05-14 (PCT/US2019/032296)
[87] (WO2019/222273)
[30] US (62/671,298) 2018-05-14

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[54] **MOLECULAR GENE SIGNATURES AND METHODS OF USING SAME**
[54] **SIGNATURES GENETIQUES MOLECULAIRES ET LEURS METHODES D'UTILISATION**
[72] WARREN, SARAH, US
[72] DANAHER, PATRICK, US
[71] NANOSTRING TECHNOLOGIES, INC., US
[85] 2020-11-12
[86] 2019-05-20 (PCT/US2019/033052)
[87] (WO2019/226514)
[30] US (62/674,285) 2018-05-21
[30] US (62/747,853) 2018-10-19

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[54] **SYSTEME D'ALARME DE SECURITE COMPRENANT UNE ETIQUETTE RFID**
[72] CARLSON, JUSTIN, CA
[72] CARLSON, JULIAN, CA
[71] 1010210 B.C. LTD., CA
[85] 2020-11-13
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[51] **Int.Cl. A61K 31/5513 (2006.01) A61P 35/00 (2006.01) C07D 243/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BISFLUOROALKYL-1,4-BENZODIAZEPINONE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DES COMPOSES DE BISFLUOROALKYL-1,4-BENZODIAZEPINONE ET METHODES D'UTILISATION ASSOCIEES**
[72] FISCHER, BRUCE S., US
[72] BAJAJ, GAURAV, US
[72] SIDRANSKY, DAVID, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[71] AYALA PHARMACEUTICALS INC., US
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032326)
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[30] US (62/671,748) 2018-05-15

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[51] **Int.Cl. B65F 3/06 (2006.01) B65F 3/04 (2006.01) B65F 3/28 (2006.01)**
[25] EN
[54] **REFUSE VEHICLE BODY ASSEMBLY**
[54] **ENSEMBLE DE CARROSSERIE DE VEHICULE A ORDURES**
[72] JAX, KEVIN G., US
[72] WECKWERTH, CLINTON, US
[71] OSHKOSH CORPORATION, US
[85] 2020-11-12
[86] 2019-05-20 (PCT/US2019/033171)
[87] (WO2019/226569)
[30] US (62/674,894) 2018-05-22

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[13] A1
[51] **Int.Cl. A61K 47/60 (2017.01) A61P 37/00 (2006.01)**
[25] EN
[54] **SELECTIVE TREG STIMULATOR RUR20KD-IL-2 AND RELATED COMPOSITIONS**
[54] **STIMULATEUR DE TREG SELECTIF R20KD-IL-2 ET COMPOSITIONS ASSOCIEES**
[72] KIRK, PETER BENEDICT, GB
[72] LANGOWSKI, JOHN L, US
[72] ZALEVSKY, JONATHAN, US
[71] NEKTAR THERAPEUTICS, US
[85] 2020-11-12
[86] 2019-05-20 (PCT/US2019/033100)
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[30] US (62/674,244) 2018-05-21

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[51] **Int.Cl. G06F 8/00 (2018.01) G06F 8/36 (2018.01) G06F 8/41 (2018.01) G06F 8/61 (2018.01) G06F 8/71 (2018.01) G06F 11/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONNECTOR DEVELOPMENT AND INTEGRATION CHANNEL DEPLOYMENT**
[54] **SYSTEME ET PROCEDE DE DEVELOPPEMENT DE CONNECTEUR ET DE DEPLOIEMENT DE CANAL D'INTEGRATION**
[72] DUBINSKII, VIACHESLAV, RU
[72] ERMAKOV, ARTEM, RU
[72] KHAKIMYANOV, TIMUR, RU
[72] LOGVINENKO, ANTON, RU
[72] VAGULIN, IGOR, RU
[71] INGRAM MICRO INC., US
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032427)
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[30] US (15/980,487) 2018-05-15

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[51] **Int.Cl. G01N 27/414 (2006.01) C12Q 1/00 (2006.01) H01L 51/05 (2006.01)**
[25] EN
[54] **BIOSENSOR WITH POROUS WICKING LAYER**
[54] **BIOCAPTEUR AVEC COUCHE POREUSE A EFFET DE MECHE**
[72] DASTOOR, PAUL, AU
[71] LIFE SCIENCE BIOSENSOR DIAGNOSTICS PTY LTD, AU
[85] 2020-11-13
[86] 2019-05-15 (PCT/AU2019/050458)
[87] (WO2019/218011)
[30] AU (2018901675) 2018-05-15

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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 39/28 (2006.01)**
[25] EN
[54] **INFUSION PUMP WITH TUBE LOADING GUIDANCE AND CONFIRMATION**
[54] **POMPE A PERFUSION AVEC GUIDAGE ET CONFIRMATION DE CHARGEMENT DE TUBE**
[72] BHANDAR, BHAGYESH KISHORE, US
[72] FISCHER, STEVEN WARD, US
[72] HEXAMER, AARON M., US
[72] SLABY, JIRI, US
[72] MAINE, JASON ANDREW, US
[72] OFSLAGER, SCOTT CHRISTIAN, US
[72] WALLACE, MORRIS WILSON, US
[72] CHINTHAPALLI, KEERTHIKA LAKSHMI NIHARIKA, US
[72] BOJAN, PETER M., US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032442)
[87] (WO2019/222365)
[30] US (62/671,858) 2018-05-15

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[51] **Int.Cl. C05D 9/02 (2006.01) C01B 33/32 (2006.01) C09K 17/12 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING SOLUBLE SI FROM AN AMORPHOUS SIO2 BEARING MATERIAL**
[54] **PROCEDE D'EXTRACTION DE SI SOLUBLE A PARTIR D'UN MATERIAU DE SUPPORT DE SIO2 AMORPHE**
[72] CROOKS, REGAN, AU
[72] HAWKER, WILLIAM, AU
[72] O'BRIEN, DARCY, AU
[71] AGRIPOWER AUSTRALIA LIMITED, AU
[85] 2020-11-13
[86] 2019-05-24 (PCT/AU2019/050518)
[87] (WO2019/222813)
[30] AU (2018901835) 2018-05-25

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[51] **Int.Cl. A61M 5/142 (2006.01) G16H 20/17 (2018.01) A61M 5/145 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **SYRINGE PUMP WITH SYRINGE POSITION GUIDING FEATURES AND OCCLUSION DETECTION**
[54] **POMPE A SERINGUE AVEC CARACTERISTIQUES DE GUIDAGE DE LA POSITION DE SERINGUE ET DETECTION D'OCCLUSION**
[72] PIPPIN, STEVEN S., US
[72] DELISLE, ERICA MAE, US
[72] BHANDAR, BHAGYESH KISHORE, US
[72] HEXAMER, AARON M., US
[72] SLABY, JIRI, US
[72] BOJAN, PETER M., US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032443)
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[30] US (62/671,716) 2018-05-15

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[51] **Int.Cl. H02H 3/44 (2006.01) H02H 3/04 (2006.01) H02H 7/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR IDENTIFYING AN INTER-TURN SHORT CIRCUIT IN PARALLEL WINDINGS**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN COURT-CIRCUIT ENTRE SPIRES DANS DES ENROULEMENTS DISPOSES EN PARALLELE**
[72] ARMSCHAT, CHRISTOPH, DE
[72] POINTNER, KLAUS, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-11-13
[86] 2018-05-17 (PCT/EP2018/062902)
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[25] EN
[54] **FORMULATIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF TUMOR METASTASIS AND TUMORIGENESIS**
[54] **FORMULATIONS ET METHODES DE PREVENTION ET DE TRAITEMENT DES METASTASES TUMORALES ET DE LA TUMORIGENESE**
[72] RUDLOFF, UDO, US
[72] KOZLOV, SERGUEI, US
[72] MARUGAN, JUAN JOSE, US
[72] HUANG, SUI, US
[72] PATNAIK, SAMARJIT, US
[72] BRAISTED, JOHN C., US
[72] SOUTHALL, NOEL T., US
[72] FERRER, MARC, US
[72] DEXTRAS, CHRISTOPHER, US
[72] HASLAM, JOHN, US
[72] BALTEZOR, MICHAEL, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] UNIVERSITY OF KANSAS, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032461)
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[25] EN
[54] **STREPTOCOCCAL TOXIC SHOCK SYNDROME**
[54] **SYNDROME DE CHOC TOXIQUE STREPTOCOCCIQUE**
[72] GOOD, MICHAEL, AU
[72] PANDEY, MANISHA, AU
[71] GRIFFITH UNIVERSITY, AU
[85] 2020-10-30
[86] 2019-05-16 (PCT/AU2019/050469)
[87] (WO2019/218022)
[30] AU (2018901709) 2018-05-16
[30] AU (2018904377) 2018-11-16

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[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01) A61K 38/00 (2006.01) A61K 38/47 (2006.01)**
[25] EN
[54] **CODON-OPTIMIZED ACID .ALPHA.-GLUCOSIDASE EXPRESSION CASSETTES AND METHODS OF USING SAME**
[54] **CASSETTES D'EXPRESSION D'ALPHA-GLUCOSIDASE ACIDE OPTIMISEES PAR DES CODONS ET LEURS METHODES D'UTILISATION**
[72] ANGUELA, XAVIER, ES
[72] ARMOUR, SEAN, US
[72] NORDIN, JAYME, US
[71] SPARK THERAPEUTICS, INC., US
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032502)
[87] (WO2019/222411)
[30] US (62/672,419) 2018-05-16
[30] US (62/734,454) 2018-09-21

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[51] **Int.Cl. C07J 41/00 (2006.01) A61K 9/127 (2006.01) A61K 31/575 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **CATIONIC LIPIDS COMPRISING A STEROIDAL MOIETY**
[54] **LIPIDES CATIONIQUES COMPRENANT UNE FRACTION STEROIDIENNE**
[72] ZHANG, YI, US
[72] KARVE, SHRIRANG, US
[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
[85] 2020-11-12
[86] 2019-05-30 (PCT/US2019/034651)
[87] (WO2019/232208)
[30] US (62/677,821) 2018-05-30

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[13] A1
[51] **Int.Cl. G02B 26/08 (2006.01) G01S 7/481 (2006.01)**
[25] EN
[54] **MULTIPLE MIRROR MONOSTATIC SCANNING LIDAR OPTICAL RANGING SENSOR**
[54] **CAPTEUR DE TELEMETRIE OPTIQUE LIDAR A BALAYAGE MONOSTATIQUE A MIROIRS MULTIPLES**
[72] BUTLER, DEREK, CA
[71] LUMIBIRD LIMITED, CA
[85] 2020-11-13
[86] 2018-05-14 (PCT/CA2018/050566)
[87] (WO2019/218046)

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[51] **Int.Cl. A61K 31/4196 (2006.01) A61K 31/00 (2006.01) A61K 31/454 (2006.01) A61K 31/4745 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] WHALEN, KERRY, US
[72] PERINO, SAMANTHA, US
[72] WOOSTER, RICHARD, US
[72] KADIYALA, SUDHAKAR, US
[72] QUINN, JAMES M., US
[71] TARVEDA THERAPEUTICS, INC., US
[85] 2020-11-12
[86] 2019-05-31 (PCT/US2019/034894)
[87] (WO2019/232366)
[30] US (62/679,216) 2018-06-01
[30] US (62/788,326) 2019-01-04
[30] US (62/827,232) 2019-04-01

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[13] A1
[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **CALCULATION OF THE PATIENT FLUID REMOVAL RATE TO COMPENSATE FOR THE VOLUME OF FLUID NOT REMOVED BECAUSE OF MACHINE DOWN TIMES**
[54] **CALCUL DE LA VITESSE DE PRELEVEMENT DE LIQUIDE DE PATIENT POUR COMPENSER LE VOLUME DE LIQUIDE NON PRELEVE A CAUSE DES TEMPS D'IMMOBILISATION DE MACHINE**
[72] O'MAHONY, JOHN, US
[72] STUVA, RICKIE, US
[71] GAMBRO LUNDIA AB, SE
[85] 2020-11-13
[86] 2019-05-07 (PCT/EP2019/061626)
[87] (WO2019/219442)
[30] US (62/672,715) 2018-05-17

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[51] **Int.Cl. C07H 13/06 (2006.01) A61K 9/127 (2006.01) A61K 47/26 (2006.01) C07H 13/12 (2006.01) C07H 15/04 (2006.01) C07H 15/10 (2006.01) C07H 15/26 (2006.01)**
[25] EN
[54] **RIBOSE CATIONIC LIPIDS**
[54] **LIPIDES CATIONIQUES DE RIBOSE**
[72] DEROSA, FRANK, US
[72] KARVE, SHRIRANG, US
[72] ZHANG, YI, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
[85] 2020-11-12
[86] 2019-05-15 (PCT/US2019/032522)
[87] (WO2019/222424)
[30] US (62/672,194) 2018-05-16
[30] US (62/740,095) 2018-10-02
[30] US (62/749,442) 2018-10-23

