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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux 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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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
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[54] - Title of Invention
[60] - Related by Supplementary Disclosure
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[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:

2,817,125

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 :

2,817,125

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 February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
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 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
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*)) **$260**

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

* International fees will be reduced by:

- **$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$390** 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*)) **260 $**

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

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** 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℠, ou par Xpresspost℠ de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

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

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

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

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

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

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

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

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

Time period extensions under the Madrid Protocol and the Hague Agreement

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

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

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

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

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 4, 2020 contains applications open to public inspection from July 19, 2020 to July 25, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 4 août 2020 contient les demandes disponibles au public pour consultation pour la période du 19 juillet 2020 au 25 juillet 2020.

16. Erratum

The information concerning the patent 3,071,227 granted on July 28, 2020, referred to under the section "Canadian Patents Issued" of the *Canadian Patent Office Record* of July 28, 2020 was incorrect. Please note that patent number 3,071,227 did not issue on July 28, 2020.

16. Erratum

Les renseignements concernant le brevet numéro 3,071,227 octroyé sous la rubrique « Brevets canadiens délivrés» de la *Gazette du Bureau des brevets* du 28 juillet 2020 sont inexacts. Veuillez noter que le brevet numéro 3071227 n'a pas été octroyé le 28 juillet 2020.

Canadian Patents Issued

August 4, 2020

Brevets canadiens délivrés

4 août 2020

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[54] **SENSIBILITE REDUITE ENVERS DES PATHOGENES, EN PARTICULIER DES OOMYCETES, DE TYPE MILDIOU DE LA LAITUE ET DE L'EPINARD**
[72] DE WIT, JACOBUS PETRUS CORNELIS, NL
[72] VAN DUN, CORNELIS MARIA PETRUS, NL
[72] SCHUT, JOHANNES WILHELMUS, NL
[72] EGELMEERS, PETRUS LAMBERTUS JOSEPHUS, NL
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[25] EN
[54] **MANIPULATION OF REGULATORY T CELL AND DC FUNCTION BY TARGETING NEURITIN GENE USING ANTIBODIES, AGONISTS AND ANTAGONISTS**
[54] **MANIPULATION DE CELLULES T REGULATRICES ET DE FONCTIONS DC EN CIBLANT DES GENES DE NEURITINE A L'AIDE D'AGONISTES ET D'ANTAGONISTES D'ANTICORPS**
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[72] DRAKE, CHARLES GEORGE, US
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[54] **FULLY HUMAN HIGH YIELD PRODUCTION SYSTEM FOR IMPROVED ANTIBODIES AND PROTEINS**
[54] **SYSTEME DE PRODUCTION A HAUT RENDEMENT, ENTIEREMENT HUMAIN, POUR ANTICORPS ET PROTEINES AMELIORES**
[72] GOLETZ, STEFFEN, DE
[72] DANIELCZYK, ANTJE, DE
[72] BAUMEISTER, HANS, DE
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[54] **AGENTS QUI ENGAGENT LES CELLULES PRESENTATRICES D'ANTIGENES DANS LE RECEPTEUR DES ASIALOGLYCOPROTEINES DES CELLULES DENDRITIQUES (CD-ASGPR)**
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[72] GONZALEZ, LINO, JR., US
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[72] KOVARIK, JOHN M., CH
[72] SCHMOUDER, ROBERT, US
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[54] **PROBIOTIC MICROORGANISMS ISOLATED FROM DONKEY MILK**
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[54] **DETERMINATION DES CONTOURS D'UN RECIPIENT A L'AIDE D'UN MODELE ACTIF DE DETERMINATION DE CONTOUR**
[72] TAERUM, TORIN, CA
[73] CALGARY SCIENTIFIC INC., CA
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[72] MCCARTHY, STEPHEN, US
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[72] SCALLON, BERNARD, US
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[73] JANSSEN BIOTECH, INC., US
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[73] MYCELL TECHNOLOGIES, LLC, US
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[54] **MILIEU DE CULTURE, CULTURES DE CELLULES ET PROCEDES DE CULTURE DE CELLULES SOUCHES PLURIPOTENTES DANS UN ETAT INDIFFERENCIE**
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[73] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL
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[54] **BARRE D'EXERCICE AMELIOREE ET METHODE CONNEXE**
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[51] **Int.Cl. H04Q 9/00 (2006.01) H04W 52/02 (2009.01)**
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[54] **DISPOSITIF DE GESTION DE STOCK**
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[72] ROSS, GRAHAM, US
[73] CAREFUSION 303, INC., US
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[72] KOEHLER, THOMAS T., US
[72] FELICITO, KATHRYN L., US
[72] CHHEDA, HARSH, US
[72] ABRILES, OSCAR R., US
[73] SMITHS MEDICAL ASD, INC., US
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[54] **SYSTEME DE MICELLE INVERSE COMPRENANT DES IONS METALLIQUES ET SON UTILISATION**
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[73] MEDESIS PHARMA, FR
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[54] **REVETEMENTS A L'ECHELLE NANOSCOPIQUE ET PROCEDES ASSOCIES APPROPRIES POUR UTILISATION IN VIVO**
[72] GOODALL, RANDY, US
[72] HOSALI, SHARATH, US
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[54] **SYSTEME DE SUSPENSION DE VEHICULE MULTI-ESSIEU**
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[72] THARP, RONNIE L., US
[73] DEXTER AXLE COMPANY, US
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[25] EN
[54] **METHOD AND APPARATUS FOR SINGLE-PARTICLE LOCALIZATION USING WAVELET ANALYSIS**
[54] **PROCEDE ET APPAREIL POUR LOCALISATION A PARTICULES UNIQUES A L'AIDE D'UNE ANALYSE PAR ONDELETTES**
[72] SIBARITA, JEAN-BAPTISTE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE DE BORDEAUX, FR
[86] (2802420)
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[54] **METHOD, SENSOR APPARATUS AND SYSTEM FOR DETERMINING LOSSES IN AN ELECTRICAL POWER GRID**
[54] **PROCEDE, APPAREIL DE DETECTION ET SYSTEME DESTINE A DETERMINER DES PERTES DANS UN RESEAU ELECTRIQUE**
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[72] STEINER-JOVIC, MISCHA, CA
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[54] **INSULIN-LIPID COMPLEX, PROCESS FOR PREPARATION THEREOF, AND FORMULATION THEREOF**
[54] **COMPLEXE INSULINE-LIPIDE, SON PROCEDE DE PREPARATION ET SA FORMULATION**
[72] LIU, YULING, CN
[72] ZHOU, CUIPING, CN
[72] SONG, ZHIHUI, CN
[72] LI, LIN, CN
[72] WANG, HONGLIANG, CN
[72] XIA, XUEJUN, CN
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[54] **FUEL DISPENSER APPLICATION FRAMEWORK**
[54] **CADRE D'APPLICATIONS D'UN DISTRIBUTEUR DE CARBURANT**
[72] KUEBERT, BRIAN D., US
[72] MCCORQUODALE, DANNY, US
[72] BARBER, SHAWN, US
[73] GILBARCO INC., US
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[54] **POSITIONNEMENT CHIRURGICAL ET SYSTEME DE SUPPORT**
[72] OYOLA, ARNOLD, US
[72] STAND, JOSEPH, US
[72] GILMARTIN, KEVIN, US
[72] DARISSE, IAN, US
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[54] **METHOD FOR SELF-CHECKOUT WITH A MOBILE DEVICE**
[54] **PROCEDE POUR LE LIBRE-SERVICE A L'AIDE D'UN DISPOSITIF MOBILE**
[72] VON BOSE, SAMUEL JOHN, US
[72] NELMS, DAVID MARTIN, US
[72] TODD, JASON RICHARD, US
[72] WEBB, TIMOTHY WAYNE, US
[72] CARMON, DAVID JORDAN, US
[72] MARBUT, PHILIP WAYNE, US
[72] WHITE, KELLY LEE, US
[72] KIEFFER, BRADLEY JOSEPH, US
[72] O'NEIL, KIER A., US
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[72] RYNER, DOUGLAS JAHE, US
[72] YORK GOCIO, MICHELLE, US
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[72] GILLIAM, CHAD CLINTON, US
[72] IRVIN, LESLIE SHAWN, US
[72] DAVIS GARNER, CATHERINE, US
[72] LEONHARDT, CORD CAMERON, US
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[54] **METHODS AND APPARATUS FOR RELOCATING AND RESTORING CONNECTIONS THROUGH A FAILED SERVING GATEWAY AND TRAFFIC OFFLOADING**
[54] **PROCEDES ET APPAREILS POUR LE DEPLACEMENT ET LA RESTAURATION DE CONNEXIONS VIA UNE PASSERELLE DE DESSERTE DEFAILLANTE ET DELESTAGE DE TRAFIC**
[72] SAHIN, YILDIRIM, US
[72] CAMPBELL, LOUDON LEE, US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **ADMINISTRATION OF SERINE PROTEASE INHIBITORS TO THE STOMACH**
[54] **ADMINISTRATION D'INHIBITEURS DE LA PROTEASE SERINE DANS L'ESTOMAC**
[72] SCHMID-SCHOENBEIN, GEERT, US
[72] LEE, ANDREW, TW
[72] WEI, JENG, TW
[73] INFLAMMAGEN, LLC, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHOD OF USING ALDEHYDE-FUNCTIONALIZED POLYMERS TO INCREASE PAPERMACHINE PERFORMANCE AND ENHANCE SIZING**
[54] **PROCEDE D'UTILISATION DE POLYMERES A FONCTIONNALITE ALDEHYDE POUR AUGMENTER LES PERFORMANCES D'UNE MACHINE A PAPIER ET AMELIORER LE COLLAGE**
[72] GRIMM, MARK, US
[72] ST. JOHN, MICHAEL R., US
[73] NALCO COMPANY, US
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[54] **ENSEMBLE D'ECHANTILLONS A SILLONS POUR LA DETECTION D'ANALYTES**
[72] WINARSKI, DANIEL JAMES, US
[72] TOPOL, ANNA WANDA, US
[72] WATERS, SANDRA LYNN, US
[72] SCHWARTZ, STEPHEN LEONARD, US
[72] BODAY, DYLAN, US
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[54] **FUSION PROTEINS COMPRISING AN ENGINEERED KNOTTIN PEPTIDE AND USES THEREOF**
[54] **PROTEINES DE FUSION COMPRENANT UN PEPTIDE KNOTTINE MODIFIE ET UTILISATIONS DE CELLES-CI**
[72] COCHRAN, JENNIFER R., US
[72] JONES, DOUGLAS S., US
[72] KARIOLIS, MIHALIS S., US
[72] TSAI, PING-CHUAN, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **USING EXTENDED ASYNCHRONOUS DATA MOVER INDIRECT DATA ADDRESS WORDS**
[54] **UTILISATION DE MOTS D'ADRESSES DE DONNEES INDIRECTES DE DEPLACEUR DE DONNEES ASYNCHRONES ETENDU**
[72] OAKES, KENNETH JAMES, US
[72] SUTTON, PETER GRIMM, US
[72] DRIEVER, PETER DANA, US
[72] YUDENFRIEND, HARRY, US
[72] GLASSEN, STEVEN GARDNER, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **ELECTRODES IRRIGUEES OFFRANT UNE CONDUCTION THERMIQUE AMELIOREE**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] PAPAIOANNOU, ATHANASSIOS, US
[72] GARCIA, ARIEL, US
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **TRAITEMENT D'UNE BIOMASSE LIGNOCELLULOSIQUE AVEC UN LIQUIDE IONIQUE**
[72] BRANDT, AGNIESZKA, GB
[72] MURPHY, RICHARD J., GB
[72] LEAK, DAVID J., GB
[72] WELTON, TOM, GB
[72] HALLETT, JASON, GB
[73] IP2IPO INNOVATIONS LIMITED, GB
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[54] **COUVERCLE D'INFUSION POUR TASSE UNIQUE COMPOSTABLE**
[72] REILLY, BILL, CA
[72] PILCZ, ROB, CA
[73] C.P. CONVERTERS CANADA, ULC, CA
[86] (2822616)
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[54] **PURIFIED CARDIOGENIN ISOMER AND RELATED METHODS**
[54] **ISOMERE DE CARDIOGENINE PURIFIE ET PROCEDES APPARENTES**
[72] KYAS, ANDREAS, CH
[72] FREUND, ERNST, CH
[72] SCHLORKE, OLIVER, CH
[72] PATERNITI, JAMES R., US
[72] ELLIOTT, GARY, US
[72] LILL, JORG, CH
[72] ROGALL, LARS, CH
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[73] HUYA BIOSCIENCE INTERNATIONAL LLC, US
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[54] **APPARATUS AND METHOD FOR SUPPORTING VARIABLE LENGTH OF TRANSPORT PACKET IN VIDEO AND AUDIO COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE PERMETTANT DE PRENDRE EN CHARGE UNE LONGUEUR VARIABLE D'UN PAQUET DE TRANSPORT DANS UN SYSTEME DE COMMUNICATION AUDIO ET VIDEO**
[72] HWANG, SUNG-HEE, KR
[72] LEE, HAK-JU, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, JIN-HEE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEM AND METHOD FOR UTILIZING MULTIPLE SENSORS**
[54] **SYSTEME ET PROCEDE POUR UTILISER DE MULTIPLES CAPTEURS**
[72] BUEHLER, ERIC DANIEL, US
[72] MCCAULEY, DAVID KEVIN, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2824083)
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[54] **STRUCTURE MURALE EN MOUSSE**
[72] GRISOLIA, ANTHONY, US
[72] LAMBACH, JAMES L., US
[73] COVESTRO LLC., US
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[25] EN
[54] **METHOD FOR CONTROLLING ELECTRONIC APPARATUS BASED ON VOICE RECOGNITION AND MOTION RECOGNITION, AND ELECTRONIC APPARATUS APPLYING THE SAME**
[54] **PROCEDE PERMETTANT DE COMMANDER UN APPAREIL ELECTRONIQUE SUR LA BASE DE LA RECONNAISSANCE VOCALE ET DE LA RECONNAISSANCE DE MOUVEMENT, ET APPAREIL ELECTRONIQUE METTANT EN OEUVRE CE PROCEDE**
[72] KIM, JUNG-GEUN, KR
[72] KIM, YOO-TAI, KR
[72] YU, SEUNG-DONG, KR
[72] HAN, SANG-JIN, KR
[72] RYU, HEE-SEOB, KR
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[54] **PLANAR PLATE CORE AND METHOD OF ASSEMBLY**
[54] **NOYAU A PLAQUES PLANAIRES ET PROCEDE D'ASSEMBLAGE**
[72] GRINBERGS, PETER KARL, CA
[72] KWAN, WILLIAM, CA
[72] REIGER, GERARD, CA
[73] AIRIA LEASING INC., CA
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[54] **ANTICORPS HUMAINS ET CONJUGUES ANTICORPS-MEDICAMENT CONTRE CD74**
[72] VERPLOEGEN, SANDRA, NL
[72] OVERDIJK, MARIJE, NL
[72] DIJKHUIZEN, RIEMKE VAN, NL
[72] BLEEKER, WILLEM KAREL, NL
[72] BERKEL, PATRICK VAN, NL
[72] PARREN, PAUL, NL
[72] LISBY, STEEN, DK
[73] GENMAB A/S, DK
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[54] **A METHOD FOR DETECTING CHROMOSOME STRUCTURE AND GENE EXPRESSION SIMULTANEOUSLY IN SINGLE CELLS**
[54] **PROCEDE DE DETECTION DE STRUCTURE CHROMOSOMIQUE ET D'EXPRESSION GENIQUE SIMULTANEMENT DANS CELLULES INDIVIDUELLES**
[72] RAJ, ARJUN, US
[72] LEVESQUE, MARSHALL J., US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2013-08-01
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[54] **METHOD OF DETECTING VARIATIONS IN COPY NUMBER OF A TARGET NUCLEIC ACID**
[54] **PROCEDES DE DETECTION DES VARIATIONS DU NOMBRE DE COPIES D'UN ACIDE NUCLEIQUE CIBLE**
[72] REGAN, JOHN FREDERICK, US
[72] SAXONOV, SERGE, US
[72] LUCERO, MIKE, US
[72] HINDSON, BEN, US
[72] BELGRADER, PHIL, US
[72] DUBE, SIMANT, US
[72] SO, AUSTIN, US
[72] MELLEN, JEFFREY CLARK, US
[72] HEREDIA, NICHOLAS JACK, US
[72] NESS, KEVIN, US
[72] COLSTON, BILL, US
[73] BIO-RAD LABORATORIES, INC., US
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[30] US (61/441,209) 2011-02-09
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[54] **DOSAGE D'ANTICORPS DE DIAGNOSTIC**
[72] KLEINSCHMIDT, MARTIN, DE
[72] SCHILLING, STEPHAN, DE
[72] RAHFELD, JENS-ULRICH, DE
[72] DEMUTH, HANS-ULRICH, DE
[72] EBERMANN, KRISTIN, DE
[73] PROBIODRUG AG, DE
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[54] **INFUSION SITE LEAK DETECTION DEVICE**
[54] **SYSTEME DE DETECTION DE FUITE SUR UN SITE DE PERFUSION**
[72] NIE, WEIYAN, US
[72] LIU, ZHIXIONG, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2829129)
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[72] VERDECCHIA, WILLIAM A., US
[72] MAJOCKA, CHRISTOPHER A., US
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[72] HOWIE, JESSUP, CA
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[54] **PYRIDAZINONE AND PYRIDONE COMPOUNDS**
[54] **COMPOSES DE PYRIDAZINONE ET DE PYRIDONE**
[72] PIHLAVISTO, MARJO, FI
[72] SMITH, DAVID, FI
[72] JUHAKOSKI, AUNI, FI
[72] FULOP, FERENC, HU
[72] LAZAR, LASZLO, HU
[72] SZATMARI, ISTVAN, HU
[72] MIKLOS, FERENC, HU
[72] SZAKONYI, ZSOLT, HU
[72] KISS, LORAND, HU
[72] PALKO, MARTA, HU
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[54] **PANNEAU ACOUSTIQUE**
[72] LECLERC, JEAN, CA
[73] LECLERC, JEAN, CA
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[54] **BACKREST, METHOD FOR ADJUSTING A BACKREST AND (WHEEL) CHAIR PROVIDED WITH A BACKREST**
[54] **DOSSIER, PROCEDE DE REGLAGE D'UN DOSSIER ET FAUTEUIL (ROULANT) POURVU D'UN DOSSIER**
[72] HUTTENHUIS, ALOUISIUS GERHARDUS, NL
[72] HUTTENHUIS, TIJN PIETER LODEWIJK, NL
[73] P.R. SELLA B.V., NL
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[54] **METHOD AND APPARATUS FOR CHARACTERIZING PROCESS CONTROL EQUIPMENT INTEGRITY**
[54] **PROCEDE ET APPAREIL DESTINES A CARACTERISER L'INTEGRITE D'UN EQUIPEMENT DE COMMANDE DE TRAITEMENT**
[72] ANDERSON, SHAWN WILLIAM, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **1,4-DISUBSTITUTED 1,2,3-TRIAZOLES, METHODS FOR PREPARING SAME, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF**
[54] **1,2,3-TRIAZOLES 1,4-DISUBSTITUEES, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**
[72] ROUTIER, SYLVAIN, FR
[72] SUZENET, FRANCK, FR
[72] PIN, FREDERIC, FR
[72] CHALON, SYLVIE, FR
[72] VERCOUILLIE, JOHNNY, FR
[72] GUILLOTEAU, DENIS, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[72] BODIE, ELIZABETH A., US
[72] PRATT, ROBERT JAMES, II, US
[73] DANISCO US INC., US
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[54] **INHERENTLY SAFE ODH OPERATION**
[54] **OPERATION DE DESHYDROGENATION OXYDANTE A SECURITE INTRINSEQUE**
[72] SIMANZHENKOV, VASILY, CA
[72] GAO, XIAOLIANG, CA
[72] FOY, EDWARD CHRISTOPHER, CA
[72] KUSTOV, LEONID MODESTOVICH, RU
[72] KUCHEROV, ALEKSEY VICTOROVICH, RU
[72] FINASHINA, ELENA DMITRIEVNA, RU
[73] NOVA CHEMICALS CORPORATION, CA
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[54] **ASYMMETRY BRAKE WITH TORQUE LIMIT**
[54] **FREIN ASYMETRIQUE AVEC LIMITE DE COUPLE**
[72] LANG, DAVID J., US
[72] MILLER, MARK D., US
[73] HAMILTON SUNDSTRAND CORPORATION, US
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[54] **FORMES DOSIFIEES PHARMACEUTIQUES INTRANASALES COMPRENANT DE LA NALOXONE**
[72] STRANG, JOHN, GB
[72] OKSCHE, ALEXANDER, DE
[72] HARRIS, STEPHEN, US
[72] SMITH, KEVIN, GB
[72] MOTTIER, LUCIE HELENE JEANNE, GB
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[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'EMPLACEMENTS DE REFERENCE D'UNE SCENE DE SUIVI DU REGARD**
[72] PUBLICOVER, NELSON G., US
[72] TORCH, WILLIAM C., US
[72] AMAYEH, GHOLAMREZA, US
[72] LEBLANC, DAVID, US
[73] GOOGLE LLC, US
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[54] **QUINONE COMPOUNDS FOR TREATING APE1 MEDIATED DISEASES**
[54] **COMPOSES QUINONES POUR TRAITEMENT DE MALADIES A MEDIATION PAR APE1**
[72] KELLEY, MARK R, US
[72] WIKEL, JAMES HOWARD, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[73] APEX THERAPEUTICS, INC., US
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[72] YURKOVETSKIY, ALEKSANDR, US
[72] YIN, MAO, US
[72] LOWINGER, TIMOTHY B., US
[72] THOMAS, JOSHUA D., US
[72] HAMMOND, CHARLES E., US
[72] STEVENSON, CHERI A., US
[72] BODYAK, NATALYA D., US
[72] CONLON, PATRICK R., US
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[73] MERSANA THERAPEUTICS, INC., US
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[54] **DISPOSITIFS DE LIGATURE TISSULAIRE ET LEURS DISPOSITIFS DE MISE SOUS TENSION**
[72] FUNG, GREGORY W., US
[72] HELMUTH, RYAN DOUGLAS, US
[72] ESCANO, ARNOLD M., US
[72] SEIBER, RUSSELL A., US
[72] CLARK, ROBERT L., III, US
[73] SENTREHEART, INC., US
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[54] **INDICATEUR DE PRESSION**
[72] LUCCHINA, PASCAL, FR
[72] CHECCARONI, STEPHANE, FR
[72] DHONNEUR, GILLES, FR
[73] AMBU A/S, DK
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[54] **AGENTS AND METHODS FOR TREATING ISCHEMIC AND OTHER DISEASES**
[54] **AGENTS ET METHODES DE TRAITEMENT DE MALADIES ISCHEMIQUES ET D'AUTRES MALADIES**
[72] GARMAN, DAVID, CA
[72] SUN, XIUJUN, CA
[72] TYMIANSKI, MICHAEL, CA
[73] NONO INC., CA
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[54] **RECYCLAGE DE CO2 DANS LA PRODUCTION DE PETROLE LOURD OU DE BITUME**
[72] FANG, WINDSONG, US
[72] WHEELER, THOMAS J., US
[73] CONOCOPHILLIPS COMPANY, US
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[54] **PROCEDE DE PASSAGE DE MESSAGE HYBRIDE A MEMOIRE PARTAGEE**
[72] OCCHIPINTI, BENJAMIN THOMAS, US
[72] KUCZYNSKI, KONRAD ROBERT, US
[72] BUEHLER, ERIC DANIEL, US
[73] GE AVIATION SYSTEMS LLC, US
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[54] **DISPOSITIF MEDICAL SIMULE**
[72] CRARY, WENDY M., US
[72] BATTAGLIA, ANTHONY J., JR., US
[73] POCKET NURSE ENTERPRISES, INC., US
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[72] MARTIN, PERRINE, FR
[72] SILVESTRE, NATHALIE, FR
[72] MARCHAND, JEAN-BAPTISTE, FR
[73] TRANSGENE SA, FR
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[54] **INSTALLATION DE MISE EN PEINTURE ET PROCEDE DE COMMANDE D'UNE TELLE INSTALLATION**
[72] HOLLER, SEBASTIAN, DE
[72] SCHEERER, JAN, DE
[72] HOLZHEIMER, JENS, DE
[72] WIELAND, DIETMAR, DE
[72] BAITINGER, MICHAEL, DE
[72] TOBISCH, WOLFGANG, DE
[73] DURR SYSTEMS AG, DE
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[54] **INSTRUMENT ET PROCEDE DE DETECTION DE PARTICULES OPTIQUES**
[72] GABRIEL, DON, US
[73] INVITROX, INC., US
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[54] **MATERIAU DE SEPARATION COMPRENANT DES LIGANDS SACCHARIDES**
[72] REMPFER, MARTIN, DE
[72] FREUDEMANN, WOLFGANG, DE
[72] STORR, MARKUS, DE
[72] WINZ, CORNELIA, DE
[72] FLIEG, RALF, DE
[72] KLOTZ, MANUELA, DE
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[73] GAMBRO LUNDIA AB, SE
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[54] **UNE METHODE D'AUGMENTATION DE LA RETENTION D'UN INHIBITEUR DE CALCAIRE DANS UN SYSTEME DE PRODUCTION D'HYDROCARBURE**
[72] PING, CHEN, GB
[72] MONTGOMERIE, HARRY, GB
[72] HEATH, STEPHEN, GB
[72] VIKANE, OLAV, GB
[72] JULIUSSEN, BJORN, GB
[72] HAGEN, THOMAS, GB
[73] CHAMPION TECHNOLOGIES LTD., GB
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[73] SOILKEE PTY LTD, AU
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[54] **SYSTEM AND METHOD FOR SEISMIC SURVEYING USING DISTRIBUTED SOURCES**
[54] **SYSTEME ET PROCEDE D'ETUDE SISMIQUE UTILISANT DES SOURCES DISTRIBUEES**
[72] TENGHAMN, STIG RUNE LENNART, US
[73] PGS GEOPHYSICAL AS, NO
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[54] **HYPERBRANCHED POLYMERS AND METHODS OF MAKING AND USING SAME**
[54] **POLYMERES HYPERRAMIFIES ET PROCEDES DE PREPARATION ET D'UTILISATION DE CEUX-CI**
[72] YU, YOULU, US
[72] TSO, CHUNG C., US
[72] ROHLFING, DAVID C., US
[72] DESLAURIERS, PAUL J., US
[72] HILDEBRAND, MELVIN, US
[72] MCDANIEL, MAX P., US
[72] YANG, QING, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **GESTION DE CONTENU POUR DES APPLICATIONS**
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[72] JOURDAIN, MATHIAS, US
[72] ISKIN, SERMET, US
[72] ROSS, DAVID ANDREW, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **DEVICE FOR CUTTING MATERIAL AND CUTTING UNIT WITH OSCILLATING CUTTING KNIFE AND VARIABLE CUTTING ANGLE OF INCLINATION**
[54] **DISPOSITIF POUR COUPER UN MATERIAU ET UNITE DE COUPE A COUTEAU OSCILLANT ET ANGLE D'INCLINAISON DE COUPE VARIABLE**
[72] BROEKER, GUENTER, DE
[73] BROEKER, GUENTER, DE
[86] (2847195)
[87] (2847195)
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[54] **SLIDE LOCK FOR A ROLLER BLIND FASCIA**
[54] **LOQUET COULISSANT POUR BORDURE DE TOILE A ROULEAU**
[72] WILLS, NORMAN, CA
[73] ZMC METAL COATING INC., CA
[86] (2847333)
[87] (2847333)
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[30] US (13/941,133) 2013-07-12