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[13] A1
[51] **Int.Cl. B25J 15/00 (2006.01) B25J 15/02 (2006.01)**
[25] EN
[54] **AUTONOMOUSLY ENCAPSULATING GRIPPER TOOLING**
[54] **OUTILLAGE DE PREHENSION A ENCAPSULATION AUTONOME**
[72] WILLIAMS, MATTHEW R., US
[71] PHD, INC., US
[85] 2020-11-12
[86] 2019-06-04 (PCT/US2019/035390)
[87] (WO2019/236580)
[30] US (62/682,471) 2018-06-08

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[13] A1
[51] **Int.Cl. G06F 1/10 (2006.01)**
[25] EN
[54] **CLOCK DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'HORLOGE**
[72] STRONG, JOSHUA A., US
[72] NIELSEN, MAX E., US
[72] ANDREWS, PETER JOHN, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2020-11-12
[86] 2019-06-07 (PCT/US2019/036069)
[87] (WO2019/245758)
[30] US (16/012,517) 2018-06-19

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/538 (2006.01)**
[25] EN
[54] **SUBSTITUTED DIHYDROPYRAZOLO PYRAZINE CARBOXAMIDE DERIVATIVES**
[54] **DERIVES DE DIHYDROPYRAZOLO PYRAZINE CARBOXAMIDE SUBSTITUES**
[72] MULLER, STEFFEN, DE
[72] SCHOHE-LOOP, RUDOLF, DE
[72] ORTEGA, HERNANDEZ NURIA, DE
[72] SUSSMEIER, FRANK, DE
[72] JIMENEZ NUNEZ, ELOISA, DE
[72] BRUMBY, THOMAS, DE
[72] LINDNER, NIELS, DE
[72] GERDES, CHRISTOPH, DE
[72] POOK, ELISABETH, DE
[72] BUCHMULLER, ANJA, DE
[72] GAUGAZ, FABIENNE ZDENKA, SE
[72] LANG, DIETER, DE
[72] ZIMMERMANN, STEFANIE, DE
[72] EHRMANN, ALEXANDER HELMUT MICHAEL, US
[72] GERISCH, MICHAEL, DE
[72] LEHMANN, LUTZ, DE
[72] TIMMERMANN, ANDREAS, DE
[72] SCHAFER, MARTINA, DE
[72] SCHMIDT, GEORG, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] FOLLMANN, MARKUS, DE
[72] KERSTEN, ELISABETH, DE
[72] WANG, VIVIAN, CN
[72] GAO, XIANG, CN
[72] WANG, YAFENG, CN
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER SCHERING PHARMA AKTIENGESELLSCHAFT, DE
[85] 2020-11-13
[86] 2019-05-10 (PCT/EP2019/062005)
[87] (WO2019/219517)
[30] CN (PCT/CN2018/087249) 2018-05-17

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[13] A1
[51] **Int.Cl. F16L 23/036 (2006.01) F16L 27/10 (2006.01) F16L 33/28 (2006.01) F16L 27/108 (2006.01) F16L 51/02 (2006.01)**
[25] EN
[54] **COMPENSATOR ARRANGEMENT FOR TRANSPORT SYSTEMS**
[54] **ARRANGEMENT COMPENSATEUR POUR SYSTEMES DE TRANSPORT**
[72] JORGENSEN, HENRIK, DK
[71] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
[85] 2020-11-13
[86] 2019-05-09 (PCT/EP2019/061892)
[87] (WO2019/228774)
[30] DE (10 2018 208 477.7) 2018-05-29

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[51] **Int.Cl. C09D 5/16 (2006.01) C09D 7/65 (2018.01) A61L 2/23 (2006.01) A61L 15/22 (2006.01) A61L 31/08 (2006.01) B05D 1/00 (2006.01) B05D 5/08 (2006.01)**
[25] EN
[54] **SURFACES RESISTANT TO BACTERIAL ADHESION**
[54] **SURFACES RESISTANTES A L'ADHERENCE BACTERIENNE**
[72] PIOTROWICZ, ALEXANDRA, CA
[72] MACDONALD, KYLE WILLIAM, CA
[72] CILLERO RODRIGO, ANTONIO, CA
[72] MULLICK, SANJOY, CA
[72] SWENOR, JAMIE ROBERT, CA
[72] SANTERRE, J. PAUL, CA
[72] HO, JEANNETTE, CA
[71] EVONIK CANADA INC., CA
[85] 2020-11-13
[86] 2019-05-17 (PCT/CA2019/050683)
[87] (WO2019/218088)
[30] US (62/673,490) 2018-05-18

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[13] A1
[51] **Int.Cl. A61J 9/00 (2006.01) A61G 17/04 (2006.01)**
[25] EN
[54] **BABY BOTTLE WITH MILK PUMP**
[54] **BIBERON COMPRENANT UN TIRE-LAIT**
[72] FELBER, ARMIN, CH
[72] THURING, MARTIN, CH
[72] HONER, SEBASTIAN, CH
[71] MEDELA HOLDING AG, CH
[85] 2020-11-13
[86] 2019-05-24 (PCT/EP2019/063500)
[87] (WO2019/224365)
[30] EP (18174358.4) 2018-05-25

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[13] A1
[51] **Int.Cl. G01N 15/02 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING IN REAL-TIME STOCKPILE PARTICLE SIZE DISTRIBUTION ASSOCIATED TO A LEVEL-BASED DISCRETIZATION**
[54] **PROCEDE D'ESTIMATION EN TEMPS REEL DE LA DISTRIBUTION GRANULOMETRIQUE, ASSOCIEE A UNE DISCRETISATION BASEE SUR LE NIVEAU, D'UN EMPILEMENT**
[72] LUNDIN, JACK OLIVER ADOLF, CA
[72] RISSO SEPULVEDA, MARIA NATHALIE, US
[72] PARK, JUNHYEOK, US
[71] LPR TECHNOLOGIES INC., CA
[85] 2020-11-13
[86] 2019-05-10 (PCT/CA2019/000085)
[87] (WO2019/218054)
[30] US (62/671,242) 2018-05-14
[30] US (16/407,931) 2019-05-09

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[51] **Int.Cl. F16K 31/70 (2006.01)**
[25] EN
[54] **SHAPE MEMORY ALLOY VALVE AND METHOD FOR FABRICATION THEREOF**
[54] **VANNE EN ALLIAGE A MEMOIRE DE FORME ET PROCEDE POUR SA FABRICATION**
[72] ZAMANI, NIMA, CA
[72] MCEHINNEY, STEVEN, CA
[72] KHAN, MOHAMMAD IBRAHEM, CA
[71] SMARTER ALLOYS INC., CA
[85] 2020-11-13
[86] 2019-05-16 (PCT/CA2019/050663)
[87] (WO2019/218072)
[30] US (62/672,275) 2018-05-16

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[51] **Int.Cl. C03B 19/08 (2006.01) C03C 11/00 (2006.01)**
[25] EN
[54] **CELLULAR GLASS PRODUCT AND PROCESS FOR MAKING THE SAME**
[54] **PRODUIT DE VERRE CELLULAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] VERLAAK, STIJN, BE
[72] AERTS, BARBARA, BE
[72] AERTS, CHRISTOPHE, BE
[72] PHILIPPE, VICKY, BE
[72] CLAES, GISELE, BE
[72] LEMMENS, DAMIAAN, BE
[71] PITTSBURGH CORNING EUROPE NV, BE
[85] 2020-11-13
[86] 2019-05-15 (PCT/EP2019/062527)
[87] (WO2019/219769)
[30] EP (18172855.1) 2018-05-17

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[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/36 (2006.01) A61K 8/86 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **DEODORANT STICKS**
[54] **DEODORANT EN STICKS**
[72] SWAILE, DAVID FREDERICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-11-12
[86] 2019-06-27 (PCT/US2019/039367)
[87] (WO2020/006156)
[30] US (62/691,315) 2018-06-28

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **HEAVY CHAIN ANTIBODIES BINDING TO CD38**
[54] **ANTICORPS A CHAINE LOURDE SE LIANT A CD38**
[72] VAN SCHOOTEN, WIM, US
[72] CLARKE, STARLYNN, US
[72] DANG, KEVIN, US
[71] TENEOBIO, INC., US
[85] 2020-11-12
[86] 2019-10-28 (PCT/US2019/058325)
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[30] US (62/751,520) 2018-10-26

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[13] A1
[51] **Int.Cl. C01B 3/26 (2006.01) C01B 3/38 (2006.01) C01B 3/48 (2006.01) C01B 3/50 (2006.01)**
[25] EN
[54] **PROCESS FOR HYDROGEN GENERATION**
[54] **PROCEDE DE GENERATION D'HYDROGENE**
[72] SURGUCHEV, LEONID, NO
[72] SURGUCHEV, MICHAEL, NO
[72] BERENBLYUM, ROMAN, NO
[71] HYDROGEN SOURCE AS, NO
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[25] EN
[54] **PROTEIN BINDING NKG2D, CD16 AND A FIBROBLAST ACTIVATION PROTEIN**
[54] **PROTEINE DE LIAISON AU NKG2D, CD16 ET PROTEINE D'ACTIVATION DES FIBROBLASTES**
[72] CHANG, GREGORY P., US
[72] CHEUNG, ANN F., US
[72] DU, JINYAN, US
[72] GRINBERG, ASYA, US
[72] HANEY, WILLIAM, US
[72] WAGTMANN, NICOLAI, US
[72] LUNDE, BRADLEY M., US
[72] PRINZ, BIANKA, US
[71] DRAGONFLY THERAPEUTICS, INC., US
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[30] US (62/672,299) 2018-05-16

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[25] EN
[54] **STYRYLBENZOTHIAZOLE DERIVATIVES AND USES IN IMAGING**
[54] **DERIVES DE STYRYLBENZOTHIAZOLE ET LEURS UTILISATIONS EN IMAGERIE**
[72] YE, KEQIANG, US
[71] EMORY UNIVERSITY, US
[85] 2020-11-12
[86] 2019-05-16 (PCT/US2019/032592)
[87] (WO2019/222454)
[30] US (62/672,230) 2018-05-16
[30] US (62/725,615) 2018-08-31

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[51] **Int.Cl. F21V 5/04 (2006.01)**
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[54] **LINEAR OPTIC AND LED LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A OPTIQUE LINEAIRE ET A DEL**
[72] SHAH, PARESH, US
[72] ZHAO, FENG, US
[72] WALSH, JONATHAN, US
[71] AMERLUX LLC, US
[85] 2020-11-12
[86] 2019-05-16 (PCT/US2019/032612)
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[30] US (62/672,923) 2018-05-17
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[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/966 (2013.01) A61F 2/04 (2013.01) A61F 2/88 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR THE ACCURATE DEPLOYMENT AND IMAGING OF AN IMPLANT IN THE PROSTATIC URETHRA**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR LE DEPLOIEMENT ET L'IMAGERIE PRECIS D'UN IMPLANT DANS L'URETRE PROSTATIQUE**
[72] BLY, AUSTIN MICHAEL, US
[72] SICOTTE, MARCEL SONG, US
[72] MEHTA, SHREYA, US
[72] BELEF, WILLIAM MARTIN, US
[72] DAMIANO, NICHOLAS, US
[71] ZENFLOW, INC., US
[85] 2020-11-12
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[30] US (62/673,097) 2018-05-17

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[51] **Int.Cl. F16B 13/13 (2006.01) E04B 1/41 (2006.01) E21D 21/00 (2006.01) F16B 13/06 (2006.01) F16B 13/10 (2006.01)**
[25] EN
[54] **SELF-UNDERCUT EXPANSION ANCHOR SYSTEM WITH IMPROVED CUTTERS**
[54] **SYSTEME D'ANCRAGE A EXPANSION, AUTO-TAILLANT, DOTE DE TETES DE COUPE PERFECTIONNEES**
[72] COUSINEAU, ROBERT, CA
[71] COUSINEAU, ROBERT, CA
[85] 2020-11-13
[86] 2019-05-17 (PCT/CA2019/050685)
[87] (WO2019/218090)
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[13] A1
[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A 7XXX-SERIES ALUMINIUM ALLOY PLATE PRODUCT HAVING IMPROVED FATIGUE FAILURE RESISTANCE**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN PLAQUE D'ALLIAGE D'ALUMINIUM DE SERIE 7XXX AYANT UNE RESISTANCE AMELIOREE A LA RUPTURE PAR LA FATIGUE**
[72] SPANGEL, SABINE MARIA, DE
[72] MEYER, PHILIPPE, DE
[72] BURGER, ACHIM, DE
[72] RUBNER, MATTHIAS, DE
[72] LACHNITT, SIMON, DE
[71] ALERIS ROLLED PRODUCTS GERMANY GMBH, DE
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[86] 2019-06-05 (PCT/EP2019/064719)
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[51] **Int.Cl. A61N 5/06 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **EXTRAORAL MASK FOR THE TREATMENT OF ORAL MUCOSITIS**
[54] **MASQUE EXTRA-ORAL POUR LE TRAITEMENT DE LA MUCOSITE ORALE**
[72] KOTHARI, VEDANG, US
[72] LAZZARA, JASON D., US
[72] OJA, JORDAN W., US
[72] SHELNUTT, SAMUEL J., US
[71] LUMITEX, INC., US
[85] 2020-11-12
[86] 2019-05-16 (PCT/US2019/032648)
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[51] **Int.Cl. A61B 5/145 (2006.01) G16H 20/17 (2018.01) A61B 5/00 (2006.01) A61B 5/1495 (2006.01)**
[25] FR
[54] **AUTOMATED SYSTEM FOR MONITORING A PATIENT'S BLOOD SUGAR**
[54] **SYSTEME AUTOMATISE DE CONTROLE DE LA GLYCEMIE D'UN PATIENT**
[72] BLANC, ROMAIN, FR
[72] DORON, ELEONORE-MAEVA, FR
[72] ROMERO UGALDE, HECTOR-MANUEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[86] 2019-05-03 (PCT/FR2019/051025)
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[30] FR (1800492) 2018-05-22