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[51] **Int.Cl. H02K 7/08 (2006.01) B63H 21/17 (2006.01) B63H 23/34 (2006.01) F16C 17/20 (2006.01) H02K 5/24 (2006.01)**
[25] EN
[54] **A METHOD OF AND A DEVICE FOR PROTECTING A MOTOR IN A POD AGAINST SHAFT BENDING SHOCKS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PROTEGER LE MOTEUR D'UNE NACELLE CONTRE LES CHOCS PLIANT L'ARBRE**
[72] ERIKSSON, ANDREAS, SE
[72] LOBELL, ANDERS, SE
[72] NAHNFELDT, PER, SE
[72] STYRUD, GUNNAR, SE
[73] KONGSBERG MARITIME SWEDEN AB, SE
[85] 2014-02-28
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[30] SE (1150824-9) 2011-09-13

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[25] EN
[54] **BRASSICA INDEHISCENT1 SEQUENCES**
[54] **SEQUENCES DE BRASSICA INDEHISCENT1**
[72] YANOFSKY, MARTIN F., US
[72] KEMPIN, SHERRY, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[87] (2847655)
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[51] **Int.Cl. C08L 75/04 (2006.01) C08J 3/18 (2006.01)**
[25] FR
[54] **POLYMERISABLE PLASTICISER, LIQUID POLYURETHANE RESIN COMPOSITION COMPRISING SAME AND USES THEREOF**
[54] **PLASTIFIANT POLYMERISABLE, COMPOSITION DE RESINE POLYURETHANE LIQUIDE COMPRENANT LEDIT PLASTIFIANT ET SES UTILISATIONS**
[72] DUROT, LOUIS, FR
[72] BINDSCHEDLER, PIERRE-ETIENNE, FR
[72] FRANCOIS BARSEGHIAN, VIRGINIE, FR
[72] PERRIN, REMI, FR
[73] SOPREMA, FR
[85] 2014-03-27
[86] 2012-10-18 (PCT/FR2012/052369)
[87] (WO2013/057429)
[30] FR (11 59493) 2011-10-20

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[13] C
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **INTEGRATED MICRONEEDLE ARRAY DELIVERY SYSTEM**
[54] **SYSTEME DE POSE D'UN ENSEMBLE DE MICRO-AIGUILLES INTEGREES**
[72] COLBURN, DAVID J., US
[72] JOHNSON, ERIK J., US
[72] BRANDWEIN, DAVID H., US
[72] GYSBERS, JEROME E., US
[72] YOUNG, PATRICK J., US
[72] CANTOR, ADAM S., US
[73] KINDEVA DRUG DELIVERY L.P., US
[85] 2014-04-09
[86] 2012-10-09 (PCT/US2012/059273)
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[30] US (61/546,340) 2011-10-12

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[25] EN
[54] **UNDERWATER COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SOUS-MARIN**
[72] SHIMIZU, ETSURO, JP
[72] OZAWA, MASAYOSHI, JP
[73] NATIONAL UNIVERSITY CORPORATION TOKYO UNIVERSITY OF MARINE SCIENCE AND TECHNOLOGY, JP
[85] 2014-04-15
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[25] FR
[54] **ANNULAR WALL OF A COMBUSTION CHAMBER WITH IMPROVED COOLING AT THE PRIMARY AND/OR DILUTION HOLES**
[54] **PAROI ANNULAIRE DE CHAMBRE DE COMBUSTION A REFROIDISSEMENT AMELIORE AU NIVEAU DES TROUS PRIMAIRES ET/OU DE DILUTION**
[72] RULLAUD, MATTHIEU FRANCOIS, FR
[72] CARRERE, BERNARD JOSEPH JEAN-PIERRE, FR
[72] VERDIER, HUBERT PASCAL, FR
[73] SNECMA, FR
[73] TURBOMECA, FR
[85] 2014-04-15
[86] 2012-10-25 (PCT/FR2012/052446)
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[51] **Int.Cl. A61K 31/554 (2006.01) A61K 31/38 (2006.01) A61K 31/4995 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **BILE ACID RECYCLING INHIBITORS FOR TREATMENT OF HYPERCHOLEMIA AND CHOLESTATIC LIVER DISEASE**
[54] **INHIBITEURS DU RECYCLAGE DE L'ACIDE BILIAIRE POUR TRAITEMENT DE L'HYPERCHOLEMIE ET DE LA MALADIE CHOLESTATIQUE HEPATIQUE**
[72] GEDULIN, BRONISLAVA, US
[72] GREY, MICHAEL, US
[72] O'DONNELL, NIALL, US
[73] LUMENA PHARMACEUTICALS LLC, US
[85] 2014-04-17
[86] 2012-10-26 (PCT/US2012/062303)
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[30] US (61/553,094) 2011-10-28
[30] US (61/607,487) 2012-03-06

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[13] C
[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING FIXATION OF A LINE TO A SUBJECT**
[54] **APPAREIL PERMETTANT DE FIXER UNE TUBULURE SUR UN SUJET**
[72] WARD, ROBERT DOUGLAS, GB
[73] FIXIT MEDICAL LTD, GB
[85] 2014-04-22
[86] 2012-10-19 (PCT/GB2012/052601)
[87] (WO2013/057508)
[30] GB (1118167.4) 2011-10-21

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[51] **Int.Cl. C07D 237/20 (2006.01) A61K 31/50 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **PYRIDAZINE DERIVATIVES WITH AUTOTAXIN ACTIVITY FOR USE IN THERAPY**
[54] **DERIVES DE PYRIDAZINE UTILES EN THERAPIE**
[72] GIBSON, KARL RICHARD, GB
[72] OWEN, DAFYDD RHYS, GB
[73] INHIBITAXIN LIMITED, GB
[85] 2014-04-23
[86] 2012-10-26 (PCT/IB2012/055918)
[87] (WO2013/061297)
[30] US (61/552,651) 2011-10-28

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[13] C
[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/24 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **SYSTEM FOR DEPLOYING A DEVICE TO A DISTAL LOCATION ACROSS A DISEASED VESSEL**
[54] **SYSTEME DE MISE EN PLACE D'UN DISPOSITIF A UN EMPLACEMENT DISTAL DANS UN VAISSEAU MALADE**
[72] GINN, RICHARD S., US
[73] TRANSAORTIC MEDICAL, INC., US
[85] 2014-05-09
[86] 2012-11-09 (PCT/US2012/064540)
[87] (WO2013/071179)
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[13] C
[51] **Int.Cl. C12N 9/00 (2006.01) C12N 15/52 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ISOLATING, IDENTIFYING AND CHARACTERIZING MONOCOT PLASTIDIC ACCASE HERBICIDE TOLERANT MUTATIONS USING A MODEL SYSTEM**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'ISOLER, D'IDENTIFIER ET DE CARACTERISER DES MUTATIONS DE TOLERANCE AUX HERBICIDES DE L'ACCASE PLASTIDIQUE DE MONOCOTYLEDONE AU MOYEN D'UN SYSTEME DE MODELE**
[72] NEUTEBOOM, LEON, US
[72] WITT, SHERRY R., US
[72] MCELVER, JOHN, US
[72] STEVENSON-PAULIK, JILL M., US
[72] MANKIN, SCOTTS L., US
[73] BASF SE, DE
[85] 2014-05-14
[86] 2012-11-13 (PCT/US2012/064831)
[87] (WO2013/074524)
[30] US (61/559,618) 2011-11-14

[11] **2,856,366**
[13] C
[51] **Int.Cl. A61M 1/34 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCEDURE FOR TRAPPING EMBOLIC DEBRIS**
[54] **APPAREIL ET INTERVENTION POUR PIEGER DES DEBRIS D'EMBOLE**
[72] DON MICHAEL, T. ANTHONY, US
[73] DON MICHAEL INTERNATIONAL, LLC, US
[85] 2014-05-20
[86] 2012-10-19 (PCT/US2012/061038)
[87] (WO2013/059603)
[30] US (61/548,972) 2011-10-19
[30] US (61/594,669) 2012-02-03
[30] US (61/648,311) 2012-05-17
[30] US (61/701,126) 2012-09-14

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[13] C
[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD OF SEPARATING CARBON DIOXIDE FROM LIQUID ACID GAS STREAMS**
[54] **PROCEDE DE SEPARATION DU DIOXYDE DE CARBONE DE COURANTS DE GAZ D'ACIDE LIQUIDE**
[72] OELFKE, RUSSELL H., US
[72] VESTAD, TOR, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-05-27
[86] 2012-11-16 (PCT/US2012/065652)
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[30] US (61/578,041) 2011-12-20

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[13] C
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 33/128 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN A FLUID CONDUIT**
[54] **APPAREIL POUR UTILISATION DANS UNE CONDUITE DE FLUIDE**
[72] MOYES, PETER B., GB
[73] XTREME WELL TECHNOLOGY LIMITED, GB
[85] 2014-05-30
[86] 2012-11-30 (PCT/GB2012/052970)
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[51] **Int.Cl. A61K 51/06 (2006.01) A61L 31/08 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **RADIOACTIVE COMPOSITIONS AND METHODS FOR THEIR THERAPEUTIC USE**
[54] **COMPOSITIONS RADIOACTIVES ET PROCEDES POUR LEUR UTILISATION THERAPEUTIQUE**
[72] WILSON, DAVID A., US
[72] FRANK, R. KEITH, US
[72] SIMON, JAIME, US
[72] CRUMP, DRUCE K., US
[73] ISOTHERAPEUTICS GROUP, LLC, US
[85] 2014-06-19
[86] 2012-12-21 (PCT/US2012/071256)
[87] (WO2013/096776)
[30] US (61/578,630) 2011-12-21
[30] US (61/606,734) 2012-03-05

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[13] C
[51] **Int.Cl. C23C 8/20 (2006.01) B05C 21/00 (2006.01) B41M 99/00 (2006.01) B41N 1/16 (2006.01) C23C 8/24 (2006.01)**
[25] EN
[54] **FLUID TRANSFER SURFACE**
[54] **SURFACE DE TRANSFERT DE FLUIDE**
[72] KING, PETER CHRISTOPHER, AU
[72] JAHEDI, MAHNAZ ZEHTAB, AU
[72] HOLLAND, JUSTIN PATRICK, AU
[72] SHI, YU HE, AU
[72] ENGEL, ALEXANDER CARL, AU
[73] KINETIC ELEMENTS PTY LTD, AU
[85] 2014-07-30
[86] 2013-02-08 (PCT/AU2013/000114)
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[30] AU (2012900479) 2012-02-09