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[51] **Int.Cl. G01N 27/416 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **PORTABLE DEVICE AND SYSTEM FOR RAPID DETECTION OF A BACTERIAL CELL IN FLUID SAMPLES**
[54] **DISPOSITIF PORTABLE ET SYSTEME DE DETECTION RAPIDE D'UNE CELLULE BACTERIENNE DANS DES ECHANTILLONS DE FLUIDE**
[72] SOHRABI, AMIRREZA, CA
[72] SHAIBANI, PARMISS MOJIR, CA
[71] ROSHAN WATER SOLUTIONS INCORPORATED, CA
[85] 2020-11-13
[86] 2020-05-04 (PCT/CA2020/050593)
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[51] **Int.Cl. C12N 5/10 (2006.01) A61K 35/17 (2015.01) A61K 35/545 (2015.01) A61K 35/12 (2015.01) A61K 35/28 (2015.01) A61P 37/06 (2006.01) C07K 14/72 (2006.01) C12N 9/22 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **DRUG-RESISTANT IMMUNE CELLS AND METHODS OF USE THEREOF**
[54] **CELLULES IMMUNITAIRES RESISTANT AUX MEDICAMENTS ET LEURS PROCEDES D'UTILISATION**
[72] OSBORN, MARK J., US
[72] HIPPEN, KELI L., US
[72] BLAZAR, BRUCE R., US
[71] REGENTS OF THE UNIVESITY OF MINNESOTA, US
[85] 2020-11-12
[86] 2019-05-16 (PCT/US2019/032686)
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[51] **Int.Cl. A61K 9/48 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **CAPSULES WITH OPACIFIER**
[54] **CAPSULES A OPACIFIANT**
[72] PALANGETIC, LJILJANA, FR
[72] NOMBRET, DELPHINE, FR
[72] VANQUICKENBORNE, STEFAAN JAAK, BE
[71] CAPSUGEL BELGIUM NV, BE
[85] 2020-11-13
[86] 2019-05-14 (PCT/EP2019/062360)
[87] (WO2019/219693)
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[51] **Int.Cl. C12Q 1/6869 (2018.01) G16B 30/00 (2019.01) G16B 40/00 (2019.01)**
[25] EN
[54] **INFERRING SELECTION IN WHITE BLOOD CELL MATCHED CELL-FREE DNA VARIANTS AND/OR IN RNA VARIANTS**
[54] **DEDUCTION DE SELECTION DE VARIANTS D'ADN LIBRES CIRCULANTS CORRESPONDANT A DES GLOBULES BLANCS ET/OU DE VARIANTS D'ARN**
[72] VENN, OLIVER CLAUDE, US
[72] HUBBELL, EARL, US
[71] GRAIL, INC., US
[85] 2020-11-12
[86] 2019-05-20 (PCT/US2019/033168)
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[30] US (62/673,779) 2018-05-18

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[13] A1
[51] **Int.Cl. B26D 3/16 (2006.01)**
[25] EN
[54] **TOOL FOR CUTTING CYLINDRICAL CONDUITS**
[54] **OUTIL DE COUPE DE CONDUITS CYLINDRIQUES**
[72] RAMPLING, SCOTT, GB
[71] SCOTT CUTTERS UK LIMITED, GB
[85] 2020-11-13
[86] 2018-05-16 (PCT/GB2018/051322)
[87] (WO2018/211268)
[30] GB (1707933.6) 2017-05-17
[30] GB (1718459.9) 2017-11-08

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[13] A1
[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **INFORMATION REPORTING METHOD, DATA TRANSMISSION METHOD, USER EQUIPMENT AND NETWORK SIDE DEVICE**
[54] **PROCEDE DE RAPPORT D'INFORMATIONS, PROCEDE DE TRANSMISSION DE DONNEES, EQUIPEMENT UTILISATEUR ET DISPOSITIF COTE RESEAU**
[72] CHEN, JINGJING, CN
[72] ZHANG, XIAORAN, CN
[72] HOU, XUEYING, CN
[72] LI, NAN, CN
[71] CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE, CN
[71] CHINA MOBILE COMMUNICATIONS GROUP CO., LTD., CN
[85] 2020-11-13
[86] 2019-04-09 (PCT/CN2019/081871)
[87] (WO2019/218803)
[30] CN (201810474321.3) 2018-05-17
[30] CN (201810896769.4) 2018-08-08

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BIFUNCTIONAL BINDING POLYPEPTIDES**
[54] **POLYPEPTIDES DE LIAISON BIFONCTIONNELS**
[72] BOSSI, GIOVANNA, GB
[72] REIS, CARLOS, GB
[72] TAWAR, RAJEEVKUMAR, GB
[72] CURNOCK, ADAM, GB
[72] SMITH, NICOLA, GB
[71] IMMUNOCORE LIMITED, GB
[85] 2020-11-13
[86] 2019-05-14 (PCT/EP2019/062384)
[87] (WO2019/219709)
[30] GB (1807767.7) 2018-05-14
[30] GB (1819584.2) 2018-11-30

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[51] **Int.Cl. C07C 327/30 (2006.01) A61K 47/69 (2017.01) A61K 9/127 (2006.01) A61K 31/7105 (2006.01) C07D 245/02 (2006.01)**
[25] EN
[54] **THIOESTER CATIONIC LIPIDS**
[54] **LIPIDES CATIONIQUES DE THIOESTER**
[72] ZHANG, YI, US
[72] KARVE, SHRIRANG, US
[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
[85] 2020-11-12
[86] 2019-05-23 (PCT/US2019/033806)
[87] (WO2019/226925)
[30] US (62/676,147) 2018-05-24
[30] US (62/748,097) 2018-10-19
[30] US (62/750,013) 2018-10-24

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[51] **Int.Cl. H04N 13/261 (2018.01) G06T 15/20 (2011.01) H04N 5/265 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONVERTING TWO-DIMENSIONAL IMAGE INTO THREE-DIMENSIONAL IMAGE AND THREE-DIMENSIONAL IMAGING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE CONVERSION D'UNE IMAGE BIDIMENSIONNELLE EN IMAGE TRIDIMENSIONNELLE, ET SYSTEME D'IMAGERIE TRIDIMENSIONNELLE**
[72] ZHANG, YI, CN
[72] CHIN, TO, CN
[71] SCIVITA MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2020-11-13
[86] 2019-05-06 (PCT/CN2019/085688)
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[30] CN (201810456740.4) 2018-05-14

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[13] A1
[51] **Int.Cl. A61F 13/537 (2006.01)**
[25] EN
[54] **ABSORBENT CORES FOR DISPOSABLE ABSORBENT ARTICLES**
[54] **PARTIES CENTRALES ABSORBANTES POUR ARTICLES ABSORBANTS JETABLES**
[72] ROTTGER, HENNING, DE
[72] VOLKMER, RENO, DE
[71] GLATFELTER FALKENHAGEN GMBH, DE
[85] 2020-11-13
[86] 2019-05-15 (PCT/EP2019/062516)
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[30] GB (1807897.2) 2018-05-15

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[51] **Int.Cl. C12N 7/00 (2006.01) C07K 14/705 (2006.01) C12N 5/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VIRUS VECTOR PRODUCTION**
[54] **PRODUCTION DE VECTEUR VIRAL**
[72] CANTORE, ALESSIO, IT
[72] ANNONI, ANDREA, IT
[72] MILANI, MICHELA, IT
[72] NALDINI, LUIGI, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
[85] 2020-11-13
[86] 2019-05-16 (PCT/EP2019/062664)
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[30] GB (1807945.9) 2018-05-16

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[13] A1
[51] **Int.Cl. B25G 3/24 (2006.01)**
[25] EN
[54] **POLE ATTACHMENT FOR A SKIMMING TOOL AND SKIMMING TOOL SYSTEM COMPRISING THE SAME**
[54] **ACCESSOIRE DE PERCHE POUR UN OUTIL D'ECUMAGE ET SYSTEME D'OUTIL D'ECUMAGE COMPRENANT CELUI-CI**
[72] RAMPLING, SCOTT, GB
[71] SCOTT CUTTERS LIMITED, GB
[85] 2020-11-13
[86] 2018-05-25 (PCT/GB2018/051427)
[87] (WO2018/220350)
[30] GB (1708608.3) 2017-05-30

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[13] A1
[51] **Int.Cl. A61M 1/12 (2006.01)**
[25] EN
[54] **PEEL-AWAY SHEATH ASSEMBLY**
[54] **ENSEMBLE DE GAINE DETACHABLE**
[72] KORKUCH, CHRISTOPHER NASON, US
[72] FANTUZZI, GLEN, US
[72] CALABRESE, DREW, US
[72] LIU, CLIFFORD, US
[72] MODLISH, JOHN, US
[71] ABIOMED, INC., US
[85] 2020-11-12
[86] 2019-05-16 (PCT/US2019/032736)
[87] (WO2019/222546)
[30] US (62/672,212) 2018-05-16
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **AXL-TARGETING ANTIBODY, ANTIBODY-DRUG CONJUGATE, PREPARATION METHOD THEREFOR, AND USE THEREOF**
[54] **ANTICORPS CIBLANT L'AXL, CONJUGUE ANTICORPS-MEDICAMENT, SON PROCEDE DE PREPARATION, ET UTILISATION ASSOCIEE**
[72] YU, KE, CN
[72] SHEN, JINGKANG, CN
[72] MENG, TAO, CN
[72] PEI, JINPENG, CN
[72] MA, LANPING, CN
[72] WANG, XIN, CN
[72] JIN, RUI, CN
[72] DU, ZHIYAN, CN
[72] CHEN, LIN, CN
[72] YU, TING, CN
[72] ZHANG, YONGLIANG, CN
[71] FUDAN UNIVERSITY, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[86] 2019-05-10 (PCT/CN2019/086475)
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[13] A1
[51] **Int.Cl. C12N 5/0789 (2010.01) A61K 35/12 (2015.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HAEMATOPOIETIC STEM CELL TRANSPLANTATION**
[54] **COMPOSITIONS ET PROCEDES DE TRANSPLANTATION DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] LATROCHE, CLAIRE, IT
[72] NALDINI, LUIGI, IT
[72] MANZI, MAURA, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
[85] 2020-11-13
[86] 2019-05-16 (PCT/EP2019/062666)
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[30] GB (1807944.2) 2018-05-16

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01) C12N 15/10 (2006.01) C12Q 1/00 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE AND METHOD OF USING IT FOR THE SEPARATION, PURIFICATION AND CONCENTRATION OF COMPONENTS OF FLUIDIC MEDIA**
[54] **DISPOSITIF MICROFLUIDIQUE ET PROCEDE D'UTILISATION DE CE DERNIER POUR LA SEPARATION, LA PURIFICATION ET LA CONCENTRATION DE COMPOSANTS DE MILIEUX FLUIDES**
[72] GARTNER, CLAUDIA, DE
[72] KLEMM, RICHARD, DE
[72] MOCHE, CHRISTIAN, DE
[71] MILDENDO GESELLSCHAFT FUR MIKROFLUIDISCHE SYSTEME MBH, DE
[85] 2020-11-13
[86] 2019-05-16 (PCT/EP2019/062675)
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[30] DE (10 2018 111 834.1) 2018-05-16

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[51] **Int.Cl. C05C 3/00 (2006.01) C05C 5/04 (2006.01) C05D 1/00 (2006.01) C05D 5/00 (2006.01)**
[25] EN
[54] **COATED INORGANIC MATERIALS AND METHODS FOR FORMING THE COATED INORGANIC MATERIALS**
[54] **MATERIAUX INORGANIQUES REVETUS ET PROCEDES DE FORMATION DES MATERIAUX INORGANIQUES REVETUS**
[72] VARSHOVI, ALLAN AMIR, US
[71] VARSHOVI, ALLAN AMIR, US
[85] 2020-11-13
[86] 2019-05-14 (PCT/IB2019/054001)
[87] (WO2019/220350)
[30] US (62/671,150) 2018-05-14

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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTIPLE LAYER INTRAOCULAR LENS AND USING REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES POUR LENTILLE INTRAOCULAIRE A COUCHES MULTIPLES ET UTILISATION D'ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
[85] 2020-11-13
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[87] (WO2020/201549)
[30] US (62/830,312) 2019-04-05

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[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/00 (2016.01) A61B 34/35 (2016.01) A61B 34/37 (2016.01) A61B 90/57 (2016.01)**
[25] EN
[54] **MASTER CONTROLLER ASSEMBLY FOR A ROBOTIC SURGERY SYSTEM AND METHOD**
[54] **ENSEMBLE CONTROLEUR MAITRE POUR SYSTEME DE CHIRURGIE ROBOTIQUE ET PROCEDE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2020-11-13
[86] 2019-05-17 (PCT/IB2019/054097)
[87] (WO2019/220408)
[30] IT (102018000005468) 2018-05-17

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **FLUIDIC SYSTEM FOR RECEIVING, DISCHARGING, AND MOVING FLUIDS, METHOD FOR PROCESSING FLUIDS IN A FLUIDIC SYSTEM**
[54] **SYSTEME FLUIDIQUE POUR RECEVOIR, DELIVRER ET DEPLACER DES FLUIDES, PROCEDE DE TRAITEMENT DE FLUIDES DANS UN SYSTEME FLUIDIQUE**
[72] GARTNER, CLAUDIA, DE
[72] KLEMM, RICHARD, DE
[72] MOCHE, CHRISTIAN, DE
[71] MICROFLUIDIC CHIPSHOP GMBH, DE
[85] 2020-11-13
[86] 2019-05-16 (PCT/EP2019/062679)
[87] (WO2019/219844)
[30] DE (10 2018 111 822.8) 2018-05-16

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[13] A1
[51] **Int.Cl. E01B 7/24 (2006.01)**
[25] EN
[54] **HEATING DEVICE FOR RAILWAY TRACKS**
[54] **DISPOSITIF DE CHAUFFAGE POUR VOIES DE CHEMIN DE FER**
[72] HOLGERSSON, ULF, SE
[71] SWERAIL AB, SE
[85] 2020-11-13
[86] 2019-05-27 (PCT/EP2019/063682)
[87] (WO2019/233803)
[30] SE (1850680-8) 2018-06-05

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **PHENYL-SUBSTITUTED DIHYDRONAPHTHYRIDINE COMPOUND AND USE THEREOF**
[54] **COMPOSE DE DIHYDRONAPHTYRIDINE SUBSTITUE PAR PHENYLE ET SON UTILISATION**
[72] YANG, CHUANWEN, CN
[72] WANG, XIAOJUN, CN
[72] ZUO, YINGLIN, CN
[72] ZHANG, YINGJUN, CN
[72] WANG, JIANCHENG, CN
[72] WANG, HUI, CN
[72] CHI, BO, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2020-11-13
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[51] **Int.Cl. E21B 21/10 (2006.01) E21B 17/14 (2006.01) E21B 33/127 (2006.01) E21B 34/14 (2006.01) E21B 43/10 (2006.01)**
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[54] **DOWNHOLE COMPLETION SYSTEM**
[54] **SYSTEME DE COMPLETION DE FOND DE TROU**
[72] KRAEMER, JON, CH
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
[85] 2020-11-13
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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61B 3/11 (2006.01) A61B 3/117 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR IMPROVING VISION FROM AN INTRAOCULAR LENS IN AN INCORRECT POSITION AND USING REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET METHODES POUR AMELIORER LA VISION PROVENANT D'UNE LENTILLE INTRAOCULAIRE MAL POSITIONNEE ET UTILISANT UNE ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CORRECTING POWER OF AN INTRAOCULAR LENS USING REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES DE CORRECTION DE PUISSANCE D'UNE LENTILLE INTRAOCULAIRE A L'AIDE D'UNE ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
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[54] **CIRCULAR RNA FOR TRANSLATION IN EUKARYOTIC CELLS**
[54] **ARN CIRCULAIRE POUR LA TRADUCTION DANS DES CELLULES EUCARYOTES**
[72] ANDERSON, DANIEL G., US
[72] WESSELHOEFT, ROBERT ALEXANDER, US
[72] KOWALSKI, PIOTR S., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **SYSTEMS AND METHODS FOR VERGENCE MATCHING OF AN INTRAOCULAR LENS WITH REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES DE MISE EN CORRESPONDANCE DE VERGENCE D'UNE LENTILLE INTRAOCULAIRE AVEC ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
[85] 2020-11-13
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[54] **ORDER PROCESSING METHOD AND DEVICE, SERVER, AND STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE COMMANDE, SERVEUR ET SUPPORT DE STOCKAGE**
[72] LI, HONGBO, CN
[72] LIU, YUANHANG, CN
[72] PANG, JINLONG, CN
[72] LI, JINGUO, CN
[72] LIU, XINGGUO, CN
[71] BEIJING GEEKPLUS TECHNOLOGY CO., LTD., CN
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[54] **AAV CARDIAC GENE THERAPY FOR CARDIOMYOPATHY**
[54] **THERAPIE GENIQUE CARDIAQUE PAR VIRUS ADENO-ASSOCIE POUR UNE CARDIOMYOPATHIE**
[72] SWEENEY, HUGH LEE, US
[72] SLEEPER, MARGARET MARY, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[85] 2020-11-12
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[25] EN
[54] **SYSTEMS AND METHODS FOR SPECTACLE INDEPENDENCE USING REFRACTIVE INDEX WRITING WITH AN INTRAOCULAR LENS**
[54] **SYSTEMES ET PROCEDES D'INDEPENDANCE DE LUNETTES A L'AIDE D'UNE ECRITURE D'INDICE DE REFRACTION AVEC UNE LENTILLE INTRAOCULAIRE**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
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[54] **HIV TREATMENT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU VIH**
[72] NIAZI, KAYVAN, US
[72] SAFRIT, JEFFREY, US
[72] LEE, JOHN H., US
[71] NANTCELL, INC., US
[85] 2020-11-12
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[54] **CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] PULE, MARTIN, GB
[71] UCL BUSINESS LTD, GB
[85] 2020-11-13
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[25] EN
[54] **ARRANGEMENT AND METHOD FOR IDENTIFYING AND TRACKING LOGS**
[54] **AGENCEMENT ET PROCEDE D'IDENTIFICATION ET DE SUIVI DE BILLES**
[72] EDVARDSSON, JONNY, SE
[72] RENDAHL, JAN-ERIK, SE
[71] TRACY OF SWEDEN AB, SE
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[54] **VARIABLE CONTROL ORIFICE VALVE**
[54] **SOUPAPE A ORIFICE DE REGLAGE VARIABLE**
[72] REZAEI, FREDERICK, US
[71] COMPART SYSTEMS PTE. LTD., SG
[85] 2020-11-13
[86] 2019-05-22 (PCT/IB2019/000698)
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[54] **ELECTRICALLY ISOLATED ADAPTER**
[54] **ADAPTATEUR ISOLE ELECTRIQUEMENT**
[72] MESNIL, PIERRE, US
[72] DE SWARDT, ROLF REITZ, US
[71] APEX BRANDS, INC., US
[85] 2020-11-12
[86] 2019-06-24 (PCT/US2019/038668)
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[54] **STERILE CONSOLE FOR ROBOTIC SURGERY**
[54] **CONSOLE STERILE POUR CHIRURGIE ROBOTISEE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2020-11-13
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[54] **REMOTE RELEASE SNOWBOARD BINDING**
[54] **FIXATION DE SNOWBOARD DETACHABLE A DISTANCE**
[72] BARDEN, ROB C., CA
[72] HERR, JEFFREY WAYNE, CA
[71] ROSSLAND BINDING COMPANY, CA
[85] 2020-11-13
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[51] **Int.Cl. A61B 34/37 (2016.01) A61B 34/00 (2016.01) A61B 8/00 (2006.01)**
[25] EN
[54] **MASTER CONTROLLER ASSEMBLY FOR A ROBOTIC SURGERY SYSTEM, PARTICULARLY FOR MICROSURGERY**
[54] **ENSEMBLE CONTROLEUR MAITRE POUR SYSTEME CHIRURGICAL ROBOTISE, PARTICULIEREMENT POUR LA MICROCHIRURGIE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2020-11-13
[86] 2019-05-17 (PCT/IB2019/054095)
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[30] IT (102018000005469) 2018-05-17
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[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **VOLTAGE REGULATOR FOR AN AEROSOL DELIVERY DEVICE**
[54] **REGULATEUR DE TENSION POUR UN DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] SUR, RAJESH, US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/IB2019/053989)
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[30] US (15/981,371) 2018-05-16

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[51] **Int.Cl. B65D 90/18 (2006.01) B65D 88/12 (2006.01)**
[25] EN
[54] **CARGO CONTAINER**
[54] **CONTENEUR DE FRET**
[72] ARAKI, MANABU, JP
[72] ARAKI, TORU, JP
[71] SHIBAKAI CO., LTD., JP
[85] 2020-11-13
[86] 2018-05-29 (PCT/JP2018/020533)
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[51] **Int.Cl. C12P 19/14 (2006.01) A23L 2/70 (2006.01) A61K 8/60 (2006.01) A61K 31/7048 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING FLAVONOID-CYCLODEXTRIN CLATHRATE COMPOUND**
[54] **COMPOSITION CONTENANT UN COMPOSE CLATHRATE DE FLAVONOIDE-CYCLODEXTRINE**
[72] MORIWAKI, MASAMITSU, US
[72] KUMOI, KENTARO, US
[72] NAKAGAWA, RYO, US
[72] SAGISAKA, MIKI, US
[72] OZEKI, MAKOTO, US
[71] TAIYO KAGAKU CO., LTD., JP
[85] 2020-11-13
[86] 2018-10-03 (PCT/JP2018/037055)
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[51] **Int.Cl. B64D 5/00 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR DOCKING AN AERIAL VEHICLE**
[54] **DISPOSITIF ET SYSTEME POUR AMARRER UN VEHICULE AERIEN**
[72] BEN-DAVID, DORON, IL
[72] MORAN, AMIT, IL
[71] INDOOR ROBOTICS LTD, IL
[85] 2020-11-13
[86] 2019-09-16 (PCT/IL2019/051033)
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[51] **Int.Cl. G01B 9/02 (2006.01) G01J 3/453 (2006.01)**
[25] EN
[54] **RETRO-INTERFEROMETER HAVING ACTIVE READJUSTMENT**
[54] **RETRO-INTERFEROMETRE A REAJUSTEMENT ACTIF**
[72] KEENS, AXEL, DE
[71] BRUKER OPTIK GMBH, DE
[85] 2020-11-19
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[30] DE (10 2018 206 519.5) 2018-04-26