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[51] **Int.Cl. B64F 5/10 (2017.01) B64F 5/50 (2017.01) B23P 19/10 (2006.01) B25B 11/00 (2006.01) B62D 21/00 (2006.01) B62D 65/02 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR JOINING PORTIONS OF A CHASSIS AND METHOD THEREOF.**
[54] **SYSTEME AUTOMATISE PERMETTANT D'ASSEMBLER DES PARTIES D'UN CHASSIS ET METHODE CONNEXE.**
[72] ATTUCCI, FRANCESCO, IT
[72] NAVARRA, GIUSEPPE, IT
[72] MAGRI, FRANCO, IT
[72] ACQUATI, RENATO, IT
[73] ALENIA AERMACCHI S.P.A., IT
[85] 2014-08-04
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[87] (WO2013/117971)
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[25] FR
[54] **ON-BOARD SYSTEM FOR GENERATING A POSITIONING SIGNAL FOR A RAIL VEHICLE**
[54] **SYSTEME EMBARQUE DE GENERATION D'UN SIGNAL DE LOCALISATION D'UN VEHICULE FERROVIAIRE**
[72] ORION, JACQUES, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[85] 2014-08-14
[86] 2013-03-05 (PCT/EP2013/054408)
[87] (WO2013/135533)
[30] FR (1252327) 2012-03-15

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[51] **Int.Cl. G01N 33/46 (2006.01) G01N 21/898 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR EVALUATING A WOODEN BOARD**
[54] **PROCEDE ET DISPOSITIF POUR EVALUER UNE PLANCHE EN BOIS**
[72] OLSSON, ANDERS, SE
[72] SERRANO, ERIK, SE
[72] OSCARSSON, JAN, SE
[72] ENQUIST, BERTIL, SE
[72] JOHANSSON, MARIE, SE
[72] KALLSNER, BO, SE
[73] INNOVATIV VISION AB, SE
[85] 2014-08-14
[86] 2013-03-07 (PCT/EP2013/054586)
[87] (WO2013/131999)
[30] SE (1250214-2) 2012-03-08

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[13] C
[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **IMPROVED SUTURE**
[54] **FIL DE SUTURE AMELIORE**
[72] DUMANIAN, GREGORY, US
[72] GURJALA, ANANDEV, US
[73] NORTHWESTERN UNIVERSITY, US
[85] 2014-08-21
[86] 2012-12-13 (PCT/US2012/069480)
[87] (WO2013/126130)
[30] US (61/602,183) 2012-02-23

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[25] EN
[54] **PYRAZOLO[1,5-A]PYRIMIDINE-BASED COMPOUNDS, COMPOSITIONS COMPRISING THEM, AND METHODS OF THEIR USE**
[54] **COMPOSES A BASE DE PYRAZOLO[1,5-A] PYRIMIDINE, COMPOSITIONS LES COMPRENANT ET UTILISATIONS DE CEUX-CI**
[72] BI, YINGZHI, US
[72] CARSON, KENNETH GORDON, US
[72] CIANCHETTA, GIOVANNI, US
[72] GREEN, MICHAEL ALAN, US
[72] KUMI, GODWIN, US
[72] MAIN, ALAN, US
[72] ZHANG, YULIAN, US
[72] ZIPP, GLENN GREGORY, US
[73] LEXICON PHARMACEUTICALS, INC., US
[85] 2014-09-02
[86] 2013-03-05 (PCT/US2013/029056)
[87] (WO2013/134228)
[30] US (61/608,765) 2012-03-09

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[13] C
[51] **Int.Cl. A61B 3/11 (2006.01) A61B 3/14 (2006.01)**
[25] FR
[54] **METHOD FOR DETERMINING A BEHAVIOURAL, POSTURAL OR GEOMETRIC-MORPHOLOGICAL CHARACTERISTIC OF A PERSON WEARING SPECTACLES**
[54] **PROCEDE DE DETERMINATION D'UNE CARACTERISTIQUE GEOMETRICO-MORPHOLOGIQUE, DE POSTURE OU COMPORTEMENTALE D'UN PORTEUR D'UNE PAIRE DE LUNETTES**
[72] HADDADI, AHMED, FR
[72] DELZERS, JEAN, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2014-09-04
[86] 2013-03-08 (PCT/FR2013/000061)
[87] (WO2013/132166)
[30] FR (1200705) 2012-03-08

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[13] C
[51] **Int.Cl. C08K 5/00 (2006.01)**
[25] EN
[54] **MODIFIED AMINO RESINS**
[54] **RESINES AMINO MODIFIEES**
[72] GUPTA, RAM B., US
[72] TREASURER, URVEE Y., US
[72] FLOOD, LAWRENCE A., US
[72] LAWLESS, BARRY A., US
[73] ALLNEX NETHERLANDS B.V., NL
[85] 2014-09-04
[86] 2013-03-22 (PCT/US2013/033493)
[87] (WO2013/142787)
[30] US (61/614,879) 2012-03-23

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[13] C
[51] **Int.Cl. C09D 17/00 (2006.01) C09C 1/36 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **BINDER THICKENED WITH XANTHAN GUM**
[54] **LIANT EPAISSI UTILISANT DE LA GOMME DE XANTHANE**
[72] AULD, KATHLEEN, US
[72] BROWN, WARD THOMAS, US
[73] ROHM AND HAAS COMPANY, US
[85] 2014-09-09
[86] 2013-03-20 (PCT/US2013/033042)
[87] (WO2013/142542)
[30] US (61/614,769) 2012-03-23

[11] **2,867,705**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 21/64 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RULES-BASED CONTROL OF CUSTODY OF ELECTRONIC SIGNATURE TRANSACTIONS**
[54] **SYSTEME ET PROCEDE DE COMMANDE BASEE SUR DES REGLES D'UNE GARDE DE TRANSACTIONS PAR SIGNATURE ELECTRONIQUE**
[72] PETERSON, DONALD G., US
[72] RYBACKI, DOUG, US
[72] WALD, DUANE E., US
[73] DOCUSIGN, INC., US
[85] 2014-09-17
[86] 2013-03-18 (PCT/US2013/032853)
[87] (WO2013/142438)
[30] US (61/614,371) 2012-03-22

[11] **2,868,051**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **MEASUREMENT OF BIOLOGICALLY LABILE HYDROGEN SULFIDE POOLS**
[54] **MESURE DE POOLS DE SULFURES D'HYDROGENE BIOLOGIQUEMENT LABILES**
[72] KEVIL, CHRISTOPHER G., US
[72] SHEN, XINGGUI, US
[72] PETER, ELVIS A., US
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2014-09-19
[86] 2013-03-14 (PCT/US2013/031354)
[87] (WO2013/148246)
[30] US (61/617,995) 2012-03-30

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[13] C
[51] **Int.Cl. D04B 21/12 (2006.01) A61F 2/00 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **POLYMERIC MESH PRODUCTS, METHOD OF MAKING AND USE THEREOF**
[54] **PRODUITS MAILLES POLYMERES, PROCEDE DE FABRICATION ET D'UTILISATION DE CES DERNIERS**
[72] PENISTON, SHAWN J., US
[72] HILAS, GEORGIOS T., US
[73] POLY-MED, INC., US
[85] 2014-09-26
[86] 2012-04-12 (PCT/US2012/033336)
[87] (WO2013/151563)
[30] US (61/621,315) 2012-04-06

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[13] C
[51] **Int.Cl. B66C 1/22 (2006.01) B66C 1/46 (2006.01) B66C 1/62 (2006.01) G21C 19/32 (2006.01) G21F 5/14 (2006.01)**
[25] EN
[54] **DECAYED WASTE RETRIEVAL METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE RECUPERATION DE DECHETS DEGRADES**
[72] GAUDET, MICHEL, CA
[72] BRIDEN, NEIL, CA
[72] CLOUGH, MALCOLM, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
[85] 2014-09-29
[86] 2013-03-28 (PCT/CA2013/000293)
[87] (WO2013/142970)
[30] CA (2,772,752) 2012-03-28

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[13] C
[51] **Int.Cl. H01J 49/00 (2006.01)**
[25] EN
[54] **MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE**
[72] PLATT, STEPHEN JOHN, GB
[72] RICHARDSON, KEITH GEORGE, GB
[72] WILLIAMS, DAVID DARRELL, GB
[72] DENNY, RICHARD, GB
[73] MICROMASS UK LIMITED, GB
[85] 2014-09-29
[86] 2013-03-28 (PCT/GB2013/050831)
[87] (WO2013/144642)
[30] GB (1205805.3) 2012-03-30

[11] **2,869,287**
[13] C
[51] **Int.Cl. C08B 1/08 (2006.01) C08B 11/12 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF CELLULOSE ETHERS WITH A HIGH SOLIDS PROCESS, PRODUCT OBTAINED AND USES OF THE PRODUCT**
[54] **PROCEDE DE PREPARATION D'ETHERS DE CELLULOSE A L'AIDE D'UN PROCEDE FAISANT APPEL A UNE TENEUR DE SOLIDES ELEVEE, PRODUIT AINSI OBTENU ET SES UTILISATIONS**
[72] SAXELL, HEIDI, FI
[72] HEISKANEN, ISTO, FI
[72] AXRUP, LARS, SE
[72] LAND HENSDAL, CECILIA, SE
[72] JOKELA, VEIKKO, FI
[73] STORA ENSO OYJ, FI
[85] 2014-10-01
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[87] (WO2013/150475)
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[54] **SUBSTITUTED 3, 4 - DIHYDRO - 2H - PYRIDO [1, 2 -A] PYRAZINE - 1, 6 - DIONE DERIVATIVES USEFUL FOR THE TREATMENT OF (INTER ALIA) ALZHEIMER'S DISEASE**
[54] **DERIVES DE 3,4-DIHYDRO-2H-PYRIDO[1,2-A]PYRAZINE-1,6-DIONE SUBSTITUES POUVANT ETRE UTILISES POUR LE TRAITEMENT DE (ENTRE AUTRES) LA MALADIE D'ALZHEIMER**
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE
[72] MACDONALD, GREGOR JAMES, BE
[72] BISCHOFF, FRANCOIS PAUL, BE
[72] ALONSO-DE DIEGO, SERGIO-ALVAR, ES
[72] VELTER, ADRIANA INGRID, BE
[72] VAN ROOSBROECK, YVES EMIEL MARIA, BE
[73] JANSSEN PHARMACEUTICALS, INC., US
[73] CELLZOME LIMITED, GB
[85] 2014-10-10
[86] 2013-05-16 (PCT/IB2013/054014)
[87] (WO2013/171712)
[30] EP (12168186.0) 2012-05-16
[30] EP (12195875.5) 2012-12-06
[30] EP (12197010.7) 2012-12-13
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[25] EN
[54] **SUCTION CONVEYOR FOR TRANSPORTING FLAT ITEMS**
[54] **TRANSPORTEUR A ASPIRATION SERVANT A TRANSPORTER DES ARTICLES PLATS**
[72] HERPELL, FRANK, DE
[73] WILL-PEMCO GMBH, DE
[85] 2014-10-17
[86] 2013-04-25 (PCT/EP2013/058626)
[87] (WO2013/160399)
[30] DE (10 2012 206 847.3) 2012-04-25

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[51] **Int.Cl. C09J 5/00 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **APPLICATION METHOD FOR COLD SEAL COHESIVE IN PRODUCT PACKAGING**
[54] **PROCEDE D'APPLICATION POUR AGENT DE COHESION DE JOINT D'ETANCHEITE A FROID DANS UN EMBALLAGE DE PRODUITS**
[72] MIKULA, SHANE, US
[72] BURLESS, SCOTT, US
[73] GEORGIA-PACIFIC CORRUGATED IV LLC, US
[85] 2014-10-20
[86] 2013-04-22 (PCT/US2013/037629)
[87] (WO2013/159105)
[30] US (61/636,210) 2012-04-20
[30] US (61/636,233) 2012-04-20
[30] US (61/636,226) 2012-04-20
[30] US (61/662,184) 2012-06-20
[30] US (13/692,728) 2012-12-03
[30] US (13/729,254) 2012-12-28

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[25] EN
[54] **DRIVING DEVICE AND WORK MACHINE DEVICE**
[54] **SYSTEME D'ENTRAINEMENT ET SYSTEME DE MACHINE DE TRAVAIL**
[72] DESCH, HENDRIK PETER, DE
[72] GEILKER, UWE, DE
[72] PLATTFAUT, BERNHARD, DE
[72] WINIARSKI, UDO, DE
[73] DESCH ANTRIEBSTECHNIK GMBH & CO. KG, DE
[85] 2014-10-22
[86] 2013-04-12 (PCT/EP2013/057710)
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[30] DE (10 2012 008 105.7) 2012-04-25

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[25] EN
[54] **FIBROUS WEB OF PAPER OR BOARD AND METHOD OF MAKING THE SAME**
[54] **BANDE CONTINUE FIBREUSE DE PAPIER OU DE CARTON ET SON PROCEDE DE FABRICATION**
[72] KINNUNEN, KARITA, FI
[72] HJELT, TUOMO, FI
[73] STORA ENSO OYJ, FI
[85] 2014-10-24
[86] 2013-04-24 (PCT/FI2013/050460)
[87] (WO2013/160553)
[30] FI (20125462) 2012-04-26

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[51] **Int.Cl. B65G 45/14 (2006.01) B65G 45/16 (2006.01)**
[25] EN
[54] **FLIP-ABLE V-PLOW BELT CLEANER**
[54] **NETTOYEUR DE COURROIE PAR RACLOIR TRAPEZOIDAL APTE A BASCULER**
[72] FRIES, JAMES EDWARD, US
[72] GIBBS, AARON T., US
[73] ASGCO MANUFACTURING, INC., US
[85] 2014-11-05
[86] 2013-05-07 (PCT/US2013/039836)
[87] (WO2013/169703)
[30] US (61/644,115) 2012-05-08

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[13] C
[51] **Int.Cl. G01K 15/00 (2006.01) G01R 31/52 (2020.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DETECT LEAKAGE CURRENT IN A RESISTANCE TEMPERATURE DETECTOR**
[54] **PROCEDES ET APPAREIL POUR DETECTER UN COURANT DE FUITE DANS UN DETECTEUR DE TEMPERATURE PAR RESISTANCE**
[72] MAYER, PAUL G., US
[72] MCGAUGHEY, JEFFREY B., US
[72] LIU, XUEDONG, US
[73] BRISTOL, INC., D/B/A REMOTE AUTOMATED SOLUTIONS, US
[85] 2014-11-06
[86] 2013-05-07 (PCT/US2013/039817)
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[30] US (61/643,516) 2012-05-07

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[25] EN
[54] **BICYCLICALLY SUBSTITUTED URACILS AND THE USE THEREOF**
[54] **URACILES A SUBSTITUTION BICYCLIQUE ET LEUR UTILISATION**
[72] FURSTNER, CHANTAL, DE
[72] ACKERSTAFF, JENS, DE
[72] STRAUB, ALEXANDER, DE
[72] MEIER, HEINRICH, DE
[72] TINEL, HANNA, DE
[72] ZIMMERMANN, KATJA, DE
[72] TERSTEEGEN, ADRIAN, DE
[72] ZUBOV, DMITRY, DE
[72] KAST, RAIMUND, DE
[72] SCHAMBERGER, JENS, DE
[72] SCHAFER, MARTINA, DE
[72] BORNGEN, KIRSTEN, DE
[73] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2014-11-06
[86] 2013-05-03 (PCT/EP2013/059286)
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[51] **Int.Cl. A61K 31/215 (2006.01) A61K 31/22 (2006.01) A61K 31/225 (2006.01) A61P 21/06 (2006.01)**
[25] EN
[54] **KETONE BODIES AND KETONE BODY ESTERS FOR MAINTAINING OR IMPROVING MUSCLE POWER OUTPUT**
[54] **CORPS CETONIQUES OU ESTERS DE CORPS CETONIQUES PERMETTANT DE MAINTENIR OU D'AMELIORER LA PRODUCTION DE PUISSANCE MUSCULAIRE**
[72] CLARKE, KIERAN, GB
[72] COX, PETER, GB
[73] TDELTAS LIMITED, GB
[85] 2014-11-10
[86] 2013-04-05 (PCT/EP2013/057250)
[87] (WO2013/150153)
[30] GB (1206192.5) 2012-04-05

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[13] C
[51] **Int.Cl. C08J 5/18 (2006.01)**
[25] FR
[54] **USE OF AN ALLOY OF THERMOPLASTIC STARCH AND TPE FOR THE PRODUCTION OF AN ULTRA-THIN, ADHESIVE WATERPFOOF/BREATHABLE FILM**
[54] **UTILISATION D'UN ALLIAGE D'AMIDON THERMOPLASTIQUE ET DE TPE POUR LA FABRICATION D'UN FILM ULTRA-FIN IMPER-RESPIRANT ADHESIF**
[72] BRULE, BENOIT, FR
[72] LE, GUILLAUME, FR
[72] BABIN, PERRINE, FR
[72] CARTIER, LAURENT B., US
[72] MALET, FREDERIC, FR
[73] ARKEMA FRANCE, FR
[85] 2014-11-12
[86] 2013-06-07 (PCT/FR2013/051321)
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[30] FR (1256143) 2012-06-27

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[51] **Int.Cl. H04B 7/06 (2006.01) H04W 52/34 (2009.01) H04W 52/42 (2009.01) H04L 12/861 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO ENHANCE SPATIAL DIVERSITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER UNE DIVERSITE SPATIALE DANS DES SYSTEMES SANS FIL A ENTREES DISTRIBUEES SORTIES DISTRIBUEES**
[72] FORENZA, ANTONIO, US
[72] PITMAN, TIMOTHY A., US
[72] JIRASUTAYASUNTORN, BENYAVUT, US
[72] ANDRZEJEWSKI, ROBERT J., US
[72] PERLMAN, STEPHEN G., US
[73] REARDEN, LLC, US
[85] 2014-11-14
[86] 2013-05-17 (PCT/US2013/041726)
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[51] **Int.Cl. G07B 15/00 (2011.01) G07C 5/00 (2006.01)**
[25] EN
[54] **RENTAL/CAR-SHARE VEHICLE ACCESS AND MANAGEMENT SYSTEM AND**
[54] **SYSTEME ET PROCEDE D'ACCES ET DE GESTION DE VEHICULE DE LOCATION/PARTAGE**
[72] JEFFERIES, JAMES E., US
[72] DEMAY, ROD W., US
[72] LACHINYAN, GURGEN L., US
[73] ENTERPRISE HOLDINGS, INC., US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042305)
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[30] US (61/650,483) 2012-05-23
[30] US (13/830,754) 2013-03-14