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/06 (2006.01) C22C 38/60 (2006.01) H01F 1/147 (2006.01) H02K 1/02 (2006.01)**
[25] EN
[54] **MOTOR**
[54] **MOTEUR**
[72] YOSHIZAKI, SOUICHIRO, JP
[72] ZAIZEN, YOSHIAKI, JP
[72] SENDA, KUNIHIRO, JP
[71] JFE STEEL CORPORATION, JP
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[51] **Int.Cl. F28F 7/02 (2006.01)**
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[54] **DEVICE FOR COOLING, HEATING OR TRANSFERRING HEAT**
[54] **DISPOSITIF DE REFROIDISSEMENT, CHAUFFAGE OU TRANSFERT THERMIQUE**
[72] DEGNER, HELMUT, DE
[72] OSTAPENKO, WLADIMIR, DE
[71] DEGNER GMBH & CO. KG, DE
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[51] **Int.Cl. H01G 9/26 (2006.01) H01G 11/10 (2013.01) H01G 11/16 (2013.01) G01R 31/36 (2020.01) H01G 2/16 (2006.01) H01G 4/38 (2006.01) H01G 4/40 (2006.01) H01G 9/00 (2006.01) H01G 9/28 (2006.01) H02H 7/16 (2006.01)**
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[54] **CAPACITOR BANK**
[54] **BATTERIE DE CONDENSATEURS**
[72] ARMSCHAT, CHRISTOPH, DE
[72] YAMAZAKI, SERGIO, BR
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. F16G 5/08 (2006.01) F16G 5/20 (2006.01)**
[25] EN
[54] **WRAPPED JOINED V-BELT**
[54] **COURROIE TRAPEZOIDALE ASSEMBLEE ET ENROULEE**
[72] KIMURA, TAKESHI, JP
[72] NAKAOJI, YOSHIHITO, JP
[71] MITSUBOSHI BELTING LTD., JP
[85] 2020-11-13
[86] 2019-05-29 (PCT/JP2019/021396)
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[30] JP (2018-119730) 2018-06-25
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[51] **Int.Cl. C07D 333/10 (2006.01) A61K 31/34 (2006.01) A61K 31/381 (2006.01) A61K 31/4436 (2006.01) A61P 1/16 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **NOVEL COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **NOUVEAU COMPOSE ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**
[72] KIM, JUNG JU, KR
[72] SONG, SEONG-WON, KR
[72] SHIN, HYE JEONG, KR
[72] CHOI, HYEONGWAN, KR
[71] AUTOPHAGYSCIENCES INC., KR
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[51] **Int.Cl. F25D 21/06 (2006.01) F24F 1/02 (2019.01) F24F 3/06 (2006.01) F25B 47/02 (2006.01) F25D 21/02 (2006.01)**
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[54] **METHOD FOR CONTROL OF A VENTILATION HEAT PUMP**
[54] **PROCEDE DE COMMANDE D'UNE POMPE A CHALEUR DE VENTILATION**
[72] MYHRE, ROAR, NO
[71] ROMY CLIMA AS, NO
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[51] **Int.Cl. C12N 1/16 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **NOVEL MICROORGANISM FOR DEGRADING OILS AND FATS**
[54] **NOUVEAU MICRO-ORGANISME POUR LA DEGRADATION DE GRAISSES ET D'HUILES**
[72] OZAKI, KOKI, JP
[72] WAKAO, YUTA, JP
[71] CCI HOLDINGS INC., JP
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[86] 2019-04-12 (PCT/JP2019/016023)
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[25] EN
[54] **MANIPULATING ARID5B EXPRESSION IN IMMUNE CELLS TO PROMOTE METABOLISM, SURVIVAL, AND FUNCTION**
[54] **MANIPULATION DE L'EXPRESSION D'ARID5B DANS DES CELLULES IMMUNITAIRES POUR STIMULER LEUR METABOLISME, LEUR SURVIE ET LEUR FONCTION**
[72] MILLER, JEFFREY STEVEN, US
[72] CICHOCKI, FRANK MARTIN, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[51] **Int.Cl. C01D 15/08 (2006.01) C01D 15/02 (2006.01) C22B 3/24 (2006.01)**
[25] EN
[54] **PROCESS FOR SELECTIVE ADSORPTION AND RECOVERY OF LITHIUM FROM NATURAL AND SYNTHETIC BRINES**
[54] **PROCEDE D'ADSORPTION SELECTIVE ET DE RECUPERATION DE LITHIUM A PARTIR DE SAUMURES NATURELLES ET SYNTHETIQUES**
[72] MARSTON, CHARLES R., US
[72] GARSKA, MICHAEL J., US
[71] ENERGYSOURCE MINERALS LLC, US
[85] 2020-11-13
[86] 2019-05-03 (PCT/US2019/030634)
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[30] US (62/671,489) 2018-05-15
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[51] **Int.Cl. G06Q 50/34 (2012.01) A63F 1/18 (2006.01)**
[25] EN
[54] **TABLE GAME MANAGEMENT SYSTEM AND GAME MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE JEU DE TABLE ET SYSTEME DE GESTION DE JEU**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2020-11-13
[86] 2019-05-13 (PCT/JP2019/018950)
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[54] **IMAGE ENCODING DEVICE, ENCODED STREAM EXTRACTION DEVICE, AND IMAGE DECODING DEVICE**
[54] **DISPOSITIF DE CODAGE D'IMAGES, DISPOSITIF D'EXTRACTION DE FLUX CODES ET DISPOSITIF DE DECODAGE D'IMAGES**
[72] AONO, TOMOKO, JP
[72] CHUJOH, TAKESHI, JP
[72] IKAI, TOMOHIRO, JP
[72] YASUGI, YUKINOBU, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **COMPLEX HAVING ANTI-HUMAN MUC1 ANTIBODY FAB FRAGMENT, PEPTIDE LINKER AND/OR LIGAND**
[54] **COMPLEXE AYANT UN FRAGMENT FAB D'ANTICORPS ANTI-MUC1 HUMAINE, UN LIEUR PEPTIDIQUE ET/OU UN LIGAND**
[72] ASANO, TORU, JP
[72] SANO, YORIKATA, JP
[72] MORINAKA, AKIFUMI, JP
[72] SHIRAI, HIROKI, JP
[72] HIRAYAMA, KAZUNORI, JP
[72] AKAIWA, MICHINORI, JP
[72] YAMADA, HIROYOSHI, JP
[72] SHIRAISHI, NOBUYUKI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2020-11-13
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[30] JP (2018-095461) 2018-05-17

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[54] **MATRIX METALLOPROTEINASE (MMP) INHIBITORS AND METHODS OF USE THEREOF**
[54] **INHIBITEURS DE METALLOPROTEINASES MATRICIELLES (MMP) ET LEURS PROCEDES D'UTILISATION**
[72] YANG, WENJIN, US
[72] CHANG, KAI-WEI, US
[72] LIU, SUYING, US
[72] TSAI, CHENG-HAN, US
[71] FORESEE PHARMACEUTICALS USA, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032127)
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[54] **MATRIX METALLOPROTEINASE (MMP) INHIBITORS AND METHODS OF USE THEREOF**
[54] **INHIBITEURS DE METALLOPROTEINASE MATRICIELLE (MMP) ET PROCEDES D'UTILISATION ASSOCIES**
[72] YANG, WENJIN, US
[72] CHANG, KAI-WEI, US
[72] LIU, SUYING, US
[72] TSAI, CHENG-HAN, US
[71] FORESEE PHARMACEUTICALS USA, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032131)
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[25] EN
[54] **METHODS AND COMPOSITIONS RELATED TO EXTRACELLULAR MATERIAL DERIVED FROM HYPERTONIC CELL SOLUTIONS**
[54] **METHODES ET COMPOSITIONS ASSOCIEES A UN MATERIEL EXTRACELLULAIRE DERIVE DE SOLUTIONS DE CELLULES HYPERTONIQUES**
[72] NG, KELVIN S., US
[72] ROWLEY, JONATHAN A., US
[72] LOCK, LYE THENG, US
[72] RAVISHANKAR, PRARTHANA, US
[71] ROOSTERBIO, INC., US
[85] 2020-11-13
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[54] **PHOTONIC PROCESSING SYSTEMS AND METHODS**
[54] **SYSTEMES DE TRAITEMENT PHOTONIQUE ET PROCEDES**
[72] HARRIS, NICHOLAS C., US
[72] BUNANDAR, DARIUS, US
[72] RAMEY, CARL, US
[71] LIGHTMATTER, INC., US
[85] 2020-11-13
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[30] US (62/793,327) 2019-01-16
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[25] EN
[54] **GRINDING WHEEL ASSEMBLY**
[54] **ENSEMBLE MEULE**
[72] ODEH, SAMUEL H., US
[72] SCIGACZ, ANDRZEJ, US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032189)
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[54] **BREAST PUMP ASSEMBLY WITH CUSTOMIZED AND VARIABLE FUNCTIONALITY**
[54] **ENSEMBLE TIRE-LAIT A FONCTIONNALITE PERSONNALISEE ET VARIABLE**
[72] CHANG, JOHN, US
[72] CALMER, MATHEW, US
[72] KOZINN, SHANNON, US
[72] MAKOWER, JOSHUA, US
[72] VRANY PHILLIPS, JULIE, US
[72] HOWELLS, MICHAEL, US
[72] VARIER, ROOPESH, US
[72] GILIK, JOHN, US
[72] PETERSEN, BETHANY, US
[72] AGARWAL, NISHA, US
[71] WILLOW INNOVATIONS, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032098)
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[25] EN
[54] **UROLITHIN A AND DERIVATIVES THEREOF FOR USE IN THERAPY**
[54] **UROLITHINE A ET SES DERIVES DESTINES A ETRE UTILISES EN THERAPIE**
[72] JALA, VENKATAKRISHNA RAO, US
[72] BODDULURI, HARIBABU, US
[72] SINGH, RAJBIR, US
[72] VEMULA, PRAVEEN KUMAR, IN
[72] CHANDRASHEKHARAPPA, SANDEEP, IN
[72] HIWALE, ANKITA ARUN, IN
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
[71] THE INSTITUTE FOR STEM CELL BIOLOGY AND REGENERATIVE MEDICINE (INSTEM), IN
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032117)
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[25] EN
[54] **BUTT CLOSURES AND ORGANIZER ASSEMBLIES THEREFOR**
[54] **FERMETURES BOUT-A-BOUT ET ENSEMBLES ORGANISATEURS ASSOCIES**
[72] WITTMEIER, DAVID, US
[72] LANE, DAVID, US
[72] STOUT, CECILIA, US
[72] MILLER, WILLIAM, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032120)
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[30] US (62/671,132) 2018-05-14
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[51] **Int.Cl. A61M 16/04 (2006.01)**
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[54] **TRACHEAL CANNULATION DEVICE**
[54] **DISPOSITIF DE CANULATION TRACHEALE**
[72] VENTICINQUE, STEVEN, US
[72] RICE, JUSTIN, US
[72] CHASTAIN, TRAVIS, US
[71] VENTICINQUE, STEVEN, US
[71] RICE, JUSTIN, US
[71] CHASTAIN, TRAVIS, US
[85] 2020-11-13
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[25] EN
[54] **ASSEMBLY FOR SATURATING A MEDIUM WITH A FLUID**
[54] **ENSEMBLE DE SATURATION D'UN MILIEU AVEC UN FLUIDE**
[72] HARWEGER, ERIC, US
[71] HABER TECHNOLOGIES LLC, US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032222)
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[30] US (62/671,122) 2018-05-14
[30] US (16/357,596) 2019-03-19

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[51] **Int.Cl. F21V 29/503 (2015.01) F21V 29/71 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) B29C 45/14 (2006.01) H02M 7/02 (2006.01) H05B 41/16 (2006.01) H05B 41/24 (2006.01)**
[25] EN
[54] **LIGHTING MODULE HAVING INTEGRATED ELECTRICAL CONNECTOR**
[54] **MODULE D'ECLAIRAGE A CONNECTEUR ELECTRIQUE INTEGRE**
[72] DANESH, MICHAEL, D., US
[72] CHEN, BENJAMIN, US
[72] NIXON, JAMIE, US
[71] DMF, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032281)
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[25] EN
[54] **COUPLING OF ION MOBILITY SPECTROMETER WITH MASS SPECTROMETER**
[54] **COUPLAGE D'UN SPECTROMETRE DE MOBILITE IONIQUE AVEC UN SPECTROMETRE DE MASSE**
[72] HAMID, AHMED M., US
[72] ANDERSON, GORDON A., US
[72] DEBORD, JOHN DANIEL, US
[71] MOBILION SYSTEMS, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032297)
[87] (WO2019/222274)
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[25] EN
[54] **PROTECTIVE COVER FOR OUTDOOR APPARATUS**
[54] **COUVERCLE DE PROTECTION POUR APPAREIL D'EXTERIEUR**
[72] LIN, TERRY KANG, US
[72] LIU, JIAKE, US
[72] RYAN, PATRICK, US
[71] OUTER, INC., US
[85] 2020-11-13
[86] 2019-05-14 (PCT/US2019/032299)
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[25] EN
[54] **METHODS TO INCORPORATE MACHINE LEARNING ANALYTICS FOR OPTIMIZING PROTEIN PURITY, POTENCY AND QUALITY IN AN ON-DEMAND PRODUCTION SYSTEM FOR POINT-OF-CARE DELIVERY**
[54] **PROCEDES POUR INTEGRER DES ANALYSES D'APPRENTISSAGE AUTOMATIQUE POUR OPTIMISER LA PURETE, L'EFFICACITE ET LA QUALITE DE PROTEINES DANS UN SYSTEME DE PRODUCTION SUR DEMANDE POUR UNE ADMINISTRATION SUR LE POINT D'INTERVENTION**
[72] RAO, GOVIND, US
[72] KOSTOV, YORDAN, US
[72] PUNSHON-SMITH, BENJAMIN, US
[72] ADIGA, RAJANI, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, US
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[51] **Int.Cl. F17C 13/00 (2006.01) F17C 13/04 (2006.01) F17C 13/08 (2006.01)**
[25] EN
[54] **HANDLE ASSEMBLY FOR A PORTABLE PRESSURIZED GAS CYLINDER**
[54] **ENSEMBLE POIGNEE POUR BOUTEILLE DE GAZ COMPRIME PORTATIVE**
[72] AGUIAR, CARLOS, PT
[72] TENREIRO, ANA, PT
[71] AMTROL LICENSING INC., US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032356)
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[30] US (15/981,367) 2018-05-16

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[51] **Int.Cl. A61F 13/551 (2006.01) A61F 13/49 (2006.01) A61F 13/496 (2006.01)**
[25] EN
[54] **PROTECTIVE UNDERWEAR INCLUDING DISPOSAL ASSEMBLY**
[54] **SOUS-VETEMENT DE PROTECTION COMPRENANT UN ENSEMBLE D'ELIMINATION**
[72] ROSZKOWIAK, AMANDA, US
[72] MATUS, KRISTY, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032379)
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IN VITRO AND XENOGRAFT ANTI-TUMOR ACTIVITY OF A HALOGENATED-XANTHENE AGAINST REFRACTORY PEDIATRIC SOLID TUMORS**
[54] **ACTIVITE ANTITUMORALE IN VITRO ET DE XENOGREFFE D'UN XANTHENE HALOGENE CONTRE DES TUMEURS SOLIDES PEDIATRIQUES REFRACTAIRES**
[72] SINGER, JAMIE, US
[72] WACHTER, ERIC A., US
[72] SWIFT, LUCY, CA
[72] ZHANG, CHUNFEN, CA
[72] TRIPPETT, TANYA, US
[72] NARENDRAN, ARU, CA
[71] PROVECTUS PHARMATECH, INC., US
[71] THE GOVERNORS OF THE UNIVERSITY OF CALGARY, CA
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032435)
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[51] **Int.Cl. H02J 7/00 (2006.01) H02S 10/40 (2014.01) B60L 53/60 (2019.01) B60L 53/67 (2019.01) B60L 53/68 (2019.01)**
[25] EN
[54] **MOBILE ELECTRIC VEHICLE CHARGING STATION SYSTEM**
[54] **SYSTEME DE STATION DE CHARGE MOBILE DE VEHICULE ELECTRIQUE**
[72] GOEI, ESMOND, US
[71] POWER HERO CORP., US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032447)
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[30] US (62/671,526) 2018-05-15
[30] US (16/412,118) 2019-05-14

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[25] EN
[54] **PHOSPHORS WITH NARROW GREEN EMISSION**
[54] **SUBSTANCES LUMINESCENTES A EMISSION VERTE ETROITE**
[72] NORDSELL, ROBERT, US
[72] THOMAS, EVAN, US
[72] GO, YONG BOK, US
[72] BAROUDI, KRISTEN, US
[72] MELMAN, JONATHAN, US
[72] XIE, YUMING, US
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032415)
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[30] US (62/673,044) 2018-05-17
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[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/12 (2006.01) B32B 5/26 (2006.01)**
[25] EN
[54] **MANUFACTURING PROCESS FOR PAPERMAKING ENDLESS BELTS USING 3D PRINTING TECHNOLOGY**
[54] **PROCEDE DE FABRICATION DE COURROIES SANS FIN DE FABRICATION DE PAPIER METTANT EN □UVRE UNE TECHNOLOGIE D'IMPRESSION 3D**
[72] MILLER, BYRD TYLER, US
[72] ANDRUKH, TARAS Z., US
[72] SEALEY, JAMES E., US
[71] STRUCTURED I, LLC, US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032417)
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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/10 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENETIC MANIPULATION OF AKKERMANSIA SPECIES**
[54] **SYSTEMES ET PROCEDES DE MANIPULATION GENETIQUE D'ESPECES D'AKKERMANSIA**
[72] VALDIVIA, RAPHAEL, US
[72] MALKUS, PER, US
[72] DAVEY, LAUREN, US
[71] DUKE UNIVERSITY, US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032431)
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[30] US (62/671,614) 2018-05-15

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[51] **Int.Cl. A61K 9/70 (2006.01) A61L 24/04 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE ADHESIVE MATERIALS WITH IONIC AND COVALENT INTERACTION**
[54] **MATERIAUX ADHESIFS BIOCOMPATIBLES A INTERACTION IONIQUE ET COVALENTE**
[72] MUNOZ TABOADA, GONZALO, ES
[72] ARTZI, NATALIE, US
[72] EDELMAN, ELAZER R., US
[71] BIODEVEK, INC., US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032458)
[87] (WO2019/222377)
[30] US (62/672,046) 2018-05-15
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[51] **Int.Cl. C09K 11/02 (2006.01) H01L 33/50 (2010.01) C09K 11/77 (2006.01)**
[25] EN
[54] **COATED THIOALUMINATE PHOSPHOR PARTICLES**
[54] **PARTICULES DE PHOSPHORE DE THIOALUMINATE ENROBEES**
[72] THOMAS, ALAN C., US
[72] XIE, YUMING, US
[72] MELMAN, JONATHAN, US
[72] NORDSELL, ROBERT, US
[72] GO, YONG BOK, US
[72] BAROUDI, KRISTEN, US
[72] THOMAS, EVAN, US
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[85] 2020-11-13
[86] 2019-05-15 (PCT/US2019/032466)
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[30] US (62/672,729) 2018-05-17
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[51] **Int.Cl. A61K 31/404 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS WITH GLYCOGEN SYNTHASE KINASE 3 FORM BETA INHIBITORS**
[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE IDIOPATHIQUE AVEC DES INHIBITEURS DE FORME BETA DE LA GLYCOGENE SYNTHASE KINASE 3**
[72] TUCKER, TORRY A., US
[72] IDELL, STEVEN, US
[71] ACTUATE THERAPEUTICS, INC., US
[85] 2020-11-13
[86] 2019-05-16 (PCT/US2019/032639)
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[30] US (62/672,864) 2018-05-17