[11] **2,874,790**
[13] C
[51] **Int.Cl. G06T 7/40 (2017.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IMAGE PROCESSING, AND LASER SCANNING OPHTHALMOSCOPE HAVING AN IMAGE PROCESSING APPARATUS**
[54] **PROCEDES ET APPAREIL POUR LE TRAITEMENT D'IMAGES, ET OPHTALMOSCOPE A BALAYAGE LASER AYANT UN APPAREIL DE TRAITEMENT D'IMAGES**
[72] CLIFTON, DAVID, GB
[73] OPTOS PLC, GB
[85] 2014-11-25
[86] 2013-05-28 (PCT/GB2013/051412)
[87] (WO2013/179021)
[30] GB (1209390.2) 2012-05-28

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[13] C
[51] **Int.Cl. B24B 9/14 (2006.01) B24B 13/005 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING AN UNFINISHED OPTICAL LENS MEMBER FOR MANUFACTURE OF AN OPTICAL LENS**
[54] **PROCEDE DE TRAITEMENT D'UN ELEMENT NON FINI DE LENTILLE OPTIQUE POUR LA FABRICATION D'UNE LENTILLE OPTIQUE**
[72] BAUDART, THIERRY, FR
[72] MARTIN, VIRGINIE, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2014-11-27
[86] 2013-07-19 (PCT/EP2013/065346)
[87] (WO2014/013072)
[30] EP (12305890.1) 2012-07-20

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[13] C
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR MINOR LOOP FEEDBACK FALLBACK**
[54] **PROCEDES ET SYSTEME DE REPRISE DE RETROACTION DE BOUCLE MINEURE**
[72] JUNK, KENNETH WILLIAM, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2014-11-27
[86] 2013-06-20 (PCT/US2013/046803)
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[30] US (61/661,930) 2012-06-20

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[25] EN
[54] **ELECTRICALLY OPERATED AEROSOL GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL ACTIONNE ELECTRIQUEMENT**
[72] METRANGOLO, ALESSANDRO, CH
[72] GINDRAT, PIERRE-YVES, CH
[72] FAULKNER, JOHN, CH
[72] SCHALLER, JEAN-PIERRE, CH
[72] SCHNEIDER, JEAN-CLAUDE, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2013-05-30 (PCT/EP2013/061211)
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[30] EP (12170360.7) 2012-05-31

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[51] **Int.Cl. B29B 7/76 (2006.01) B29B 7/80 (2006.01)**
[25] EN
[54] **COMPONENT FEED NOZZLE**
[54] **BUSE D'ALIMENTATION DE COMPOSANT**
[72] MOSER, RALF, DE
[72] RENKL, JOSEF, DE
[73] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
[85] 2014-12-01
[86] 2013-06-28 (PCT/EP2013/063581)
[87] (WO2014/009172)
[30] DE (10 2012 106 230.7) 2012-07-11

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[13] C
[51] **Int.Cl. C11B 1/02 (2006.01) C11B 3/00 (2006.01) C11C 1/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF LOW SATURATE OILS**
[54] **PROCEDE DE FABRICATION D'HUILES FAIBLEMENT SATUREES**
[72] DAYTON, CHRISTOPHER L.G., US
[73] BUNGE GLOBAL INNOVATION LLC, US
[85] 2014-12-04
[86] 2013-06-13 (PCT/US2013/045561)
[87] (WO2013/188615)
[30] US (61/659,867) 2012-06-14

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[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/0786 (2010.01) C07K 14/475 (2006.01) C07K 14/54 (2006.01) C07K 14/56 (2006.01) C07K 16/28 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING MONOCYTES OR NK CELLS**
[54] **PROCEDE POUR OBTENIR DES MONOCYTES OU DES CELLULES TUEUSES NATURELLES**
[72] ABE, HIROYUKI, JP
[72] KAWASAKI, HIROAKI, JP
[73] ABE, HIROYUKI, JP
[73] KAWASAKI, HIROAKI, JP
[85] 2014-12-10
[86] 2013-07-10 (PCT/JP2013/068878)
[87] (WO2014/021070)
[30] JP (2012-172245) 2012-08-02

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[51] **Int.Cl. C12N 15/00 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/09 (2006.01) C12P 13/24 (2006.01)**
[25] EN
[54] **BIOLOGICAL METHOD FOR PRODUCING CIS-5-HYDROXY-L-PIPECOLIC ACID**
[54] **PROCEDE DE FABRICATION BIOLOGIQUE D'ACIDE CIS-5-HYDROXY-L-PIPECOLIQUE**
[72] FUJII, TADASHI, JP
[72] TAMURA, KEISUKE, JP
[73] MICROBIOPHARM JAPAN CO., LTD., JP
[85] 2014-12-12
[86] 2013-06-12 (PCT/JP2013/066218)
[87] (WO2013/187438)
[30] JP (2012-133876) 2012-06-13

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[13] C
[51] **Int.Cl. B29C 70/48 (2006.01) B23P 15/04 (2006.01) B29C 65/54 (2006.01) B29C 65/78 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **METHOD FOR FIXING A METAL STRUCTURAL REINFORCEMENT TO A PART OF A GAS TURBINE VANE CONSISTING OF A COMPOSITE MATERIAL, AND INJECTION MOULD FOR IMPLEMENTING SUCH A METHOD**
[54] **PROCEDE DE FIXATION D'UN RENFORT METALLIQUE STRUCTUREL SUR UNE PARTIE D'UNE AUBE DE TURBINE A GAZ EN MATERIAU COMPOSITE ET MOULE D'INJECTION POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**
[72] GODON, THIERRY, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] VARIN, FRANCK BERNARD LEON, FR
[73] SNECMA, FR
[85] 2014-12-18
[86] 2013-07-03 (PCT/FR2013/051576)
[87] (WO2014/009635)
[30] FR (1256597) 2012-07-09

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[13] C
[51] **Int.Cl. D04H 13/00 (2006.01)**
[25] EN
[54] **STRETCHABLE SHEETS COMPRISING A VARIETY OF LAYERS AND ZONES AND METHODS TO PRODUCE SUCH PRODUCTS**
[54] **FEUILLES EXTENSIBLES COMPRENANT DIVERSES COUCHES ET ZONES ET PROCEDES DE PRODUCTION DE TELS PRODUITS**
[72] MELAMED, REUVEN, IL
[72] GILOH, EHUD, GB
[73] TAMICARE LTD., GB
[85] 2014-12-19
[86] 2013-06-20 (PCT/IB2013/001807)
[87] (WO2013/190385)
[30] US (13/531,024) 2012-06-22

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[13] C
[51] **Int.Cl. B44C 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING PANELS HAVING A DECORATIVE SURFACE**
[54] **PROCEDE DE FABRICATION DE PANNEAUX AYANT UNE SURFACE DECORATIVE**
[72] CLEMENT, BENJAMIN, BE
[72] DE BOE, LUC, BE
[73] UNILIN, BVBA, BE
[85] 2014-12-22
[86] 2013-08-01 (PCT/IB2013/056310)
[87] (WO2014/024100)
[30] EP (12179400.2) 2012-08-06
[30] US (61/751,364) 2013-01-11

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[13] C
[51] **Int.Cl. G01R 31/08 (2020.01)**
[25] FR
[54] **DEVICE AND METHOD FOR MONITORING AN ELECTRICAL NETWORK**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UN RESEAU ELECTRIQUE**
[72] KLONOWSKI, THOMAS, FR
[72] YBANEZ, LUDOVIC, FR
[73] LABINAL POWER SYSTEMS, FR
[73] KLONOWSKI, THOMAS, FR
[85] 2014-12-19
[86] 2013-06-27 (PCT/EP2013/063547)
[87] (WO2014/001466)
[30] FR (1256146) 2012-06-28

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[13] C
[51] **Int.Cl. A61K 31/665 (2006.01) A61K 31/453 (2006.01) A61K 31/47 (2006.01) A61K 31/545 (2006.01) A61P 15/14 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND TREATMENT OF MASTITIS**
[54] **COMPOSITIONS PHARMACEUTIQUES ET TRAITEMENT DE LA MAMMITE**
[72] FROYMAN, ROBRECHT, BE
[72] WETZSTEIN, HEINZ-GEORG, DE
[72] FRAATZ, KRISTINE, DE
[72] WIEHL, WOLFGANG, DE
[73] BAYER ANIMALHEALTH GMBH, DE
[85] 2014-12-23
[86] 2013-06-25 (PCT/EP2013/063310)
[87] (WO2014/001353)
[30] US (61/666,312) 2012-06-29

[11] **2,878,425**
[13] C
[51] **Int.Cl. A61G 7/05 (2006.01)**
[25] EN
[54] **HOSPITAL BED SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR POUR LIT D'HOPITAL**
[72] HOLLYOAK, STEPHEN, GB
[72] JONES, ROBERT HUGH, GB
[73] HUNTLEIGH TECHNOLOGY LIMITED, GB
[85] 2015-01-06
[86] 2013-07-04 (PCT/GB2013/051772)
[87] (WO2014/013221)
[30] GB (1212765.0) 2012-07-18

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[13] C
[51] **Int.Cl. A61B 1/04 (2006.01) H01L 27/146 (2006.01)**
[25] FR
[54] **DEVICE COMPRISING A SET OF ELECTROMAGNETIC RADIATION SENSITIVE DETECTORS AND ARRANGEMENT OF A SET OF SUCH DEVICES**
[54] **DISPOSITIF COMPORTANT UN ENSEMBLE DE DETECTEURS SENSIBLES A UNE RADIATION ELECTROMAGNETIQUE ET ARRANGEMENT D'UN ENSEMBLE DE TELS DISPOSITIFS**
[72] WANY, MARTIN, CH
[73] AWAIBA CONSULTADORIA, DESENVOLVIMENTO E COMERCIO DE COMPONENTES MICROELECTRONICOS, UNIPESSOAL, LDA., PT
[85] 2015-01-08
[86] 2013-07-10 (PCT/CH2013/000123)
[87] (WO2014/008615)
[30] CH (1062/12) 2012-07-10

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[13] C
[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/4045 (2006.01) A61K 31/407 (2006.01) A61K 31/437 (2006.01) A61P 13/10 (2006.01) C07D 471/04 (2006.01) C07D 491/048 (2006.01)**
[25] EN
[54] **INDOLE CARBOXAMIDE DERIVATIVES AND USE THEREOF AS MT1 AND/OR MT2 RECEPTOR AGONISTS**
[54] **DERIVES D'INDOLE CARBOXAMIDE ET LEUR UTILISATION EN TANT QU'AGONISTES DES RECEPTEURS MT1 ET/OU MT2**
[72] KANAYAMA, TAKATOSHI, JP
[72] KUBOTA, HIDEKI, JP
[72] MATSUMOTO, SHUNICHIRO, JP
[72] SAITO, TOMOYUKI, JP
[72] SHIMIZU, TAKAFUMI, JP
[72] KATOH, NAOTO, JP
[72] MATSUI, SHIGEO, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2015-01-08
[86] 2013-07-09 (PCT/JP2013/068780)
[87] (WO2014/010602)
[30] JP (2012-154322) 2012-07-10

[11] **2,879,081**
[13] C
[51] **Int.Cl. B65D 50/04 (2006.01)**
[25] EN
[54] **IMPROVED CHILD-RESISTANT CAP FOR LIQUID MEDICAMENTS**
[54] **BOUCHON A L'EPREUVE DES ENFANTS AMELIORE POUR MEDICAMENTS LIQUIDES**
[72] BUEHLER, JOHN, US
[72] DALY, JOHN, US
[72] DIPLACIDO, KEVIN, US
[72] HAROLD, REDD, US
[72] KERSHNER, DAVID, US
[72] MANERA, DAVID, US
[72] STANGLE, TIMOTHY, US
[72] GRANATO, RUSS, US
[73] COMAR, LLC, US
[85] 2015-01-13
[86] 2013-07-12 (PCT/US2013/050220)
[87] (WO2014/011965)
[30] US (61/671,194) 2012-07-13

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[54] **GAS DIFFUSION ELECTRODE MEDIUM FOR FUEL CELL**
[54] **MATERIAU DE BASE D'ELECTRODE A DIFFUSION DE GAZ POUR PILE A COMBUSTIBLE**
[72] UTSUNOMIYA, MASAMICHI, JP
[72] HASHIMOTO, MASARU, JP
[72] KAMAE, TOSHIYA, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2015-01-15
[86] 2013-08-09 (PCT/JP2013/071623)
[87] (WO2014/030553)
[30] JP (2012-184930) 2012-08-24

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[51] **Int.Cl. E21B 17/08 (2006.01)**
[25] EN
[54] **A JOINT ELEMENT, A CASING STRING COMPRISING SUCH A JOINT ELEMENT AND A METHOD FOR COMPENSATING OF FORCES DUE TO THERMAL EFFECTS IN A CASING STRING**
[54] **ELEMENT DE RACCORD, TRAIN D'ENVELOPPE COMPRENANT UN TEL ELEMENT DE RACCORD ET PROCEDE POUR COMPENSER DES FORCES DUES A DES EFFETS THERMIQUES DANS UN TRAIN DE TIGES D'ENVELOPPE**
[72] LOVIKNES, BORRE, NO
[72] JOHANSSON, MATS, SE
[72] BARTON, LEN, AT
[73] VANGUARD OIL TOOLS & SERVICES LLC, OM
[85] 2015-01-21
[86] 2013-07-22 (PCT/IB2013/056008)
[87] (WO2014/016758)
[30] SE (1251340-4) 2012-11-27
[30] OM (OM/P/2012/00156) 2012-07-22

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[25] EN
[54] **POLYAMIDE AND POLYIMIDE STICKER ADJUVANTS**
[54] **ADJUVANTS D'ADHESIVITE A BASE DE POLYAMIDE ET DE POLYIMIDE**
[72] MEREDITH, MATTHEW T., US
[72] STERN, ALAN J., US
[72] SAYLIK, DILEK, AU
[73] INDORAMA VENTURES OXIDES LLC, US
[73] INDORAMA VENTURES OXIDES LLC, US
[85] 2015-01-21
[86] 2013-11-06 (PCT/US2013/065175)
[87] (WO2014/070451)
[30] US (61/721,152) 2012-11-01
[30] US (61/826,711) 2013-05-23

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[51] **Int.Cl. B23G 5/06 (2006.01) B23G 5/20 (2006.01) B23G 7/02 (2006.01) B23P 15/00 (2006.01) F16B 37/08 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR PRODUCING A THREAD IN A WORKPIECE**
[54] **PROCEDE ET OUTIL DE CREATION D'UN FILETAGE DANS UNE PIECE**
[72] KOPTON, PETER, DE
[72] HECHTLE, DIETMAR, DE
[72] GLIMPEL, HELMUT, DE
[73] EMUGE-WERK RICHARD GLIMPEL GMBH & CO. KG FABRIK FUR PRAZISIONSWERKZEUGE, DE
[73] AUDI AG, DE
[85] 2014-12-11
[86] 2013-06-10 (PCT/EP2013/061906)
[87] (WO2013/186165)
[30] DE (10 2012 105 183.6) 2012-06-14

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[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERY OF OILFIELD MATERIALS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE MATERIAUX DE CHAMP PETROLIFERE**
[72] PHAM, HAU NGUYEN-PHUC, US
[72] LUHARUKA, RAJESH, US
[72] STONE, WILLIAM BRADFORD, US
[72] MORRISON, NIKKI, US
[72] JODLOWSKI, JAKUB PAWEL, US
[72] HUEY, WILLIAM TROY, US
[72] ALMER, TRAVIS, US
[72] COQUILLEAU, LAURENT, SG
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-02-03
[86] 2013-08-09 (PCT/US2013/054294)
[87] (WO2014/028319)
[30] US (61/682,734) 2012-08-13
[30] US (61/746,154) 2012-12-27
[30] US (61/746,158) 2012-12-27
[30] US (13/839,088) 2013-03-15

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[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERY OF OILFIELD MATERIALS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE MATERIAUX DE CHAMP PETROLIFERE**
[72] PHAM, HAU NGUYEN-PHUC, US
[72] LUHARUKA, RAJESH, US
[72] STONE, WILLIAM BRADFORD, US
[72] MORRISON, NIKKI, US
[72] JODLOWSKI, JAKUB PAWEL, US
[72] HUEY, WILLIAM TROY, US
[72] ALMER, TRAVIS, US
[72] COQUILLEAU, LAURENT, SG
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-02-03
[86] 2013-08-09 (PCT/US2013/054287)
[87] (WO2014/028317)
[30] US (61/682,734) 2012-08-13
[30] US (61/746,154) 2012-12-27
[30] US (61/746,158) 2012-12-27
[30] US (13/838,872) 2013-03-15
[30] US (61/863,519) 2013-08-08

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[51] **Int.Cl. A23L 5/20 (2016.01) A23L 27/30 (2016.01)**
[25] EN
[54] **METHODS OF PRODUCING SWEET JUICE COMPOSITIONS**
[54] **PROCEDES DE PRODUCTION DE COMPOSITIONS DE JUS SUCRE**
[72] LYNDON, REX MURRAY, NZ
[73] GUILIN GFS MONK FRUIT CORP., CN
[85] 2015-02-05
[86] 2013-08-07 (PCT/US2013/054007)
[87] (WO2014/025923)
[30] US (61/680,572) 2012-08-07

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[13] C
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD OF IDENTIFYING TREATMENT RESPONSIVE NON-SMALL CELL LUNG CANCER USING ANAPLASTIC LYMPHOMA KINASE (ALK) AS A MARKER**
[54] **METHODE D'IDENTIFICATION D'UN CANCER DU POUMON AUTRE QU'A PETITES CELLULES (NSCLC) REAGISSANT A UN TRAITEMENT AU MOYEN DE LA KINASE DU LYMPHOME ANAPLASIQUE (ALK) COMME MARQUEUR**
[72] GROGAN, THOMAS, US
[72] NITTA, HIRO, US
[72] BARNES, MICHAEL, US
[72] TOWNE, PENNY, US
[72] SINGH, SHALINI, US
[72] CLEMENTS, JUNE F., US
[72] SCHEMP, CRYSTAL, US
[72] ROBERTS, ESTEBAN, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-02-10
[86] 2013-03-14 (PCT/US2013/031531)
[87] (WO2014/046730)
[30] US (61/704,960) 2012-09-24

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[51] **Int.Cl. F16K 31/122 (2006.01) F15B 15/14 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO ASSEMBLE ACTUATORS**
[54] **PROCEDES ET APPAREIL PERMETTANT D'ASSEMBLER DES ACTIONNEURS**
[72] ADAMS, DANIEL MARTIN, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-02-09
[86] 2013-08-19 (PCT/US2013/055512)
[87] (WO2014/031511)
[30] UY (13/593,199) 2012-08-23

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[51] **Int.Cl. F17D 1/04 (2006.01) F02G 1/00 (2006.01) F04B 41/00 (2006.01)**
[25] EN
[54] **PRESSURE-INCREASING UNIT FOR GUIDING PRESSURIZED GAS**
[54] **UNITE D'AUGMENTATION DE PRESSION POUR DIRIGER LE GAZ SOUS PRESSION**
[72] KORPELA, SAMULI, FI
[73] BF+ ENERGIA OY, FI
[85] 2015-02-10
[86] 2013-08-16 (PCT/FI2013/050810)
[87] (WO2014/029912)
[30] FI (U20124166) 2012-08-20