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR GENERATING CELLS OF ENDODERMAL LINEAGE AND BETA CELLS AND USES THEREOF**
[54] **PROCEDES ET COMPOSITIONS POUR GENERER DES CELLULES DE LIGNEE ENDODERMIQUE ET DES CELLULES BETA ET UTILISATIONS ASSOCIEES**
[72] MILLMAN, JEFFREY R., US
[72] HOGREBE, NATHANIEL, US
[72] SONG, JIWON, US
[72] VELAZCO-CRUZ, LEONARDO, US
[71] WASHINGTON UNIVERSITY, US
[85] 2020-11-13
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[72] WEGENER, STACI L., US
[72] LACARTE, CHRIS, CA
[72] PEELER, CALVIN T., US
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[54] **MEMBRANE DE LIMITATION DE GLUCOSE THERMIQUEMENT STABLE POUR CAPTEURS DE GLUCOSE**
[72] WANG, JENN-HANN LARRY, US
[72] HOVANES, DERO, US
[72] GULATI, POONAM S., US
[71] MEDTRONIC MINIMED, INC., US
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[54] **PROCEDES ET APPAREIL D'OPTIMISATION INTRA-CELLULE ET INTER-FREQUENCE DANS UN SYSTEME SANS FIL SOUS QUASI-LICENCE**
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[72] KAKINADA, UMAMAHESWAR, US
[72] VAIDYA, MAULIK, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
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[54] **BLOCAGE DE L'EXPRESSION DE SURFACE DE CD2 ET EXPRESSION DE RECEPTEURS ANTIGENIQUES CHIMERIQUES A DES FINS D'IMMUNOTHERAPIE DE MALIGNITES DES LYMPHOCYTES T**
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[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[54] **POLYTHERAPIES POUR LE TRAITEMENT DU CANCER**
[72] CASTILLA, LUCIO HERNAN, US
[72] PULIKKAN, JOHN ANTO, US
[72] BUSHWELLER, JOHN, H., US
[72] ILLENDULA, ANURADHA, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[54] **SYSTEME DE DISTRIBUTION D'ENERGIE UTILISANT UN CHAMP ELECTRIQUE**
[72] GORANS, MARC S., US
[72] KLEVEN, JAMES J., US
[72] WERDER, WADE D., US
[72] FRENCH, JACOB R., US
[72] WORCESTER, DEREK, US
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[54] **DISPOSITIF DE TRAITEMENT DE L'□IL AYANT UNE FORME DE TYPE ANNULAIRE**
[72] TAI, YU-CHONG, US
[72] SCIANMARELLO, NICHOLAS E., US
[72] COOK, COLIN A., US
[72] HUMAYUN, MARK S., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **INHIBITEURS DE KRAS G12C ET LEURS PROCEDES D'UTILISATION**
[72] ALLEN, JOHN GORDON, US
[72] LANMAN, BRIAN ALAN, US
[72] CHEN, JIAN, US
[72] REED, ANTHONY B., US
[72] CEE, VICTOR J., US
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[72] WURZ, RYAN PAUL, US
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[72] AMEGADZIE, ALBERT, US
[72] CHEN, NING, US
[72] GOODMAN, CLIFFORD, US
[72] LOW, JONATHAN D., US
[72] MA, VU VAN, US
[72] MINATTI, ANA ELENA, US
[72] NISHIMURA, NOBUKO, US
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[72] SIEGMUND, AARON C., US
[72] YANG, KEVIN C., US
[72] TAMAYO, NURIA A., US
[72] WALTON, MARY, US
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[54] **TRAVAUX DE PUITS IMPLIQUANT UN TEST D'INJECTION DE FRACTURE SYNTHETIQUE**
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[72] KNABE, STEVEN PATTON, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **NOUVELLES PROTEINES INSECTICIDES**
[72] BOWEN, DAVID J., US
[72] CHAY, CATHERINE A., US
[72] CICHE, TODD A., US
[72] HOWE, ARLENE R., US
[72] FLASINSKI, STANISLAW, US
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[54] **AGENCEMENT DE SUPERCONDENSATEUR POUR AMELIORER LES PERFORMANCES DE PUISSANCE ELECTRONIQUE DE VEHICULES FLOTTANTS**
[72] TRIVEDI, MANEESHI, GB
[72] GRAYSON, CHRISTOPHER CHARLES, GB
[71] BAE SYSTEMS PLC, GB
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[54] **DERIVES D'HEXAHYDROPYRROLO[3,4-C]PYRROLE UTILES EN TANT QU'INHIBITEURS DE LOX**
[72] LEUNG, LEO, GB
[72] NORTH, KIRI, GB
[72] SMITHEN, DEBORAH, GB
[72] ALJARAH, MOHAMMED, GB
[72] BROWN, MICHAEL, GB
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[72] SPRINGER, CAROLINE, GB
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[71] LINTEC OF AMERICA, INC., US
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[54] **MOLECULES DE LIAISON A GP41 OPTIMISEES ET UTILISATIONS ASSOCIEES**
[72] LAM, CHIA-YING KAO, US
[72] DIEDRICH, GUNDO, US
[72] NORDSTROM, JEFFREY LEE, US
[72] LIU, LIQIN, US
[72] JOHNSON, LESLIE S., US
[72] KOENIG, SCOTT, US
[72] HAYNES, BARTON F., US
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[71] MACROGENICS, INC., US
[71] DUKE UNIVERSITY, US
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[72] KRISTA, SEBASTIAN, DE
[72] SCHMER, KONSTANTIN, DE
[71] IGUS GMBH, DE
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[72] ORVEDAHL, TRAVIS, US
[72] VOGEL, BERNARD T., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEME DE SUSPENSION A BALANCIERS EN TANDEM POUR VEHICULE A CHENILLES**
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[71] UTV INTERNATIONAL INC., CA
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[54] **ELEMENT DE STATOR D'UNE POMPE A CAVITES PROGRESSIVES ET POMPE A CAVITES PROGRESSIVES**
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[72] OGER, ERIC, FR
[71] PCM TECHNOLOGIES, FR
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[54] **THERAPIE GENIQUE MEDIEE PAR UN VECTEUR VIRAL ADENO-ASSOCIE POUR LE TRAITEMENT DE TROUBLES LIES A L'X FRAGILE**
[72] HAMPSON, DAVID R., CA
[72] GHOLIZADEH MOGHADDAM, SHERVIN, CA
[72] ARSENAULT, JASON, CA
[72] NIIBORI, YOSUKE, CA
[72] HOOPER, ALEXANDER W.M., CA
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[54] **PROCEDE DE TRANSMISSION DE DONNEES ET DISPOSITIF TERMINAL**
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[72] LIN, HUEI-MING, AU
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **EMBOUCHURE D'UN CONDUIT DE GAZ CHAUD DE MOTEUR D'AERONEF A TRAVERS UNE PAROI DU MOTEUR**
[72] FERRIER, ROMAIN JEAN-CLAUDE, FR
[72] CHALAUD, SEBASTIEN CHRISTOPHE, FR
[72] CHANEZ, PHILIPPE GERARD, FR
[72] DAVIS, LAUREN, FR
[72] VERDIER, BASTIEN PIERRE, FR
[72] VESSOT, CHRISTIAN SYLVAIN, FR
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[54] **EMBALLAGE COMPRENANT UN RECIPIENT PLASTIQUE AVEC PAS D'EMPILAGE CONSTANT**
[72] HAON, BRUNO, FR
[72] LEMAIRE, GAUTHIER, FR
[72] MUGNIER, JEROME, FR
[72] NAVORET, STEPHANE, FR
[71] ROQUETTE FRERES, FR
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[72] VISH, SAMANTHA, US
[71] WADDINGTON NORTH AMERICA, INC., US
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[54] **PEPTIDES D'ECHAFAUDAGE STABILISANT DES BIOMOLECULES HYDROPHOBES ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] DUONG, FRANCK, CA
[72] CARLSON, MICHAEL, CA
[72] DHUPAR, HARVEER, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **SYSTEME DE FOURNITURE DE VAPEUR ELECTRONIQUE DOTE D'UN AGENCEMENT DE DISTRIBUTION DE MATERIAU DE SUBSTRAT AEROSOLISABLE**
[72] MOLONEY, PATRICK, GB
[72] CHAN, JUSTIN HAN YANG, GB
[71] NICOVENTURES TRADING LIMITED, GB
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[71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
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[54] **LENTILLES INTRAOCULAIRES DESTINEES A REDUIRE LE RISQUE D'OPACIFICATION DE LA CAPSULE POSTERIEURE**
[72] ROSEN, ROBERT, NL
[72] WEEBER, HENDRIK A., NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ZONNEVELD, ROBIN, NL
[72] MEIJER, SIEGER, NL
[72] KOOPMAN, BRAM, NL
[72] CANNEGIETER, BART, NL
[72] BOGAERT, THEOPHILUS, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] STATE, MIHAI, NL
[71] AMO GRONINGEN B.V., NL
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[54] **DISPOSITIF DE SECURITE ET SON PROCEDE DE FABRICATION**
[72] HOLMES, BRIAN, GB
[72] FOURNIER, FREDERIC, GB
[72] KING, MARIA, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[54] **SYSTEMS AND METHODS FOR VERGENCE MATCHING WITH AN OPTICAL PROFILE AND USING REFRACTIVE INDEX WRITING**
[54] **SYSTEMES ET PROCEDES DE CORRESPONDANCE DE VERGENCE AVEC UN PROFIL OPTIQUE ET A L'AIDE D'ECRITURE D'INDICE DE REFRACTION**
[72] ROSEN, ROBERT, NL
[72] GOUNOU, FRANCK EMMANUEL, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
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[54] **AN ADHESIVE LAYERED MATRIX AND USES THEREOF**
[54] **MATRICE STRATIFIEE ADHESIVE ET SES UTILISATIONS**
[72] BAHAR, AMIR, IL
[72] NSEIR MANASSA, NORA, IL
[72] DODIUK KENIG, HANNA, IL
[71] NURAMI MEDICAL LTD., IL
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[54] **GENE CIBLE D'ARNI HAUTEMENT LETAL POUR LES APHIDIENS ET UTILISATION ASSOCIEE**
[72] MIAO, XUEXIA, CN
[72] LI, HAICHAO, CN
[72] GUAN, RUOBING, CN
[71] CAS CENTER FOR EXCELLENCE IN MOLECULAR PLANT SCIENCES, CN
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[54] **SYSTEM FOR DRAINAGE OF SURFACE WATER**
[54] **SYSTEME DE DRAINAGE DES EAUX DE SURFACE**
[72] JOHNSEN, ASLE, NO
[71] AIWELL HOLDING AS, NO
[85] 2020-11-16
[86] 2019-05-22 (PCT/NO2019/050115)
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[54] **GENETICALLY ENGINEERED CELL AND APPLICATION THEREOF**
[54] **CELLULE GENETIQUEMENT MODIFIEE ET APPLICATION DE CETTE DERNIERE**
[72] LI, ZONGHAI, CN
[72] LUO, HONG, CN
[72] JIANG, HUA, CN
[72] WANG, HUAMAO, CN
[71] CARSGEN THERAPEUTICS CO., LTD., CN
[71] SHANGHAI CANCER INSTITUTE, CN
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[54] **APPAREIL POUR BLESSER OU TUER DES ORGANISMES INDESIRABLES DANS L'EAU**
[72] ERITZLAND, RUNE, NO
[71] ASKVIK AQUA AS, NO
[85] 2020-11-16
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[54] **COMPOSES DE PYRIDONES HETEROCONDENSES ET LEUR UTILISATION EN TANT QU'INHIBITEURS D'IDH**
[72] CASALE, ELENA, IT
[72] CASUSCELLI, FRANCESCO, IT
[72] DISINGRINI, TERESA, IT
[72] MAGNAGHI, PAOLA, IT
[72] MALGESINI, BEATRICE, IT
[72] MOTTO, ILARIA, IT
[72] NUVOLONI, STEFANO, IT
[71] NERVIANO MEDICAL SCIENCES S.R.L., IT
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[54] **MODULE RADIOFREQUENCE**
[72] MENARGUES GOMEZ, ESTEBAN, CH
[72] DEBOGOVIC, TOMISLAV, CH
[72] CAPDEVILA, CASCANTE, SANTIAGO, CH
[72] DE RIJK, EMILE, CH
[71] SWISSTO12 SA, CH
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[54] **LUBRICATING OILS FOR WET CLUTCH SYSTEMS**
[54] **HUILES LUBRIFIANTES POUR SYSTEMES D'EMBRAYAGE HUMIDE**
[72] KUBO, KOICHI, JP
[72] TAKEUCHI, YOSHITAKA, JP
[72] AOYAMA, KYOSUKE, JP
[72] MIYAMOTO, TSUYOSHI, JP
[71] CHEVRON JAPAN LTD., JP
[85] 2020-11-16
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[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **PROCEDE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
[72] OMURA, MASAHIRO, JP
[71] KANSAI PAINT CO., LTD., JP
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[54] **FUNCTIONAL MEMBER-ATTACHED GLASS WINDOW**
[54] **FENETRE EN VERRE AVEC ELEMENT FONCTIONNEL**
[72] OGAWA, MAYU, JP
[72] FUKUDA, MITSUO, JP
[72] MATSUMURA, MASAHIRO, JP
[72] SAITO, AKIRA, JP
[71] AGC INC., JP
[71] AGC GLASS EUROPE, BE
[71] AGC FLAT GLASS NORTH AMERICA, INC., US
[71] AGC VIDROS DO BRASIL LTDA., BR
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[54] **SUPERPOSITION D'IMAGES MULTIMODALES**
[72] KRUECKER, JOCHEN, NL
[72] CHEN, ALVIN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2020-11-16
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[54] **ANTIGEN VARIANT OF VARICELLA ZOSTER VIRUS AND USE THEREOF**
[54] **VARIANT D'ANTIGENE DU VIRUS VARICELLE-ZONA ET UTILISATION ASSOCIEE**
[72] NAM, HYO JUNG, KR
[72] JI, GA YOUNG, KR
[72] KIM, EUNMI, KR
[71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR
[85] 2020-11-16
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[54] **PULLEY STRUCTURE**
[54] **STRUCTURE DE POULIE**
[72] IIO, NORIHISA, JP
[71] MITSUBOSHI BELTING LTD., JP
[85] 2020-11-16
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[25] EN
[54] **FIBER-REINFORCED POLYMER ALLOY SUBSTRATE AND MOLDED ARTICLE USING SAME**
[54] **SUBSTRAT EN ALLIAGE POLYMERE RENFORCE PAR DES FIBRES ET ARTICLE MOULE FAISANT APPEL A CELUI-CI**
[72] KOSHI, MASAYUKI, JP
[72] OUCHIYAMA, NAOYA, JP
[72] NARUSE, YOSHIHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-11-16
[86] 2019-07-09 (PCT/JP2019/027109)
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING HYALURONIC ACID AND STEM CELLS FOR TREATING CARTILAGE DAMAGE-ASSOCIATED DISEASE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'ACIDE HYALURONIQUE ET DES CELLULES SOUCHES PERMETTANT DE TRAITER UNE MALADIE ASSOCIEE A DES LESIONS DU CARTILAGE**
[72] YANG, YUN SUN, KR
[72] OH, WONIL, KR
[72] CHOI, SOO JIN, KR
[72] LEE, MIYOUNG, KR
[72] HA, JUEUN, KR
[72] LEE, MINJU, KR
[71] MEDIPOST CO., LTD., KR
[85] 2020-11-16
[86] 2019-06-05 (PCT/KR2019/006816)
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[54] **SYSTEME DE POSE DE PANSEMENT SUR UNE PLAIE A PRESSION NEGATIVE**
[72] ZOCHOWSKI, CHRISTOPHER G., US
[72] BEREND, KEITH R., US
[71] MIDWEST TRAINING AND DEVELOPMENT SERVICES, LLC, US
[85] 2020-11-16
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING MESENCHYMAL STEM CELLS AS EFFECTIVE INGREDIENT FOR PREVENTION OR TREATMENT OF INFLAMMATORY DISEASE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES CELLULES SOUCHES MESENCHYMATEUSES EN TANT QU'INGREDIENT EFFICACE POUR LA PREVENTION OU LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE**
[72] YANG, YUN SUN, KR
[72] OH, WONIL, KR
[72] CHOI, SOO JIN, KR
[72] KWAK, JIHYE, KR
[72] KIM, DONG HYON, KR
[72] LIM, HOON, KR
[71] MEDIPOST CO., LTD., KR
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[54] **OPTICAL SYSTEM INCLUDING LIGHT-GUIDE OPTICAL ELEMENT WITH PARTIALLY-REFLECTIVE INTERNAL SURFACES**
[54] **SYSTEME OPTIQUE COMPRENANT UN ELEMENT OPTIQUE DE GUIDAGE DE LUMIERE DOTE DE SURFACES INTERNES PARTIELLEMENT REFLECHISSANTES**
[72] RONEN, EITAN, IL
[71] LUMUS LTD., IL
[85] 2020-11-16
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[54] **FLOTATION DEVICE**
[54] **DISPOSITIF DE FLOTTAISON**
[72] FRANK, JORDAN, US
[72] NUMBERS, JEANETTE, US
[72] PRITCHARD, RANCE, US
[72] JACKSON, CHANDLYR, US
[71] FRANK, JORDAN, US
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[54] **APPARATUS AND A METHOD FOR MONITORING A PATIENT DURING HIS SLEEP**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE D'UN PATIENT PENDANT SON SOMMEIL**
[72] YAZIGI, RAJA, CH
[72] KOLLER, PHILIPPE, CH
[71] YAZIGI, RAJA, CH
[71] KOLLER, PHILIPPE, CH
[85] 2020-11-16
[86] 2019-07-02 (PCT/IB2019/055629)
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[25] EN
[54] **OPHTHALMIC LASER SURGICAL SYSTEM AND METHOD IMPLEMENTING SIMULTANEOUS LASER TREATMENT AND OCT MEASUREMENT**
[54] **SYSTEME CHIRURGICAL LASER OPHTALMIQUE ET PROCEDE METTANT EN □UVRE UN TRAITEMENT LASER SIMULTANE ET UNE MESURE OCT**
[72] SIMONEAU, MICHAEL J., US
[72] DEWEY, DAVID A., US
[72] GONZALEZ, JAVIER G., US
[71] AMO DEVELOPMENT, LLC, US
[85] 2020-11-16
[86] 2020-02-04 (PCT/IB2020/050875)
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[54] **SWADDLING DEVICE**
[54] **DISPOSITIF D'EMMAILLOTEMENT**
[72] DAMIR, LYNETTE, US
[72] DAMIR, JEFFREY, US
[71] SWADDLEDESIGNS, LLC, US
[85] 2020-11-16
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[25] EN
[54] **OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS**
[54] **MEMOIRE EMPILEES A INTERFACE OPTIQUE ET PROCEDES ET SYSTEMES ASSOCIES**
[72] HARRIS, NICHOLAS C., US
[72] RAMEY, CARL, US
[71] LIGHTMATTER, INC., US
[85] 2020-11-16
[86] 2019-04-30 (PCT/US2019/029803)
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[30] US (62/673,046) 2018-05-17
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[54] **TWISTED REINFORCEMENT FIBERS AND METHOD OF MAKING**
[54] **FIBRES DE RENFORT TORSADEES ET LEUR PROCEDE DE FABRICATION**
[72] PINKERTON, LUKE, US
[71] PENSMORE REINFORCEMENT TECHNOLOGIES, LLC, US
[85] 2020-11-16
[86] 2018-05-18 (PCT/US2018/033325)
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 41/00 (2006.01)**
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[54] **WELLBORE GAS LIFT OPTIMIZATION**
[54] **OPTIMISATION D'EXTRACTION AU GAZ DE PUITS DE FORAGE**
[72] MADASU, SRINATH, US
[72] WONG, TERRY, US
[72] RANGARAJAN, KESHAVA PRASAD, US
[72] WARD, STEVEN, US
[72] JIANG, ZHIXIANG, CN
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **ENRICHISSEMENT ET DETECTION DE METHYLATION SPECIFIQUE A UNE SEQUENCE**
[72] SHUBER, ANTHONY P., US
[71] GENETICS RESEARCH, LLC, D/B/A ZS GENETICS, INC., US
[85] 2020-11-16
[86] 2018-10-03 (PCT/US2018/054188)
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[30] US (16/018,926) 2018-06-26
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[25] EN
[54] **WEBPAGE INTEGRITY MONITORING**
[54] **SURVEILLANCE D'INTEGRITE DE PAGE WEB**
[72] WILLIS, AARON, US
[71] SECURITYMETRICS, INC., US
[85] 2020-11-16
[86] 2019-02-14 (PCT/US2019/018060)
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[54] **RESISTANCE TRAINING SYSTEM**
[54] **APPAREIL D'ENTRAINEMENT PAR RESISTANCE**
[72] CHAUDHURI, RAJA, US
[71] CHAUDHURI, RAJA, US
[85] 2020-11-16
[86] 2019-04-09 (PCT/US2019/026660)
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[25] EN
[54] **SYSTEMS AND METHODS FOR REVIEW OF COMPUTER-AIDED DETECTION OF PATHOLOGY IN IMAGES**
[54] **SYSTEMES ET PROCEDES POUR L'EXAMEN DE LA DETECTION ASSISTEE PAR ORDINATEUR D'UNE PATHOLOGIE DANS DES IMAGES**
[72] BERGMAN, HARRIS, US
[72] BLOMQUIST, MARK, US
[72] WIMMER, MICHAEL, US
[71] BENEVIS INFORMATICS, LLC, US
[85] 2020-11-16
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[54] **RE-PULPABLE PACKAGING MATERIAL**
[54] **MATERIAU D'EMBALLAGE RETRITURABLE**
[72] NYFLOTT, ASA, SE
[72] BONNERUP, CHRIS, SE
[72] EKBERG, MAGNUS, SE
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[25] EN
[54] **CONTAINING DEVICE HAVING SLIDABLE HANDLE**
[54] **DISPOSITIF DE CONFINEMENT A POIGNEE COULISSANTE**
[72] LIU, SHENG-YU, CN
[71] FREE-FREE INDUSTRIAL CORP., TW
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[54] **DIGITAL JUKEBOX DEVICE WITH IMPROVED USER INTERFACES, AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE JUKE-BOX NUMERIQUE AYANT DES INTERFACES D'UTILISATEUR PERFECTIONNEES, ET PROCEDES ASSOCIES**
[72] BEAUMIER, FRANCOIS, US
[72] DESMARAIS, REMI, US
[72] HEBERT, SEBASTIEN, US
[72] GRATTON, LOIC, US
[72] KHENFIR, MOUNIR, US
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] POMPIDOR, CHRISTIAN, US
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[54] **GAME WITH CHANCE ELEMENT OR EVENT SIMULATION**
[54] **JEU AVEC ELEMENT DE CHANCE OU SIMULATION D'EVENEMENT**
[72] LUTNICK, HOWARD W., US
[72] ALDERUCCI, DEAN P., US
[72] GELMAN, GEOFFREY M., US
[71] CFPH, LLC, US
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[54] **STEERABLE DELIVERY SYSTEM FOR REPLACEMENT MITRAL VALVE AND METHODS OF USE**
[54]
[72] COOPER, ALEXANDER H., US
[72] LANDON, DAVID ROBERT, US
[72] SANCHEZ, JULIO CESAR, US
[72] RABITO, GLEN T., US
[72] RATZ, BRENT J., US
[72] QUADRI, ARSHAD, US
[72] STEWART, KEVIN M., US
[72] CHOW, PATRICK, US
[71] EDWARDS LIFESCIENCES CARDIAQ LLC, US
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[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
[71] TESSONICS, INC., CA
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[54] **METHODS, SYSTEMS, AND DEVICES FOR CALIBRATION AND OPTIMIZATION OF GLUCOSE SENSORS AND SENSOR OUTPUT**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS D'ETALONNAGE ET D'OPTIMISATION DE CAP EURS DE GLUCOSE ET DE SORTIE DE CAPTEURS**
[72] AJEMBA, PETER, US
[72] JACKS, STEVEN C., US
[72] KANNARD, BRIAN T., US
[72] MILLER, MICHAEL E., US
[72] NOGUEIRA, KEITH, US
[72] TSAI, ANDY Y., US
[72] VARSAVSKY, ANDREA, US
[72] NISHIDA, JEFFERY, US
[71] MEDTRONIC MINIMED, INC., US
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[54] **METHODS AND SYSTEMS FOR IMPROVED ACOUSTIC ENVIRONMENT CHARACTERIZATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AMELIORER LA CARACTERISATION D'ENVIRONNEMENTS ACOUSTIQUES**
[72] KNICKREHM, GLENN, US
[72] BASSUET, ALBAN, US
[72] ELLERINGTON, GEORGE, GB
[72] WOODGER, ANDREW NEILL, GB
[71] CONSTELLATION PRODUCTIONS, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVED ACOUSTIC ENVIRONMENT CHARACTERIZATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AMELIORER LA CARACTERISATION D'ENVIRONNEMENTS ACOUSTIQUES**
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[72] BASSUET, ALBAN, US
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[54] **DRY POWDER DRUG DELIVERY SYSTEMS AND METHODS**
[54]
[72] SMUTNEY, CHAD C., US
[72] ADAMO, BENOIT, US
[72] LAURENZI, BRENDAN F., US
[72] KINSEY, P. SPENCER, US
[71] MANNKIND CORPORATION, US
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[54] **PIPELINE PIG SIGNAL TRIGGER CAVITY SEAL**
[54] **JOINT D'ETANCHEITE POUR CAVITE DE DECLENCHEMENT DE SIGNAL DE RACLEUR DE PIPELINE**
[72] KLEMM, NATHAN, US
[72] LOGAN, MATT, US
[72] VAUGHN, MICHAEL, US
[71] TDW DELAWARE, INC., US
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[25] EN
[54] **BIOSYNTHESIS OF HUMAN MILK OLIGOSACCHARIDES IN ENGINEERED BACTERIA**
[54] **BIOSYNTHESE D'OLIGOSACCHARIDES DE LAIT HUMAIN DANS DES BACTERIES MANIPULEES**
[72] MERIGHI, MASSIMO, US
[72] MCCOY, JOHN M., US
[72] HEIDTMAN, MATTHEW IAN, US
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[54] **COMPACT UNMANNED ROTARY AIRCRAFT**
[54] **AERONEF A VOILURE TOURNANTE NON HABITE COMPACT**
[72] OLM, ORVILLE, CA
[72] WOOD, GREG, CA
[72] DRAGAN, ZENON, CA
[71] AUTEL ROBOTICS USA LLC, US
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[54] **CENTRIFUGEUSE COMPACTE A GRANDE VITESSE DESTINEE A ETRE UTILISEE AVEC DE PETITS VOLUMES D'ECHANTILLON**
[72] HOLMES, ELIZABETH A., US
[72] YOUNG, DANIEL, US
[72] SMITH, TIMOTHY, US
[72] RIDEL, SCOTT, US
[72] SIEGEL, MICHAEL, US
[72] FRANKOVICH, JOHN KENT, US
[71] THERANOS IP COMPANY, LLC, US
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[54] **APPARATUS AND METHOD FOR ORIENTING A BEVERAGE CONTAINER END CLOSURE AND APPLYING INDICIA IN A PREDETERMINED LOCATION**
[54] **APPAREIL ET PROCEDE PERMETTANT D'ORIENTER UN COUVERCLE DE RECIPIENT DE BOISSON ET D'APPLIQUER DES INDICES A UN EMPLACEMENT PREDETERMINE**
[72] ELLEFSON, DEAN C., US
[72] ARCHER, EDWARD D., US
[72] CONINGSBY, GREGG, US
[71] BALL CORPORATION, US
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[54] **SAFETY VALVE FOR AN AUTOMATIC DAIRY ANIMAL MILKER UNIT BACKFLUSHER AND TEAT DIP APPLICATOR**
[54] **SOUPAPE DE SURETE DESTINEE AU DECOLMATAGE A CONTRE-COURANT D'UNE UNITE DE TRAITE D'ANIMAL LAITIER AUTOMATIQUE**
[72] TORGERSON, KEVIN L., US
[72] HEDLUND, NATHAN, US
[72] STUESSEL, MATTHEW J., US
[71] GEA FARM TECHNOLOGIES, INC., US
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[62] 3,016,466
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[51] **Int.Cl. E04F 21/08 (2006.01)**
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[54] **SYSTEM, METHOD AND APPARATUS FOR PROCESSING FIBER MATERIALS**
[54] **SYSTEME, METHODE ET APPAREIL DE TRAITEMENT DE MATERIAUX FIBREUX**
[72] PIOTROWSKI, TONY S., US
[72] COULTER, JACK D., US
[72] HARTZELL, BRUCE, US
[71] CERTAINTEED CORPORATION, US
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[54] **USE OF SEMAPHORIN-4D INHIBITORY MOLECULES IN COMBINATION WITH AN IMMUNE MODULATING THERAPY TO INHIBIT TUMOR GROWTH AND METASTASES**
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[72] SMITH, ERNEST S., US
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[72] PRASAD, SHISHIR, US
[72] COJOCARIU, GHEORGHE, US
[72] KALIYAMOORTHY, SATHYA, US
[72] SMITH, CHAD, US
[72] KULSHRESTHA, ANKUR, US
[72] GIDDES, RICHARD G., US
[72] BONCZYNSKI, GERALD, US
[72] ADDAE-MENSAH, KWEKU, US
[71] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. A61F 9/007 (2006.01) A61F 2/14 (2006.01) A61F 9/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR DELIVERING MULTIPLE OCULAR IMPLANTS**
[54] **SYSTEME ET PROCEDE DE POSE D'IMPLANTS OCULAIRES MULTIPLES**
[72] HAFFNER, DAVID STEVEN, US
[72] GILLE, HENRICK K., US
[72] KALINA, CHARLES RAYMOND, JR, US
[72] COGGER, JOHN JOSEPH, US
[71] GLAUKOS CORPORATION, US
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[51] **Int.Cl. G05B 19/418 (2006.01) A01B 76/00 (2006.01) A01D 34/00 (2006.01) A01D 34/835 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AND CONTROLLING ACTIVITIES OF AT LEAST ONE GARDENING TOOL WITHIN AT LEAST ONE ACTIVITY ZONE**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE D'ACTIVITES AU MOINS D'UN APPAREIL DE JARDINAGE DANS AU MOINS UNE ZONE D'ACTIVITE**
[72] KOHLER, MORITZ, CH
[72] BOLLIGER, PHILIPP, CH
[72] BACHMANN, LUKAS, CH
[71] HUSQVARNA AB, SE
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[51] **Int.Cl. A61B 50/36 (2016.01) A61B 50/10 (2016.01) A61B 50/24 (2016.01) A61B 90/00 (2016.01) B62B 3/00 (2006.01) B65F 3/00 (2006.01)**
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[54] **PORTABLE CART FOR CONTAINING MEDICAL WASTE THAT INCLUDES A BAG TENSIONER**
[54] **CHARIOT PORTATIF CONTENANT DES DECHETS MEDICAUX QUI COMPREND UN TENDEUR DE SAC**
[72] HENNIGES, BRUCE D., US
[72] HUYSER, RICHARD F., US
[72] TYLER, DOUGLAS L., SR., US
[72] CULP, JERRY S., US
[72] PHILIPP, CHRIS, US
[72] MALACKOWSKI, DONALD W., US
[72] WALEN, JAMES G., US
[72] STRATTON, DENNIS A., US
[72] WELCH, PAUL A., US
[72] CARUSILLO, STEVEN J., US
[72] GOLDENBERG, DAVID S., US
[71] STRYKER CORPORATION, US
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/958 (2013.01) A61M 25/10 (2013.01)**
[25] EN
[54] **INFLATABLE MEDICAL DEVICES**
[54]
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[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] KURNIAWAN, JONATHAN, US
[71] LOMA VISTA MEDICAL, INC., US
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[51] **Int.Cl. D21H 27/30 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **HIGH SOFTNESS, HIGH DURABILITY BATH TISSUE WITH TEMPORARY WET STRENGTH**
[54] **PAPIER HYGIENIQUE PRESENTANT UN NIVEAU ELEVE DE DURABILITE ET DE DOUCEUR ET UNE RESISTANCE TEMPORAIRE A L'HUMIDITE**
[72] MILLER, JOSEPH H., US
[72] SUMNICHT, DANIEL, US
[72] ORIARAN, T. PHILIPS, US
[72] SCHUH, BRIAN J., US
[72] RAMIREZ, ALBERTO J., US
[72] LEE, JEFFREY A., US
[71] GPCP IP HOLDINGS LLC, US
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[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] CONN, JEFFREY DENZEL, US
[72] KERNER, RICHARD D., US
[72] MILLS, ANDREW J., US
[72] RIPLEY, ANTHONY, US
[72] SAMPSON, MARTIN ELLIOTT, US
[72] SCHNEIDER, CURTIS, US
[72] THARALDSON, JOSEPH D., US
[71] POLARIS INDUSTRIES INC., US
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[51] **Int.Cl. H01G 11/86 (2013.01) B82Y 30/00 (2011.01) H01G 11/36 (2013.01) C01B 32/158 (2017.01)**
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[54] **ENERGY STORAGE MEDIA FOR ULTRACAPACITORS**
[54] **MILIEUX DE STOCKAGE D'ENERGIE POUR ULTRACONDENSATEURS**
[72] BRAMBILLA, NICOLO MICHELE, US
[72] RAMACHANDRA, KAVYA, US
[72] SIGNORELLI, RICCARDO, US
[71] FASTCAP SYSTEMS CORPORATION, US
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[13] A1
[25] EN
[54] **OPHTHALMIC LIPOSOME FORMULATIONS FOR TREATING POSTERIOR SEGMENT DISEASE**
[54] **FORMULATION OPHTALMIQUE DE LIPOSOMES POUR TRAITEMENT DES MALADIES DU SEGMENT POSTERIEUR**
[72] SANTOS, ARTURO, MX
[72] FROST, PHILLIP, US
[71] OPKO PHARMACEUTICALS, LLC, US
[22] 2013-08-15
[41] 2014-02-27
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[30] US (61/691,455) 2012-08-21
[30] US (61/791,693) 2013-03-15
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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 1/28 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **METHODS OF MEASURING ADAMTS13-MEDIATED IN VIVO CLEAVAGE OF VON WILLEBRAND FACTOR AND USES THEREOF**
[54] **PROCEDES DE MESURE DU CLIVAGE IN VIVO MEDIE PAR ADAMTS13 DU FACTEUR WILLEBRAND ET UTILISATIONS ASSOCIEES**
[72] VARADI, KATALIN, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] TURECEK, PETER, AT
[72] SCHWARZ, HANS-PETER, AT
[72] SCHREINER, JUTTA, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
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