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[51] **Int.Cl. G01V 3/12 (2006.01)**
[25] EN
[54] **ISOLATION RING ON GAP SUB**
[54] **BAGUE D'ISOLATION SUR RACCORD D'ESPACEMENT**
[72] MILLER, MARK, US
[72] MACDONALD, CRAIG, US
[72] DOAN, MICHAEL, US
[73] PRIME DOWNHOLE MANUFACTURING LLC, US
[85] 2015-02-12
[86] 2013-07-31 (PCT/US2013/052928)
[87] (WO2014/028217)
[30] US (61/683,271) 2012-08-15
[30] US (61/781,617) 2013-03-14
[30] US (13/858,690) 2013-04-08

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[25] EN
[54] **A METHOD OF AND SYSTEM FOR PRODUCING OIL AND VALUABLE BYPRODUCTS FROM GRAINS IN DRY MILLING SYSTEMS WITH A BACK-END DEWATER MILLING UNIT**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'HUILE ET DE SOUS-PRODUITS VALORISABLES A PARTIR DE CEREALES FAISANT APPEL A DES SYSTEMES DE BROYAGE A SEC EQUIPES D'UNE UNITE DE BROYAGE AVEC DESHYDRATATION FINALE**
[72] LEE, CHIE YING, US
[73] LEE TECH LLC, US
[85] 2015-02-13
[86] 2013-08-20 (PCT/US2013/055881)
[87] (WO2014/031700)
[30] US (61/692,593) 2012-08-23
[30] US (61/822,053) 2013-05-10

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[51] **Int.Cl. A47C 7/00 (2006.01) A47C 1/024 (2006.01)**
[25] EN
[54] **CONTROL ASSEMBLY FOR CHAIR**
[54] **ENSEMBLE DE COMMANDE POUR CHAISE**
[72] BATTEY, ROBERT J., US
[72] ANDRES, TODD T., US
[72] KARSTEN, GARY L., US
[72] HEIDMANN, KURT R., US
[73] STEELCASE INC., US
[85] 2015-02-13
[86] 2013-09-19 (PCT/US2013/060657)
[87] (WO2014/047315)
[30] US (61/703,677) 2012-09-20
[30] US (61/703,667) 2012-09-20
[30] US (61/703,666) 2012-09-20
[30] US (61/703,515) 2012-09-20
[30] US (61/703,663) 2012-09-20
[30] US (61/703,659) 2012-09-20
[30] US (61/703,661) 2012-09-20
[30] US (61/754,803) 2013-01-21
[30] US (14/029,243) 2013-09-17

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[13] C
[51] **Int.Cl. E01B 9/30 (2006.01)**
[25] EN
[54] **ANCHORING DEVICES FOR RAIL FASTENING CLIPS**
[54] **DISPOSITIFS D'ANCRAGE POUR PATTES DE FIXATION DE RAIL**
[72] HARKNESS, STEVEN, AU
[72] KEAST, BRENTON, AU
[72] BARTHRAM, PIERRE, AU
[72] NEVIDAL, JOZEF, AU
[73] PANDROL AUSTRALIA PTY LTD, AU
[85] 2015-02-26
[86] 2013-08-30 (PCT/AU2013/000979)
[87] (WO2014/032114)
[30] AU (2012903815) 2012-08-31

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[13] C
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING OFF ACID GASES FROM A WATER-COMPRISING FLUID STREAM**
[54] **PROCEDE POUR SEPARER DES GAZ ACIDES D'UN COURANT DE FLUIDE CONTENANT DE L'EAU**
[72] KATZ, TORSTEN, DE
[72] BARTLING, KARSTEN, DE
[73] BASF SE, DE
[85] 2015-02-26
[86] 2013-08-19 (PCT/EP2013/067217)
[87] (WO2014/037214)
[30] US (61/696,827) 2012-09-05
[30] EP (12183132.5) 2012-09-05

[11] **2,883,970**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER INFEED SYSTEM**
[54] **DISPOSITIF D'ALIMENTATION EN ENERGIE ELECTRIQUE**
[72] BYRNE, NORMAN R., US
[72] BURDI, ROGER D., US
[72] WARWICK, TIMOTHY J., US
[73] BYRNE, NORMAN R., US
[86] (2883970)
[87] (2883970)
[22] 2015-03-03
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[51] **Int.Cl. F16L 55/033 (2006.01) F01N 1/02 (2006.01) F02M 35/12 (2006.01) G10K 11/172 (2006.01)**
[25] EN
[54] **SIMPLIFIED MODAL ATTENUATOR**
[54] **ATTENUATEUR MODAL SIMPLIFIE**
[72] FAGERLUND, ALLEN CARL, US
[72] GOSSETT, JAMES LEROY, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-03-20
[86] 2013-09-27 (PCT/US2013/062090)
[87] (WO2014/052701)
[30] US (61/707,591) 2012-09-28

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[51] **Int.Cl. E04B 2/00 (2006.01)**
[25] EN
[54] **VERTICALLY FOLDING WALL PARTITION**
[54] **PAROI SEPARATRICE A PLIAGE VERTICAL**
[72] MCDONALD, MARK, CA
[73] SKYFOLD INC., CA
[85] 2015-03-25
[86] 2013-09-11 (PCT/CA2013/050700)
[87] (WO2014/053059)
[30] US (13/632,538) 2012-10-01

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[51] **Int.Cl. F02C 7/232 (2006.01) F16K 17/196 (2006.01)**
[25] FR
[54] **SUPPLY AND DRAIN DEVICE FOR AN INJECTOR**
[54] **DISPOSITIF D'ALIMENTATION ET DE PURGE POUR INJECTEUR**
[72] CARRERE, BERNARD, FR
[73] TURBOMECA, FR
[85] 2015-03-25
[86] 2013-09-16 (PCT/FR2013/052116)
[87] (WO2014/053721)
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[13] C
[51] **Int.Cl. F16D 65/097 (2006.01)**
[25] EN
[54] **DISC BRAKE PAD MOUNTING AND RETENTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MONTAGE ET DE RETENUE DE PLAQUETTE DE FREIN A DISQUE**
[72] PLANTAN, RONALD S., US
[72] COOL, LONNIE F., US
[72] RADHAKRISHNAN, HARISH, US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2015-04-29
[86] 2013-11-05 (PCT/US2013/068570)
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[51] **Int.Cl. H02M 3/155 (2006.01) H01L 23/64 (2006.01) H01L 29/772 (2006.01) H03K 17/695 (2006.01)**
[25] EN
[54] **MONOLITHIC DC/DC POWER MANAGEMENT MODULE WITH SURFACE FET**
[54] **MODULE DE GESTION DE PUISSANCE CONTINU-CONTINU MONOLITHIQUE DOTE D'UN TRANSISTOR A EFFET DE CHAMP DE SURFACE**
[72] DE ROCHEMONT, L. PIERRE, US
[73] DE ROCHEMONT, L. PIERRE, US
[85] 2015-05-14
[86] 2011-11-18 (PCT/US2011/061304)
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[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/038 (2006.01) E21B 33/04 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR RELEASING DRILLING RIG AND BLOWOUT PREVENTER (BOP) PRIOR TO CEMENT BONDING**
[54] **APPAREIL ET PROCEDES POUR LIBERER UNE PLATEFORME DE FORAGE ET UN DISPOSITIF DE PREVENTION D'ERUPTION (BOP) AVANT UNE LIAISON AU CIMENT**
[72] HE, HENRY, US
[72] MOVAFFAGH, BEHROOZ, US
[72] WANG, HUAHUI, US
[73] VETCO GRAY, LLC, US
[85] 2015-05-15
[86] 2013-11-12 (PCT/US2013/069666)
[87] (WO2014/078302)
[30] US (13/679,709) 2012-11-16

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[51] **Int.Cl. F01D 17/14 (2006.01) F01D 25/12 (2006.01) F01D 11/24 (2006.01) F01D 17/24 (2006.01) F01D 17/26 (2006.01)**
[25] EN
[54] **INTEGRATED ACTUATOR, GAS TURBINE ENGINE AND CORRESPONDING OPERATING METHOD**
[54] **ACTIONNEUR INTEGRE, MOTEUR A TURBINE A GAZ ET PROCEDE DE FONCTIONNEMENT CORRESPONDANT**
[72] WALKER SANTIAGO, GABRIEL, US
[72] ISMAIL, MUSTAPHA, US
[72] LAUBENTHAL, JEFFREY SCOTT, US
[72] GLESSNER, JOHN CARL, US
[72] BRADLEY, JAMES DARRELL, US
[72] MORRIS, DAVID WILLIAM, II, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-12
[86] 2013-08-27 (PCT/US2013/056707)
[87] (WO2014/046849)
[30] US (13/623,705) 2012-09-20

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[13] C
[51] **Int.Cl. C10M 141/06 (2006.01) C10M 129/52 (2006.01) C10M 133/12 (2006.01) C10M 133/44 (2006.01)**
[25] EN
[54] **ULTRA-LOW SAPS LUBRICANTS FOR INTERNAL COMBUSTION ENGINES**
[54] **LUBRIFIANTS A ULTRA FAIBLE TENEUR EN CENDRES SULFATEES, PHOSPHORE ET SOUFRE POUR DES MOTEURS A COMBUSTION INTERNE**
[72] UMEHARA, KATSUMI, US
[72] VAN DAM, WILLEM, US
[73] CHEVRON ORONITE COMPANY LLC, US
[73] CHEVRON JAPAN LTD., JP
[85] 2015-06-04
[86] 2013-11-22 (PCT/US2013/071503)
[87] (WO2014/105311)
[30] US (13/729,465) 2012-12-28

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[13] C
[51] **Int.Cl. F02C 3/30 (2006.01) B64C 27/00 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR TEMPORARILY INCREASING POWER**
[54] **DISPOSITIF ET PROCEDE D'AUGMENTATION TEMPORAIRE DE PUISSANCE**
[72] MOINE, BERTRAND, FR
[72] HUMBERT, SOPHIE, FR
[72] LABORDE, PATRICE, FR
[72] MINEL, LAURENT, FR
[72] PRINCIVALLE, REMY, FR
[73] TURBOMECA, FR
[85] 2015-06-08
[86] 2013-12-18 (PCT/FR2013/053152)
[87] (WO2014/096694)
[30] FR (1262433) 2012-12-20

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[13] C
[51] **Int.Cl. C09D 183/02 (2006.01) C08K 3/08 (2006.01) C09D 5/10 (2006.01) C09D 183/04 (2006.01) C21D 7/13 (2006.01)**
[25] EN
[54] **MULTI-STAGE METHOD FOR THE COATING OF STEEL PRIOR TO HOT FORMING**
[54] **PROCEDE MULTI-ETAGE POUR REVETIR L'ACIER AVANT UN FORMAGE A CHAUD**
[72] ROTH, MARCEL, DE
[72] WARK, REINER, DE
[72] MOLLER, THOMAS, DE
[72] WILKE, EVA, DE
[72] SUNDERMEIER, UTA, DE
[72] GOSKE-KRAJNC, MANUELA, DE
[73] HENKEL AG & CO. KGAA, DE
[85] 2015-06-10
[86] 2013-12-13 (PCT/EP2013/076566)
[87] (WO2014/095643)
[30] EP (12197454.7) 2012-12-17

[11] **2,895,653**
[13] C
[51] **Int.Cl. G06F 17/16 (2006.01)**
[25] EN
[54] **VECTOR EXCEPTION CODE**
[54] **CODE D'EXCEPTION VECTORIELLE**
[72] BRADBURY, JONATHAN DAVID, US
[72] SCHWARZ, ERIC MARK, US
[72] SLEGEL, TIMOTHY, US
[72] GSCHWIND, MICHAEL KARL, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2015-06-18
[86] 2013-12-06 (PCT/IB2013/060697)
[87] (WO2014/115002)
[30] US (13/748,504) 2013-01-23

[11] **2,897,368**
[13] C
[51] **Int.Cl. A61M 5/34 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **FASTENING ELEMENT AND SYRINGE**
[54] **ELEMENT DE FIXATION ET SERINGUE**
[72] ZENKER, JOCHEN, DE
[72] HUND, PETRA, DE
[73] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE
[85] 2015-07-07
[86] 2013-12-10 (PCT/EP2013/076017)
[87] (WO2014/108262)
[30] DE (10 2013 200 339.0) 2013-01-11

[11] **2,897,617**
[13] C
[51] **Int.Cl. A01C 23/04 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **SPRAY SYSTEM WITH SPEED-BASED PRESSURE CONTROLLER AND METHOD OF CONTROLLING SAME**
[54] **MECANISME DE PULVERISATION DOTE D'UN CONTROLEUR DE PRESSION FONDE SUR LA VITESSE ET METHODE DE CONTROLE ASSOCIEE**
[72] NEEDHAM, DUANE, US
[72] KOLB, TROY C., US
[72] HOOPER, GORDON, US
[73] CAPSTAN AG SYSTEMS, INC., US
[86] (2897617)
[87] (2897617)
[22] 2015-07-15
[30] US (62/025,137) 2014-07-16
[30] US (14/798,635) 2015-07-14

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[13] C
[51] **Int.Cl. E04D 3/36 (2006.01) E04B 1/76 (2006.01) E04F 13/08 (2006.01) F16B 13/00 (2006.01)**
[25] EN
[54] **NOZZLE AND FASTENING ELEMENT FOR FASTENING A MATERIAL LAYER**
[54] **DOUILLE ET ELEMENT DE FIXATION POUR FIXER UNE COUCHE DE MATERIAU**
[72] BORSBOOM, LUCAS, NL
[73] SFS INTEC HOLDING AG, CH
[85] 2015-07-13
[86] 2014-03-10 (PCT/EP2014/054573)
[87] (WO2014/139946)
[30] DE (10 2013 004 392.1) 2013-03-13

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[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE ALVEOLAIRE DE FORME COURBEE EN MATERIAU COMPOSITE**
[54] **METHOD FOR PRODUCING A CURVED HONEYCOMB STRUCTURE MADE FROM COMPOSITE MATERIAL**
[72] FOUQUET, STEPHANIE, FR
[72] JIMENEZ, SEBASTIEN, FR
[72] PHILIPPE, ERIC, FR
[72] CHARLEUX, FRANCOIS, FR
[73] HERAKLES, FR
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[54] **LIFTING DEVICES**
[54] **DISPOSITIFS DE LEVAGE**
[72] WEST, JAMES DAVID FRANCIS, AU
[72] KENNARD, RORY CAMPBELL, AU
[73] MAKINEX IP PTY LTD, AU
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[25] EN
[54] **METHOD AND SYSTEM FOR DIRECTING CONTROL LINES ALONG A TRAVEL JOINT**
[54] **PROCEDE ET SYSTEME D'ORIENTATION DE LIGNES DE COMMANDE LE LONG D'UN JOINT DE DEPLACEMENT**
[72] RICHARDS, WILLIAM M., US
[72] THOMAS, PHILLIP T., US
[72] EIMAN, TYSON, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **NOISE FILLING WITHOUT SIDE INFORMATION FOR CELP-LIKE CODERS**
[54] **REMPLISSAGE DE BRUIT SANS INFORMATIONS COLLATERALES POUR CODEURS DE TYPE CELP**
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
[72] JANDER, MANUEL, DE
[72] SCHUBERT, BENJAMIN, DE
[72] YOKOTANI, YOSHIKAZU, DE
[73] FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **ELECTRIC BRAKING SYSTEM AND METHOD RELYING ON VOLTAGE HYSTERESIS FOR APPLIED BRAKE POWER CONTROL**
[54] **SYSTEME DE FREINAGE ELECTRIQUE ET PROCEDE REPOSANT SUR L'HYSTERESIS DE TENSION POUR UNE COMMANDE DE PUISSANCE DE FREINAGE APPLIQUEE**
[72] DI ZAZZO, MARCO, CA
[72] PLANTE, BERTRAND, CA
[73] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
[85] 2015-08-26
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[54] **POLYMETHINE COMPOUNDS AND THEIR USE AS FLUORESCENT LABELS**
[54] **COMPOSES DE POLYMETHINE ET LEUR UTILISATION COMME MARQUEURS FLUORESCENTS**
[72] ROMANOV, NIKOLAI NIKOLAEVICH, GB
[72] LIU, XIAOHAI, GB
[73] ILLUMINA CAMBRIDGE LTD, GB
[85] 2015-08-28
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[25] EN
[54] **REINFORCED BAGS**
[54] **SACS RENFORCES**
[72] WILFONG, HARRY B., JR., US
[73] HILEX POLY CO. LLC, US
[85] 2015-09-04
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[54] **METHOD AND APPARATUS FOR EMBEDDING SECRET INFORMATION IN DIGITAL CERTIFICATES**
[54] **PROCEDE ET APPAREIL POUR INCORPORER DES INFORMATIONS SECRETES DANS DES CERTIFICATS NUMERIQUES**
[72] CHAN, TAT KEUNG, US
[72] MEDVINSKY, ALEXANDER, US
[72] SPRUNK, ERIC J., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-09-08
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[54] **HEATING APPARATUS WITH SAFETY DEVICE**
[54] **APPAREIL DE CHAUFFAGE AVEC DISPOSITIF DE SECURITE**
[72] LEBLANC, ALEXANDRE, FR
[73] SOCIETE MULLER & CIE, FR
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[54] **POSITIVE DISPLACEMENT GEAR PUMP**
[54] **POMPE A ENGRENAGE A DEPLACEMENT POSITIF**
[72] TOMMASINI, FRANCO, ER
[73] G.P.S. GREEN POWER SOLUTION SA, CH
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[54] **BLOOD SAMPLING TRANSFER DEVICE**
[54] **DISPOSITIF DE TRANSFERT D'ECHANTILLON DE SANG**
[72] GELFAND, CRAIG A., US
[72] FLETCHER, GARY D., US
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **GAS INLET FOR SOEC UNIT**
[54] **ADMISSION DE GAZ POUR CELLULE D'ELECTROLYSE A OXYDE SOLIDE**
[72] HEIREDAL-CLAUSEN, THOMAS, DK
[72] BUCHHOLTZ FREDERIKSEN, CASPER, DK
[73] HALDOR TOPSOE A/S, DK
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[54] **DERIVES DE SULPHAMOYLTHIOPHENAMIDE S ET LEUR UTILISATION EN TANT QUE MEDICAMENTS POUR LE TRAITEMENT DE L'HEPATITE B**
[72] VANDYCK, KOEN, BE
[72] HACHE, GEERWIN YVONNE PAUL, BE
[72] LAST, STEFAAN JULIEN, BE
[72] VERSCHUEREN, WIM GASTON, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[73] JANSSEN SCIENCES IRELAND UC, IE
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[25] EN
[54] **PACKAGING OF DRIED LEAVES IN HERMETICALLY SEALED CASINGS**
[54] **CONDITIONNEMENT DE FEUILLES SECHEES EN CAPSULES HERMETIQUES**
[72] FAVRE, ERIC, CH
[73] TPRESSO AG, CH
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[54] **RESPIRATORY PROTECTION EQUIPMENT**
[54] **EQUIPEMENT DE PROTECTION RESPIRATOIRE**
[72] MAKHLOUCHE, RACHID, FR
[72] CAZENAVE, JEAN-MICHEL, FR
[72] DUMONT, FREDDY, FR
[72] ROLLAND, CHRISTIAN, FR
[72] PERRARD, VINCENT, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] EN
[54] **NEW PROCESS TO MAKE NON NUCLEOSIDAL REVERSE TRANSCRIPTASE INHIBITORS (NNRTI) FOR THE TREATMENT OF HIV**
[54] **NOUVEAU PROCEDE POUR PREPARER DES INHIBITEURS DE TRANSCRIPTASE INVERSE NON NUCLEOSIDIQUE (ITINN) POUR LE TRAITEMENT DU VIH**
[72] ROSOCHA, GREGORY, CA
[72] BATEY, ROBERT ALEXANDER, CA
[73] ROSOCHA, GREGORY, CA
[85] 2015-11-12
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[54] **VACUUM STABLE MECHANISM DRIVE ARM**
[54] **BRAS D'ENTRAINEMENT DE MECANISME STABLE SOUS VIDE**
[72] GRIFFIN, ERIC J., US
[72] BREST, MICHAEL L., US
[72] SUNADA, WALLACE H., US
[73] RAYTHEON COMPANY, US
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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ROBUST NETWORK PLANNING OPTIMIZATION OF AIRLINE FLIGHT OPERATIONS**
[54] **METHODE ET MECANISME D'OPTIMISATION DE PLANIFICATION RESEAU ROBUSTE D'OPERATION DE VOL AERIEN**
[72] LIAO, HONGWEI, US
[72] ARAGONES, JAMES KENNETH, US
[72] BHASKAR, NITIKA, US
[72] DUNSDON, JONATHAN MARK, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **A MOBILE DEVICE OPERATING SYSTEM**
[54] **SYSTEME D'EXPLOITATION D'APPAREIL MOBILE**
[72] JIANG, HONGMING, CN
[73] JIANG, HONGMING, CN
[85] 2016-01-04
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[54] **BILATERALLY COLLAPSIBLE BATHING RECEPTACLE**
[54] **RECEPTACLE DE BAIGNOIRE PLIABLE DE FACON BILATERALE**
[72] RICHARDSON, BENJAMIN TODD, US
[72] RICHARDSON, KATHRYN A., US
[73] PUJ, LLC, US
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[25] EN
[54] **METHOD OF ORDER FULFILLING BY PREPARING STORAGE UNITS AT A PICKING STATION**
[54] **PROCEDE D'EXECUTION DE COMMANDE PAR PREPARATION D'UNITES DE STOCKAGE DANS UNE AIRE DE COLLECTE**
[72] YAMASHITA, SHIN, DE
[73] DEMATIC GMBH, DE
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[54] **DIAGRAMMES EN BARRES D'ACTIVITE DE PUITS**
[72] GERMAIN, OLIVIER, US
[72] ANGHELESCU, FLORIN M., CA
[72] MANGOLD, BRIAN, CA
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **CONDUCTORS INTEGRATED IN A WATERTIGHT MANNER IN SANDWICH COMPONENTS**
[54] **CONDUCTEURS INTEGRES D'UNE MANIERE ETANCHE DANS LES COMPOSANTES EN COUCHE**
[72] STAUDIGEL, NORBERT, DE
[73] DIEHL AVIATION LAUPHEIM GMBH, DE
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[54] **SYSTEME D'AUTHENTIFICATION AUTOMATIQUE AMELIORE**
[72] GRANT, ALEXANDER JAMES, AU
[72] LECHNER, GOTTFRIED, AU
[72] POLLOK, ANDRE, AU
[72] MCKILLIAM, ROBERT GEORGE, AU
[72] LAND, INGMAR RUDIGER, AU
[72] HALEY, DAVID VICTOR LAWRIE, AU
[72] LAVENANT, MARC PIERRE DENIS, AU
[73] MYRIOTA PTY LTD, AU
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[25] EN
[54] **IDENTIFICATION MODULE FOR KEY MAKING MACHINE**
[54] **MODULE D'IDENTIFICATION POUR MACHINE DE FABRICATION DE CLES**
[72] GRICE, BYRON KEITH, US
[72] GERLINGS, PHILLIP, US
[72] CAMPBELL, JOHN CLAYTON, US
[72] SCHMIDT, MICHAEL JAMES, US
[73] THE HILLMAN GROUP, INC., US
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[54] **METHOD AND PLANT FOR REMOVING ARSENIC AND/OR ANTIMONY FROM FLUE DUSTS**
[54] **METHODE ET USINE DESTINEES A L'EXTRACTION D'ARSENIC OU D'ANTIMOINE DES POUSSIERES DE FUMEE**
[72] GUNTNER, JOCHEN, DE
[72] STURM, PETER, DE
[72] WROBEL, MACIEJ, DE
[72] HAMMERSCHMIDT, JORG, DE
[72] HOLMSTROM, AKE, SE
[72] BERG, GUNNAR, SE
[73] OUTOTEC (FINLAND) OY, FI
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[54] **DISPOSITIF D'APPLICATION DE TIMBRE DE MICRO-AIGUILLE ET ORGANE DE RETENUE DE TIMBRE**
[72] QUAN, YING-SHU, JP
[72] KAMIYAMA, FUMIO, JP
[73] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2016-03-15
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[25] FR
[54] **SPARK-GAP OF AN ELECTRIC ARC GENERATION DEVICE, AND CORRESPONDING ELECTRIC ARC GENERATION DEVICE**
[54] **ECLATEUR D'UN DISPOSITIF DE GENERATION D'ARC ELECTRIQUE ET DISPOSITIF DE GENERATION D'ARC ELECTRIQUE CORRESPONDANT**
[72] DELCHAMBRE, MICHAEL, FR
[72] LABUDA, SERGEI, FR
[72] ONQUIERT, GUILLAUME, FR
[73] ENE29 S.AR.L., LU
[85] 2016-03-17
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[54] **SYSTEM AND METHOD FOR DISPLAYING FOOD ITEMS**
[54] **SYSTEME ET PROCEDE DE PRESENTATION D'ALIMENTS**
[72] LEBOVICH, LENNY, US
[73] PRE BRANDS LLC, US
[85] 2016-03-29
[86] 2014-09-30 (PCT/US2014/058233)
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[25] EN
[54] **DISC BRAKE PAD MOUNTING AND RETENTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MONTAGE ET DE MAINTIEN DE PLAQUETTE DE FREIN A DISQUE**
[72] PLANTAN, RONALD, US
[72] RADHAKRISHNAN, HARISH, US
[72] WOLF, DENNIS, US
[72] ROBERTS, WILL, US
[72] BELL, STEVEN, US
[72] LANTZ, RICHARD, US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[25] EN
[54] **SYSTEM FOR ACTUATING GUN AND UTILITY LOCKS WITH AN EXTERNAL MOBILE DEVICE**
[54] **SYSTEME D'ACTIONNEMENT DE MECANISMES DE SURETE D'ARME ET UTILITAIRES A L'AIDE D'UN DISPOSITIF MOBILE EXTERNE**
[72] HAIMI, SHLOMO URI, IL
[73] LOCKING CONTROL LTD., IL
[85] 2016-04-07
[86] 2014-03-17 (PCT/IL2014/050296)
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[25] EN
[54] **SYSTEMS FOR DISTRIBUTING DATA OVER A COMPUTER NETWORK AND METHODS FOR ARRANGING NODES FOR DISTRIBUTION OF DATA OVER A COMPUTER NETWORK**
[54] **SYSTEMES DE DISTRIBUTION DE DONNEES VIA UN RESEAU INFORMATIQUE, ET PROCEDES D'AGENCEMENTS DE NOEUDS POUR LA DISTRIBUTION DE DONNEES VIA UN RESEAU INFORMATIQUE**
[72] O'NEAL, MIKE, US
[72] TALTON, JOHN P., US
[73] NETWORK FOUNDATION TECHNOLOGIES, LLC, US
[86] (2927771)
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[54] **PROCEDE DE SEPARATION D'UN PRODUIT DE PELOUSE SYNTHETIQUE**
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[72] RIGGENMANN, MICHAEL, DE
[73] RE-MATCH (UK) LIMITED, GB
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[54] **MANAGING WELLBORE OPERATIONS USING UNCERTAINTY CALCULATIONS**
[54] **GESTION D'OPERATIONS DE TROUS DE FORAGE AU MOYEN DE CALCULS D'INCERTITUDES**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITION AND METHOD FOR INHIBITING CORROSION OF AN ANODIZED MATERIAL**
[54] **COMPOSITION ET PROCEDE POUR INHIBER LA CORROSION D'UN MATERIAU ANODISE**
[72] LAWLESS, LARRY M., US
[72] GRIFFIN, BRUCE M., US
[73] THE BOEING COMPANY, US
[85] 2016-05-13
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[54] **IMPROVED PUSHER PUMP RESISTANT TO CORROSION BY MOLTEN ALUMINUM AND HAVING AN IMPROVED FLOW PROFILE**
[54] **POMPE DE POUSSEE PERFECTIONNEE RESISTANT A UNE CORROSION DUE A DE L'ALUMINIUM FONDU ET A PROFIL PLAT AMELIORE**
[72] LEE, YONG, US
[72] COSTINO, JAMES, US
[72] KOMAROVSKIY, IGOR, US
[73] ARCELORMITTAL, LU
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[54] **SYSTEM AND METHOD FOR REDUCING OSCILLATION LOADS OF WIND TURBINE**
[54] **SYSTEME ET PROCEDE POUR REDUIRE DES CHARGES D'OSCILLATION DE TURBINE EOLIENNE**
[72] ZHENG, DANIAN, US
[72] HUANG, XIONGZHE, CN
[72] HOLLEY, WILLIAM EDWIN, US
[72] SHANE, CONNER B., US
[72] PENMATSA, RAVEENDRA, IN
[72] GANDHI, JIGNESH GOVINDLAL, US
[72] CRIBBS, TIMOTHY BOTSFORD, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SUTURE MANIPULATING AND CUTTING IMPLEMENT**
[54] **INSTRUMENT POUR MANIPULER ET COUPER UNE SUTURE**
[72] OREN, RAN, IL
[72] MOOR, DAN, IL
[73] T.A.G. MEDICAL DEVICES-AGRICULTURE COOPERATIVE LTD., IL
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[54] **3-IN-1 FASTENING SYSTEM FOR LINER SHELLS OF MILLS USED TO GRIND MINERALS**
[54] **SYSTEME DE FIXATION 3-EN-1 DESTINE A DES VOILES DE CHEMISAGE DE MOULINS UTILISES POUR MOUDRE DES MINERAUX**
[72] POBLETE, G. MARIO, CL
[73] AMERICAN SCREW DE CHILE LIMITADA, CL
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[54] **IMPROVED VAPORIZATION AND DOSAGE CONTROL FOR ELECTRONIC VAPORIZING INHALER**
[54] **COMMANDE AMELIOREE DE VAPORISATION ET DOSAGE POUR UN INHALATEUR A VAPORISEUR ELECTRONIQUE**
[72] KING, CHARLES WILLIAM, US
[72] CORRY, CHARLES DOMINIC, US
[72] MINGILINO, CHRISTOPHER, US
[72] TUTT, TIMOTHY, US
[72] FORNARELLI, THOMAS, US
[73] AVANZATO TECHNOLOGY CORPORATION, US
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[54] **METHOD AND REGULATION AND/OR CONTROL DEVICE FOR OPERATING A WIND TURBINE AND/OR A WIND FARM, AND WIND TURBINE AND WIND FARM**
[54] **PROCEDE ET DISPOSITIF DE REGLAGE ET/OU COMMANDE POUR FAIRE FONCTIONNER UNE EOLIENNE ET/OU UN PARC EOLIEN ET EOLIENNE ET PARC EOLIEN CORRESPONDANTS**
[72] BUSKER, KAI, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **PROCEDE ET DISPOSITIF DE REGLAGE ET/OU COMMANDE POUR FAIRE FONCTIONNER UNE EOLIENNE ET/OU UN PARC EOLIEN ET EOLIENNE ET PARC EOLIEN CORRESPONDANTS**
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[73] WOBBEN PROPERTIES GMBH, DE
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[54] **ARCHITECTURAL DECORATION PANEL DRY-HANG STRUCTURE FREE IN MOUNTING-DISMOUNTING AND FLEXIBLE IN SIZE COMBINATION**
[54] **PANNEAU DECORATIF ARCHITECTURAL SUSPENDU SANS STRUCTURE DANS UNE COMBINAISON DE FORMAT FLEXIBLE MONTABLE-DEMONTABLE**
[72] LUK, SING TAN ANDY, HK
[73] LUK, SING TAN ANDY, HK
[86] (2934748)
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[54] **ENSEMBLES REVETEMENTS POUR MATELAS**
[72] JENSEN, IDA T., DK
[72] OBERWELZ, ELGER, US
[72] OVERTHUN, THOMAS D.C., US
[72] SCHNITZER, MARTIN, US
[72] JOHNSON, KARA W., US
[73] TEMPUR WORLD, LLC, US
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[54] **SYSTEME DE MWD POUR PUITS NON CLASSIQUES**
[72] KRASE, STEPHEN, US
[72] HARVEY, PETER, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2016-07-19
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[51] **Int.Cl. F21V 3/02 (2006.01) F21V 29/00 (2015.01)**
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[54] **LED LIGHTING DEVICE**
[54] **NOUVEL APPAREIL D'ECLAIRAGE A DEL**
[72] CHEN, BISHOU, CN
[72] XU, LI, CN
[72] PAN, HUI, CN
[72] CUI, JIAGUO, CN
[73] SHANGHAI SANSI ELECTRONIC ENGINEERING CO., LTD, CN
[73] SHANGHAI SANSI SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD., CN
[73] JIASHAN SANSI PHOTOELECTRIC TECHNOLOGY CO., LTD., CN
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[51] **Int.Cl. A47J 27/14 (2006.01) A47J 37/06 (2006.01)**
[25] EN
[54] **FOOD PREPARATION DEVICE**
[54] **DISPOSITIF DE PREPARATION D'ALIMENTS**
[72] CHEN, HAIDEE, US
[72] CHEN, HELEN, US
[72] CHEN, JIAFANG, US
[73] SERENETE CORPORATION, US
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[86] 2015-02-03 (PCT/US2015/014322)
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[51] **Int.Cl. E21B 44/00 (2006.01) G06F 9/455 (2018.01) G06G 7/48 (2006.01)**
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[54] **SHARED EQUATION OF STATE CHARACTERIZATION OF MULTIPLE FLUIDS**
[54] **CARACTERISATION D'EQUATION D'ETAT PARTAGEE DE FLUIDES MULTIPLES**
[72] WONG, TERRY, US
[72] FLEMING, GRAHAM, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-08-01
[86] 2015-03-12 (PCT/US2015/020299)
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[25] FR
[54] **PROCESS AND DEVICE FOR DISPERSING GAS IN A LIQUID**
[54] **PROCEDE ET DISPOSITIF DE DISPERSION DE GAZ DANS UN LIQUIDE**
[72] BAIG, SYLVIE, FR
[72] FONSECA, PEDRO, FR
[72] LE QUESNE, FRANCOIS, FR
[73] SUEZ INTERNATIONAL, FR
[85] 2016-08-12
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[51] **Int.Cl. F16B 5/01 (2006.01)**
[25] EN
[54] **AUTOMATED FASTENER INSERT INSTALLATION SYSTEM FOR COMPOSITE PANELS**
[54] **SYSTEME D'INSTALLATION D'INSERTION DE FIXATION AUTOMATISE DESTINE A DES PANNEAUX EN COMPOSITE**
[72] COON, AARON, US
[72] MCINELLY, CHRIS G., US
[72] HOEKSEMA, BRET, US
[72] LILLIBRIDGE, RYAN, US
[72] ALLEN, TOM, US
[72] SOLACK, STEVE, US
[72] BOWE, KEVIN, US
[72] ALLEN, GARY K., US
[73] THE BOEING COMPANY, US
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[54] **MODULAR THERMOFORMING SYSTEM**
[54] **SYSTEME DE THERMOFORMAGE MODULAIRE**
[72] HILLS, KAREN L., US
[72] SANCHEZ, SERGIO H., US
[72] BROWN, DOUGLAS ALAN, US
[72] LAIL, JASON CHRISTOPHER, US
[72] CLOUD, MICHAEL JOHN, US
[72] TURNER, JASON, US
[72] PHILLIPS, RICHARD V., US
[72] COOK, ROBERT, US
[72] BASOM, HUN SOK, US
[72] WENDT, DEWAYNE F., US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **RETENTION CLIPS FOR SAFETY MECHANISMS OF ILLUMINATION FLARES, SAFETY MECHANISMS AND ILLUMINATION FLARES SO EQUIPPED, AND RELATED METHODS**
[54] **PINCES DE RETENUE DESTINEES A DES MECANISMES DE SECURITE DE FUSEES ECLAIRANTES, MECANISMES DE SECURITE ET FUSEES ECLAIRANTES AINSI EQUIPEES, ET METHODES ASSOCIEES**
[72] THOMPSON, MARK A., US
[72] ROBBINS, STEVEN M., US
[72] GESLIN, MICHAEL, US
[73] NORTHROP GRUMMAN INNOVATION SYSTEMS, INC., US
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[51] **Int.Cl. G02B 6/36 (2006.01)**
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[54] **METHOD OF MANUFACTURING OPTICAL CONNECTOR, OPTICAL CONNECTOR, AND OPTICAL FIBER INSERTION DEVICE**
[54] **METHODE DE FABRICATION DE CONNECTEUR OPTIQUE, CONNECTEUR OPTIQUE ET DISPOSITIF D'INSERTION DE FIBRE OPTIQUE**
[72] YAMAGUCHI, TAKASHI, JP
[72] MATSUDA, TAKAHARU, JP
[72] LUONG, HUNG HUU, JP
[72] TAKIZAWA, KAZUHIRO, JP
[72] YONEDA, KEISUKE, JP
[72] TAKAMIZAWA, KAZUTOSHI, JP
[72] AOYAGI, YUJI, JP
[72] NAKAYACHI, KATSUSHI, JP
[73] FUJIKURA LTD., JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[25] EN
[54] **LIQUEFIED NATURAL GAS FACILITY EMPLOYING AN OPTIMIZED MIXED REFRIGERANT SYSTEM**
[54] **INSTALLATION DE GAZ NATUREL LIQUEFIE UTILISANT UN SYSTEME DE FRIGORIGENE MELANGE OPTIMISE**
[72] HABERBERGER, KYLE M., US
[72] MANNING, JASON M., US
[72] HOFFART, SHAWN D., US
[73] BLACK & VEATCH CORPORATION, US
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[51] **Int.Cl. G06F 16/9032 (2019.01)**
[25] EN
[54] **IMPROVED METHOD, SYSTEM AND SOFTWARE FOR SEARCHING, IDENTIFYING, RETRIEVING AND PRESENTING ELECTRONIC DOCUMENTS**
[54] **PROCEDE, SYSTEME, ET LOGICIEL AMELIORES POUR LA RECHERCHE, L'IDENTIFICATION, LA RECUPERATION ET LA PRESENTATION DE DOCUMENTS ELECTRONIQUES**
[72] RYGER, RAPHAEL SHMUEL, US
[72] SUVOROVA, EKATERINA, US
[73] CAMELOT UK BIDCO LIMITED, GB
[85] 2016-09-21
[86] 2015-03-30 (PCT/US2015/023435)
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[25] EN
[54] **SPLIT FLIGHT PILE SYSTEMS AND METHODS**
[54] **SYSTEMES D'EMPILEMENT DE VIS SANS FIN FENDUES ET METHODES**
[72] SUVER, PAUL, US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[86] (2944246)
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[25] EN
[54] **MONITORING POWER CONSUMPTION BY ELECTRICAL DEVICES USING MONITORED OPERATIONAL PARAMETERS**
[54] **SURVEILLANCE DE LA CONSOMMATION D'ENERGIE PAR DES DISPOSITIFS ELECTRIQUES A L'AIDE DE PARAMETRES DE FONCTIONNEMENT SURVEILLES**
[72] MONNERIE, EMMANUEL, US
[72] MELET, PATRICK, US
[72] SALAZAR CARDOZO, RUBEN EMILIO, US
[73] LANDIS+GYR INNOVATIONS, INC., US
[85] 2016-09-28
[86] 2015-04-07 (PCT/US2015/024654)
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[30] US (14/263,297) 2014-04-28

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[51] **Int.Cl. B24D 3/00 (2006.01) B24D 3/04 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLE INCLUDING SHAPED ABRASIVE PARTICLES**
[54] **ARTICLE ABRASIF COMPRENANT DES PARTICULES ABRASIVES MISES EN FORME**
[72] BREDER, KRISTIN, US
[72] CZEREPINSKI, JENNIFER H., US
[72] FREMY, FLAVIEN, US
[72] LOUAPRE, DAVID, US
[72] MARLIN, SAMUEL S., FR
[72] BOUSSANT-ROUX, YVES, FR
[72] IYENGAR, SUJATHA, US
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
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[30] US (61/979,316) 2014-04-14
[30] US (62/079,218) 2014-11-13
[30] US (62/106,545) 2015-01-22

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[54] **CUTTING BLADE WITH TRANSVERSE HARDENED REGIONS**
[54] **LAME DE COUPE DOTEE DE REGIONS DURCIES TRANSVERSALES**
[72] STOFFEL, NEAL J., US
[72] JOHNSON, KEITH A., US
[73] KONDEX CORPORATION, US
[85] 2016-11-09
[86] 2015-05-11 (PCT/US2015/030185)
[87] (WO2015/175421)
[30] US (61/991,938) 2014-05-12
[30] US (62/036,490) 2014-08-12
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[25] EN
[54] **GLOBALLY SCALABLE SOLUTION**
[54] **SOLUTION POUVANT ETRE MISE A L'ECHELLE MONDIALEMENT**
[72] PAI, YOGISH, US
[72] GOYETTE, STEVE GEORGE, US
[72] MACMARTIN, ROBERT BRUCE, US
[72] KADABA, BHARATH, US
[72] HARI, NARAYANA, US
[72] SAIMANI, JAYANTH, IN
[72] VERMA, ANSHU, IN
[72] SHARMA, ANIL, IN
[72] ASWATH, KIRAN, IN
[72] KURIAN, MERRIN, IN
[73] INTUIT INC., US
[85] 2016-11-18
[86] 2015-11-30 (PCT/US2015/062892)
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[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **PASTURE BARN**
[54] **GRANGE DE PATURAGE**
[72] RUSSELL, DONALD C., CA
[73] RUSSELL, DONALD C., CA
[86] (2949862)
[87] (2949862)
[22] 2016-11-29

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[13] C
[51] **Int.Cl. H05B 45/10 (2020.01) F21K 9/00 (2016.01) H05B 47/19 (2020.01) F21V 23/00 (2015.01)**
[25] EN
[54] **SOLID STATE LIGHTING FIXTURES WITH INTEGRATED WIRELESS CONTROL**
[54] **LUMINAIRES A SEMI-CONDUCTEURS A COMMANDE SANS FIL INTEGREE**
[72] CLARK, ADAM JOSEPH, US
[72] ROMANO, PERRY, US
[73] HUBBELL INCORPORATED, US
[85] 2016-11-23
[86] 2015-05-29 (PCT/US2015/033189)
[87] (WO2015/184264)
[30] US (62/005,820) 2014-05-30

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[13] C
[51] **Int.Cl. B21D 22/28 (2006.01)**
[25] EN
[54] **FORMED MATERIAL MANUFACTURING METHOD AND FORMED MATERIAL**
[54] **PROCEDE DE PRODUCTION DE MATERIAU MOULE ET MATERIAU MOULE**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[72] NISHIO, KATSUHIDE, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2016-12-09
[86] 2015-02-06 (PCT/JP2015/053373)
[87] (WO2015/190125)
[30] JP (2014-122298) 2014-06-13

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[13] C
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[25] EN
[54] **BULLET COLLECTING BOX CAPABLE OF STACKING AND INSTALLING, AND BULLET COLLECTING SYSTEM FOR PREVENTING OCCURENCE OF LEAD FUME IN INDOOR SHOOTING RANGE USING THE BULLET COLLECTING BOX**
[54] **BOITE DE COLLECTE DE PROJECTILE POUVANT ETRE EMPILEE ET INSTALLEE, ET DISPOSITIF DE COLLECTE DE PROJECTILE DESTINE A PREVENIR L'OCCURRENCE DE VAPEURS DE PLOMB DANS UN STAND DE TIRINTERIEUR AU MOYEN DE LA BOITE DE COLLECTE DE PROJECTILE**
[72] KIM, HEE JOUNG, KR
[72] KANG, MIN A, KR
[72] KIM, SUN JAE, KR
[72] KIM, SUN GU, KR
[73] KIM, HEE JOUNG, KR
[73] KANG, MIN A, KR
[73] KIM, SUN JAE, KR
[73] KIM, SUN GU, KR
[86] (2952033)
[87] (2952033)
[22] 2016-12-16
[30] KR (10-2016-0010362) 2016-01-27

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[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **RESOURCE OBTAINING METHOD, STATION AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE DE PREEMPTION DE RESSOURCES, STATION ET SUPPORT D'INFORMATIONS INFORMATIQUE**
[72] GOU, WEI, CN
[72] HAN, XIAOGANG, CN
[72] PENG, FOCAI, CN
[72] ZHAO, YAJUN, CN
[72] XIA, SHUQIANG, CN
[73] ZTE CORPORATION, CN
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[54] **SYSTEM AND METHOD FOR REINFORCING RECIPROCATING PUMP**
[54] **SYSTEME ET PROCEDE DE RENFORCEMENT DE POMPE ALTERNATIVE**
[72] BYRNE, JOSEPH H., US
[72] KOTAPISH, EDWARD C., US
[72] BAYYOUK, JACOB A., US
[72] WAWERU, LAWRENCE, US
[73] S.P.M. FLOW CONTROL, INC., US
[85] 2017-01-19
[86] 2015-07-24 (PCT/US2015/042111)
[87] (WO2016/015012)
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[25] EN
[54] **RAILCAR SECURITY SYSTEM WITH CAR LIGHTING**
[54] **DISPOSITIF DE SECURITE D'UN WAGON DOTE D'ECLAIRAGE DE WAGON**
[72] COSTON, KYLE R., US
[72] MEHTA, HITEN Y., US
[72] MCGHEE, BRANT R., US
[72] OZERDIM, CAGLAR, US
[72] MANKARIOUS, VICTOR M., US
[72] HARKEY, CHRISTOPHER C., US
[72] HUCK, KENNETH W., US
[73] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[86] (2955710)
[87] (2955710)
[22] 2017-01-20
[30] US (62/289,637) 2016-02-01
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[25] EN
[54] **NOVEL SULFONYLAMINOBENZAMIDE COMPOUNDS AS ANTHELMINTICS**
[54] **NOUVEAUX COMPOSES SULFONYLAMINOBENZAMIDE UTILISES COMME ANTHELMINTIQUES**
[72] GAUVRY, NOELLE, CH
[72] TAHTAOUI, CHOUAIB, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
[85] 2017-01-26
[86] 2015-08-27 (PCT/US2015/047214)
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[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)**
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[54] **TONER COMPOSITION AND PROCESS**
[54] **COMPOSITION D'ENCRE SECHE ET PROCEDE**
[72] SACRIPANTE, GUERINO G., CA
[72] NOSELLA, KIMBERLY D., CA
[72] PAWLAK, JOHN LAWRENCE, US
[73] XEROX CORPORATION, US
[86] (2957093)
[87] (2957093)
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[25] EN
[54] **IMPELLER WITH AXIALLY CURVING VANE EXTENSIONS TO PREVENT AIRLOCK**
[54] **TURBINE A EXTENSIONS D'AUBES INCURVEES AXIALEMENT POUR EVITER UNE POCHE D'AIR**
[72] LOPES, JEFFREY D., US
[73] FLOW CONTROL LLC., US
[85] 2017-02-03
[86] 2015-08-06 (PCT/US2015/043982)
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[25] EN
[54] **TOOTHBRUSH WITH OPTICAL INDICATION ELEMENT**
[54] **BROSSE A DENTS POURVUE D'UN INDICATEUR OPTIQUE**
[72] JUNGNICKEL, UWE, DE
[72] ALTMANN, NICLAS, DE
[73] THE GILLETTE COMPANY LLC, US
[86] (2957698)
[87] (2957698)
[22] 2012-02-09
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[51] **Int.Cl. B60R 9/042 (2006.01)**
[25] EN
[54] **RACK SYSTEM WITH PIVOTING RAIL**
[54] **SYSTEME DE SUPPORT DOTE DE RAIL PIVOTANT**
[72] LACHANCE, YAN, CA
[72] AUDET, GUILLAUME, CA
[73] TECHNO-FAB 9000 INC., CA
[86] (2958981)
[87] (2958981)
[22] 2017-02-23
[30] US (62/298,880) 2016-02-23

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[25] EN
[54] **HUMIDIFYING DEVICE WITHOUT NEED OF A DRAIN TUBE**
[54] **APPAREIL HUMIDIFICATEUR NE NECESSITANT PAS UN TUBE D'EVACUATION**
[72] OSADA, YASUO, JP
[72] NITTA, KAZUFUKU, JP
[72] NITTA, DAN, JP
[72] NAKANE, SHINICHI, JP
[73] METRAN CO., LTD., JP
[85] 2016-11-24
[86] 2015-05-28 (PCT/JP2015/065430)
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[25] EN
[54] **ENCLOSED BLIND CONTROL**
[54] **COMMANDE DE STORE ENCASTRE**
[72] MAROCCO, NORBERT, CA
[73] MAXXMAR INC., CA
[86] (2959784)
[87] (2959784)
[22] 2017-03-02
[30] US (62/430,668) 2016-12-06

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[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/04 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **NEURAL MONITORING METHODS AND SYSTEMS FOR TREATING PHARYNGEAL DISORDERS**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE NERVEUSE POUR LE TRAITEMENT DE TROUBLES PHARYNGES**
[72] WILSON, WILLARD, US
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[73] WILSON, WILLARD, US
[86] (2961902)
[87] (2961902)
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[51] **Int.Cl. C08G 59/20 (2006.01) C08G 59/50 (2006.01) C08K 7/02 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **LOW VISCOSITY LIQUID EPOXY RESIN COMPOSITION AND PRESSURE VESSELS MANUFACTURED USING THE SAME**
[54] **COMPOSITON DE RESINE EPOXYDE LIQUIDE A FAIBLE VISCOSITE ET RESERVOIR A PRESSION FAIT DE LADITE COMPOSITION**
[72] CHO, JAE-PIL, KR
[72] PARK, SOO-HYEONG, KR
[72] BAE, YOEN-UNG, KR
[72] KIM, WOO-SEOK, KR
[73] TORAY ADVANCED MATERIALS KOREA INC., KR
[85] 2017-11-24
[86] 2016-01-27 (PCT/KR2016/000881)
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[51] **Int.Cl. A61K 36/82 (2006.01) A61K 9/08 (2006.01) A61K 31/05 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61P 27/02 (2006.01) A61P 27/12 (2006.01)**
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[54] **ANTIOXIDANT EYE DROPS**
[54] **COLLYRE ANTIOXYDANT**
[72] KADOR, PETER F., US
[73] KADOR, PETER F., US
[85] 2017-03-29
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[87] (WO2016/057871)
[30] US (14/512,365) 2014-10-10

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[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **WIRELESS-ENABLED KIOSK FOR RECYCLING CONSUMER DEVICES**
[54] **KIOSQUE ACTIVE SANS FIL POUR LE RECYCLAGE DE DISPOSITIFS DE CONSOMMATEURS**
[72] PLOETNER, JEFFREY, US
[72] BOWLES, MARK VINCENT, US
[72] BEANE, JOHN ANDREW, US
[72] LIBRIZZI, MICHAEL, US
[72] ERMAN, RANDAL, US
[72] SILVA, JOHN, US
[73] ECOATM, LLC, US
[85] 2017-04-10
[86] 2015-02-02 (PCT/US2015/014139)
[87] (WO2016/053378)
[30] US (62/059,129) 2014-10-02

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[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/33 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **WATER SOLUBLE CLEANING POUCH COMPRISING A LIQUID COMPOSITION COMPRISING MIXTURE OF COMPLEXING AGENTS**
[54] **SACHET NETTOYANT SOLUBLE DANS L'EAU COMPRENANT UNE COMPOSITION LIQUIDE CONTENANT UN MELANGE D'AGENTS COMPLEXANTS**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] HULSKOTTER, FRANK, DE
[72] MURKUNDE, ROHAN GOVIND, GB
[72] GOODALL, KEVIN GEORGE, BE
[72] REINOSO-GARCIA, MARTA, DE
[72] BOECKH, DIETER HANNU, DE
[72] BIEL, MARKUS, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-16
[86] 2015-11-17 (PCT/US2015/061100)
[87] (WO2016/085714)
[30] EP (14194868.7) 2014-11-26

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[51] **Int.Cl. C07K 14/00 (2006.01) A61K 47/65 (2017.01) A61K 47/68 (2017.01) C07K 5/10 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/475 (2006.01) C07K 14/575 (2006.01) C07K 14/715 (2006.01) C07K 16/18 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **MOLECULAR CONSTRUCTS WITH TARGETING AND EFFECTOR ELEMENTS**
[54] **CONSTRUCTIONS MOLECULAIRES AVEC ELEMENTS DE CIBLAGE ET EFFECTEUR**
[72] CHU, HSING-MAO, TW
[72] CHEN, JOU-HAN, TW
[72] LIN, CHUN-YU, TW
[72] LIN, CHIEN-JEN, TW
[72] CHANG, TSE-WEN, TW
[73] ACADEMIA SINICA, CN
[85] 2017-05-17
[86] 2016-01-18 (PCT/CN2016/071184)
[87] (WO2016/112870)
[30] US (62/104,405) 2015-01-16
[30] US (62/114,427) 2015-02-10
[30] US (62/137,737) 2015-03-24

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[13] C
[51] **Int.Cl. H04B 7/19 (2006.01) H04B 7/195 (2006.01)**
[25] EN
[54] **COMMUNICATION-SATELLITE SYSTEM THAT CAUSES REDUCED INTERFERENCE**
[54] **SYSTEME DE TELECOMMUNICATION PAR SATELLITE PROVOQUANT DES INTERFERENCES REDUITES**
[72] LINDSAY, MICHAEL, US
[72] WYLER, GREGORY THANE, US
[73] WORLDVU SATELLITES LIMITED, US
[85] 2017-05-23
[86] 2015-11-24 (PCT/IB2015/002383)
[87] (WO2016/083894)
[30] US (62/083,412) 2014-11-24
[30] US (14/626,360) 2015-02-19

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[25] EN
[54] **SMALL MOLECULE INHIBITORS OF EGFR AND PI3K**
[54] **INHIBITEURS A PETITE MOLECULE DE L'EGFR ET DE PI3K**
[72] WHITEHEAD, CHRISTOPHER EMIL, US
[72] LEOPOLD, JUDITH S., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2017-06-05
[86] 2015-12-15 (PCT/US2015/065827)
[87] (WO2016/100347)
[30] US (62/091,969) 2014-12-15

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[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/216 (2006.01) C07C 233/47 (2006.01) C07D 257/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF TRISODIUM SUPRAMOLECULAR COMPLEX COMPRISING VALSARTAN AND AHU-377 AND METHODS THEREOF**
[54] **FORMES CRISTALLINES DE COMPLEXE SUPRAMOLECULAIRE DE TRISODIUM COMPRENANT DU VALSARTAN ET AHU-377 AINSI QUE PROCEDES ASSOCIES**
[72] CHEN, MINHUA, US
[72] ZHANG, YANFENG, CN
[72] YANG, CHAOHUI, CN
[72] ZHANG, XIAOYU, CN
[72] LI, JIAOYANG, CN
[72] WANG, PENG, US
[72] LI, PIXU, CN
[73] CRYSTAL PHARMATECH CO., LTD., CN
[73] SUZHOU PENGXU PHARMATECH CO., LTD., CN
[85] 2017-06-07
[86] 2015-12-08 (PCT/US2015/064432)
[87] (WO2016/049663)
[30] US (62/089,225) 2014-12-08

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[13] C
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 21/60 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING PHONETICALLY SIMILAR MASKED DATA**
[54] **METHODE ET SYSTEME DE GENERATION DE DONNEES MASQUEES SIMILAIRES PHONETIQUEMENT**
[72] MANDPE, ASHVINI SAKHARAM, IN
[72] GHODESWAR, RAHUL KRUSHNA, IN
[72] ROY, ASHIM, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (2970815)
[87] (2970815)
[22] 2017-06-16
[30] IN (201621020922) 2016-06-18

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[13] C
[51] **Int.Cl. C09D 175/00 (2006.01) C09D 5/08 (2006.01) E02D 5/28 (2006.01) E02D 5/80 (2006.01) E04C 5/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROTECTIVE COATING OF REINFORCEMENT**
[54] **SYSTEME ET PROCEDE DE REVETEMENT PROTECTEUR D'ARMATURE DES SOLS**
[72] BRODOWSKI, DAVID M., US
[72] BRERETON, TIMOTHY J., US
[72] ERANA, MICHAEL F., US
[73] INVENTURE CIVIL, LLC, US
[85] 2017-06-14
[86] 2016-01-12 (PCT/US2016/013028)
[87] (WO2016/115119)
[30] US (62/125,054) 2015-01-12
[30] US (14/671,421) 2015-03-27

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[13] C
[51] **Int.Cl. H04N 21/6587 (2011.01) H04N 21/2387 (2011.01) H04N 21/643 (2011.01)**
[25] EN
[54] **A METHOD FOR EFFICIENT PROCESSING OF BTP ENABLED MPEG4 STREAM**
[54] **PROCEDE PERMETTANT DE TRAITER EFFICACEMENT UN FLUX MPEG4 COMPATIBLE BTP**
[72] SINGH, VIRENDRA, IN
[72] KUMAR, AJIT, IN
[72] ACHARYA, BELMANNU HAREKRISHNA, IN
[72] ARUNKUMAR, LAKSHMI, IN
[72] SASTRY, SISTA SARADA, IN
[73] ARRIS ENTERPRISES LLC, US
[85] 2017-07-05
[86] 2016-01-06 (PCT/US2016/012331)
[87] (WO2016/112101)
[30] US (62/100,122) 2015-01-06
[30] US (14/989,189) 2016-01-06

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[13] C
[51] **Int.Cl. G02B 23/12 (2006.01) G02B 5/20 (2006.01) G02F 2/02 (2006.01)**
[25] EN
[54] **COVERT INFORMATION VIEWING SYSTEM AND METHOD OF COVERT INFORMATION PROCESSING**
[54] **SYSTEME DE VISUALISATION D'INFORMATIONS CACHEES ET PROCEDE DE TRAITEMENT D'INFORMATIONS SECRETES**
[72] AGRAWAL, SATISH, US
[72] HORNER, M. GLENN, US
[72] BOTTARI, FRANK J., US
[72] PARKER, CLIFFORD W., US
[73] BAMBU VAULT LLC, US
[85] 2017-07-11
[86] 2016-01-19 (PCT/US2016/013824)
[87] (WO2016/118463)
[30] US (62/105,279) 2015-01-20

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[13] C
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **BONE FUSION DEVICE**
[54] **DISPOSITIF DE FUSION OSSEUSE**
[72] KANG, GOOK-JIN, KR
[72] KIM, SUNNY, US
[73] L&K BIOMED CO., LTD., KR
[85] 2020-01-23
[86] 2016-01-27 (PCT/KR2016/000885)
[87] (WO2016/122208)
[30] KR (10-2015-0015161) 2015-01-30

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[13] C
[51] **Int.Cl. B62B 3/04 (2006.01) A47B 31/00 (2006.01) A47G 29/00 (2006.01)**
[25] EN
[54] **TECHNOLOGIES FOR CADDY ASSEMBLIES**
[54] **TECHNOLOGIES DESTINEES AUX ASSEMBLAGES DE PANIER**
[72] FOLEY, PATRICK, US
[72] RODGERS, DANIELLE N., US
[72] WANG, ROBIN, US
[72] STUART, CHRISTOPHER, US
[72] DECHANT, JAMES, US
[72] BENNET, CYRIL, US
[73] DEFLECTO, LLC, US
[86] (2975214)
[87] (2975214)
[22] 2017-07-27
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[51] **Int.Cl. A01N 43/40 (2006.01) A01N 25/02 (2006.01) A01P 1/00 (2006.01) A23L 3/34 (2006.01) A23L 3/3454 (2006.01) A23L 3/3508 (2006.01) A23L 3/3544 (2006.01) A23L 3/358 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL TREATMENT SOLUTIONS**
[54] **SOLUTIONS DE TRAITEMENT ANTIMICROBIEN**
[72] MASSEY, JUSTIN, US
[72] YEAMAN, TIM, US
[73] SAFE FOODS CORPORATION, US
[85] 2017-08-04
[86] 2016-02-18 (PCT/US2016/018392)
[87] (WO2016/137805)
[30] US (62/119,892) 2015-02-24

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[25] EN
[54] **APPARATUS AND METHODS FOR INTEGRATED SAMPLE PREPARATION, REACTION AND DETECTION**
[54] **APPAREIL ET PROCEDES DE PREPARATION, DE REACTION ET DE DETECTION INTEGREES D'ECHANTILLON**
[72] BIRD, DYLAN HILMER, US
[72] CHING, JESUS, US
[72] JOHNSON, BRUCE A., US
[72] MORAVICK, KEITH E., US
[72] RICHARDSON, BRUCE, US
[73] LUMINEX CORPORATION, US
[86] (2977845)
[87] (2977845)
[22] 2011-02-23
[62] 2,796,586
[30] US (61/307281) 2010-02-23

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[13] C
[51] **Int.Cl. A61M 1/12 (2006.01)**
[25] EN
[54] **INTRA-AORTIC BALLOON PUMP AND DRIVER**
[54] **POMPE DE BALLON DE CONTRE-PULSION INTRA-AORTIQUE ET DISPOSITIF DE COMMA DE**
[72] JEEVANANDAM, VALLUVAN, US
[72] SNYDER, ROGER WILLIAM, US
[72] SMITH, ROBERT, US
[72] DEDECKER, PAUL, US
[73] NUPULSECV, INC., US
[86] (2978025)
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[13] C
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[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR AUTONOMOUS DATA COLLECTION FROM VARIABLE FREQUENCY DRIVES**
[54] **SYSTEME, METHODE ET APPAREIL DE COLLECTE DE DONNEES AUTONOME A PARTIR D'ENTRAINEMENTS A FREQUENCE VARIABLE**
[72] PALMGREN, CARL ALBERT, III, US
[72] JOHNSON, TRAVIS CHET, US
[72] JANGER, LUKE GOLDEN, US
[72] HOFFMAN, GERMAN, UY
[72] SUZACQ, FERNANDO, UY
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2978412)
[87] (2978412)
[22] 2017-09-01
[30] US (62/464,017) 2017-02-27

[11] **2,978,738**
[13] C
[51] **Int.Cl. F16L 15/04 (2006.01) F16J 15/3272 (2016.01) F16J 15/32 (2016.01) F16L 15/08 (2006.01)**
[25] EN
[54] **UNION**
[54] **RACCORD**
[72] MOK, SEONG GYUN, KR
[73] MOK, SEONG GYUN, KR
[85] 2017-09-08
[86] 2017-08-17 (PCT/KR2017/008931)
[87] (WO2019/027082)
[30] KR (KR10-2017-0099123) 2017-08-04

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[51] **Int.Cl. H02S 10/10 (2014.01) H01L 35/00 (2006.01) H01M 10/46 (2006.01) H02J 7/00 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **AUTONOMOUS, MODULAR POWER GENERATION, STORAGE AND DISTRIBUTION APPARATUS, SYSTEM AND METHOD THEREOF**
[54] **APPAREIL MODULAIRE AUTONOME DE GENERATION, DE STOCKAGE ET DE DISTRIBUTION D'ENERGIE AINSI QUE SYSTEME ET PROCEDE ASSOCIES**
[72] RETTI, KAHRL, US
[73] SOLAROAD ELECTRAWALL, LLC, US
[86] (2979450)
[87] (2979450)
[22] 2008-11-26
[62] 2,706,779
[30] US (60/996,604) 2007-11-27
[30] US (61/054,806) 2008-05-20

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[13] C
[51] **Int.Cl. B64C 3/56 (2006.01) B64C 5/02 (2006.01) B64C 11/28 (2006.01)**
[25] EN
[54] **FOLDABLE AIRCRAFT WITH ANHEDRAL STABILIZING WINGS**
[54] **AERONEF PLIABLE A AILES STABILISATRICES A DIEDRE NEGATIF**
[72] ROBERTS, BARD J., US
[72] IVANS, STEVEN R., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2979628)
[87] (2979628)
[22] 2017-09-18
[30] US (15/272,311) 2016-09-21

[11] **2,980,264**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01) B01D 53/78 (2006.01) B01D 53/79 (2006.01) B01D 53/80 (2006.01)**
[25] EN
[54] **WET TYPE FLUE GAS DESULFURIZATION APPARATUS AND OPERATION METHOD OF THE SAME**
[54] **DISPOSITIF DE DESULFURATION PAR VOIE HUMIDE DE GAZ DE COMBUSTION ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE DESULFURATION PAR VOIE HUMIDE DE GAZ DE COMBUSTION**
[72] HONJO, SHINTARO, US
[72] INABA, NORIKAZU, US
[72] OKAMOTO, TAKUYA, JP
[72] HASHIMOTO, JUN, US
[72] KAMIYAMA, NAOYUKI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/059690)
[87] (WO2016/158781)
[30] US (62/139,392) 2015-03-27

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[13] C
[51] **Int.Cl. G01F 1/42 (2006.01)**
[25] EN
[54] **PADDLE STYLE ORIFICE PLATE WITH INTEGRAL PRESSURE PORTS**
[54] **PLAQUE A ORIFICES DE STYLE PALETTE DOTEE D'ORIFICES DE PRESSION INTEGRES**
[72] STEHLE, JOHN HENRY, US
[72] DEEGAN, PAUL TIMOTHY, US
[72] IFFT, STEPHEN ARTHUR, US
[73] DIETERICH STANDARD, INC., US
[85] 2017-09-21
[86] 2016-03-10 (PCT/US2016/021663)
[87] (WO2016/160298)
[30] US (14/674,434) 2015-03-31

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[51] **Int.Cl. B03C 5/02 (2006.01) E21B 21/06 (2006.01) B01D 21/00 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **ELECTRO-SEPARATION CELL WITH SOLIDS REMOVAL**
[54] **CELLULE A ELECTRO-SEPARATION AVEC ELIMINATION DE MATIERES SOLIDES**
[72] FRISKY, SEAN, CA
[72] BEAUDIN, JASON, CA
[72] LEE, JUSTIN, CA
[72] WOLENSKY, JOEL, CA
[73] GROUND EFFECTS ENVIRONMENTAL SERVICES INC., CA
[85] 2017-09-22
[86] 2015-03-31 (PCT/CA2015/000196)
[87] (WO2016/154704)

[11] **2,982,108**
[13] C
[51] **Int.Cl. E21C 35/18 (2006.01) E21C 35/197 (2006.01)**
[25] EN
[54] **PICK HAVING A SUPPORTING ELEMENT WITH A CENTERING EXTENSION**
[54] **POINTE AYANT UN ELEMENT DE SUPPORT DOTE D'UNE EXTENSION DE CENTRAGE**
[72] KRAEMER, ULRICH, DE
[72] FRIEDERICHS, HEIKO, DE
[73] BETEK GMBH & CO. KG, DE
[85] 2017-10-06
[86] 2017-04-28 (PCT/EP2017/060157)
[87] (WO2017/194328)
[30] DE (10 2016 108 808.0) 2016-05-12

[11] **2,983,900**
[13] C
[51] **Int.Cl. C08L 23/14 (2006.01)**
[25] EN
[54] **PROPYLENE COPOLYMER COMPOSITION**
[54] **COMPOSITION DE COPOLYMERE DE PROPYLENE**
[72] BRAUN, HERMANN, AT
[72] BORAGNO, LUCA, AT
[72] BERNREITNER, KLAUS, AT
[72] MARTIN, SANNA, FI
[72] SUIKKANEN, TIINA, FI
[72] STADLBAUER, WOLFRAM, AT
[73] BOREALIS AG, AT
[85] 2017-10-25
[86] 2016-05-13 (PCT/EP2016/060853)
[87] (WO2016/192960)
[30] EP (15169897.4) 2015-05-29

[11] **2,983,956**
[13] C
[51] **Int.Cl. B29C 70/32 (2006.01)**
[25] EN
[54] **METHODS OF MAKING A TUBULAR SPECIMEN WITH A PREDETERMINED WRINKLE DEFECT**
[54] **METHODE DE FABRICATION D'UN ECHANTILLON TUBULAIRE AYANT UN EFFET DE PLI PREDETERMINE**
[72] LEE, WEI-YUEH, US
[72] BURNETT, MICHAEL, US
[72] DEARMAN, MICHAEL, US
[73] BELL HELICOPTER RHODE ISLAND INC., US
[86] (2983956)
[87] (2983956)
[22] 2017-10-25
[30] US (15/464,681) 2017-03-21
[30] US (15/464,822) 2017-03-21

[11] **2,985,093**
[13] C
[51] **Int.Cl. C08F 283/01 (2006.01) C08L 51/08 (2006.01) C09D 151/08 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT**
[72] PARISH, DAVID M., US
[72] ANWER, RAZI, US
[73] SWIMC LLC, US
[85] 2017-11-03
[86] 2016-05-05 (PCT/US2016/030875)
[87] (WO2016/179341)
[30] US (62/157,044) 2015-05-05

[11] **2,987,133**
[13] C
[51] **Int.Cl. H04W 4/10 (2009.01)**
[25] EN
[54] **WIRELESS PTT COMMUNICATION SYSTEM WITH ENHANCED LOCATION REPORTING AND RELATED DEVICES AND METHODS**
[54] **SYSTEME DE COMMUNICATION PTT SANS FIL A SIGNALEMENT D'EMPLACEMENT AMELIORE ET DISPOSITIFS ET METHODES ASSOCIES**
[72] MONNES, PETER, US
[72] LEFEBRE, SHAWN D., US
[72] HENGEVELD, THOMAS A., US
[73] HARRIS CORPORATION, US
[86] (2987133)
[87] (2987133)
[22] 2017-11-28
[30] US (15/429,305) 2017-02-10

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[13] C
[51] **Int.Cl. C08J 11/08 (2006.01) B29B 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING CONTAMINATED POLYETHYLENE**
[54] **PROCEDE DE PURIFICATION DE POLYETHYLENE CONTAMINE**
[72] LAYMAN, JOHN MONCRIEF, US
[72] GUNNERSON, MAGGIE, US
[72] SCHONEMANN, HANS, US
[72] WILLIAMS, KARA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-11-27
[86] 2016-06-23 (PCT/US2016/038874)
[87] (WO2017/003804)
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[13] C
[51] **Int.Cl. H02G 7/12 (2006.01) H02G 7/14 (2006.01)**
[25] EN
[54] **SPACER DEVICE**
[54] **DISPOSITIF ESPACEUR**
[72] RICHARDSON, ALBERT S. JR., US
[73] AR PATENTS, LLC, US
[86] (2987568)
[87] (2987568)
[22] 2017-12-01
[30] US (15/383,371) 2016-12-19

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[51] **Int.Cl. B61D 7/20 (2006.01) B61D 7/02 (2006.01) B61D 7/16 (2006.01) B61D 7/24 (2006.01)**
[25] EN
[54] **RAILCAR WITH NESTED SLIDING GATES**
[54] **WAGON A PORTES COULISSANTES EMBOITEES**
[72] BROWN, ANDREW, US
[72] HUCK, KENNETH W., US
[73] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[86] (2988891)
[87] (2988891)
[22] 2017-12-13
[30] US (15/406,465) 2017-01-13

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **REAL-TIME CONTROL OF DIVERTERS**
[54] **REGLAGE DE DEFLECTEURS EN TEMPS REEL**
[72] SUN, ZHIJIE, US
[72] DYKSTRA, JASON D., US
[72] GU, QIUYING, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-12
[86] 2015-09-21 (PCT/US2015/051247)
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[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/42 (2006.01) B65D 5/468 (2006.01) B65D 5/48 (2006.01) B65D 5/54 (2006.01) B65D 5/70 (2006.01) B65D 71/24 (2006.01) B65D 71/32 (2006.01) B65D 71/34 (2006.01)**
[25] EN
[54] **MODULAR CARTON**
[54] **CARTON MODULAIRE**
[72] SPIVEY, RAYMOND R., SR., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2017-12-20
[86] 2016-07-28 (PCT/US2016/044448)
[87] (WO2017/019853)
[30] US (62/282,271) 2015-07-29
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[51] **Int.Cl. F16B 5/00 (2006.01) B60P 7/08 (2006.01) B62D 63/04 (2006.01)**
[25] EN
[54] **RAIL MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE RAIL**
[72] GETTEL, MICHAEL D., US
[73] ADRIAN STEEL COMPANY, US
[86] (2990657)
[87] (2990657)
[22] 2018-01-03
[30] US (15/832,218) 2017-12-05

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[13] C
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **LIPOSOMES WITH GINSENOSIDE AS MEMBRANE MATERIAL AND PREPARATIONS AND USE THEREOF**
[54] **LIPOSOMES AVEC DU GINSENOSIDE EN TANT QUE MATERIAU MEMBRANAIRE ET LEUR PREPARATION ET LEUR UTILISATION**
[72] LI, CHONG, CN
[72] WANG, YAHUA, CN
[72] ZHAN, HUAXING, CN
[73] XIAMEN GINPOSOME PHARMACEUTICAL CO., LTD., CN
[85] 2018-01-29
[86] 2016-08-19 (PCT/CN2016/096005)
[87] (WO2017/028811)
[30] CN (201510509404.8) 2015-08-19

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[13] C
[51] **Int.Cl. B23K 26/346 (2014.01) B23K 26/21 (2014.01) B23K 11/11 (2006.01) B23K 28/02 (2014.01)**
[25] EN
[54] **LAP WELDING METHOD OF STEEL SHEET AND LAP WELD JOINT OF STEEL SHEET**
[54] **METHODE DE SOUDAGE PAR RECOUVREMENT DE TOLE METALLIQUE ET JOINT DE TOLE METALLIQUE SOUDE PAR RECOUVREMENT**
[72] FURUSAKO, SEIJI, JP
[72] OKADA, TOHRU, JP
[72] SATO, KOICHI, JP
[72] MIYAZAKI, YASUNOBU, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 2018-02-06
[86] 2016-09-16 (PCT/JP2016/077456)
[87] (WO2017/047752)
[30] JP (2015-182846) 2015-09-16

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[13] C
[51] **Int.Cl. A61B 3/032 (2006.01) A61B 3/113 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COGNITIVE FUNCTION TESTING**
[54] **PROCEDE ET SYSTEME D'EVALUATION DES FONCTIONS COGNITIVES**
[72] JAHNKE, NATHAN A., US
[72] STILL, J. BRIAN, US
[72] GAMEL, GREGORY L., US
[72] BARONIA, BENEDICTO C., US
[73] EYEGUIDE, INC., US
[85] 2018-02-20
[86] 2016-08-18 (PCT/US2016/047578)
[87] (WO2017/031331)
[30] US (62/207,445) 2015-08-20

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[13] C
[51] **Int.Cl. B61L 29/24 (2006.01) B61L 29/30 (2006.01) B61L 23/00 (2006.01) B61L 29/28 (2006.01) B61L 29/32 (2006.01)**
[25] EN
[54] **RAILROAD CROSSING INDICATION DEVICE, RAILROAD CROSSING INDICATION SYSTEM, AND METHOD FOR DISPLAYING INFORMATION AT RAILROAD CROSSINGS**
[54] **DISPOSITIF D'INDICATION DE PASSAGE A NIVEAU, SYSTEME D'INDICATION DE PASSAGE A NIVEAU ET PROCEDE D'AFFICHAGE D'INFORMATIONS AU NIVEAU DE PASSAGES A NIVEAU**
[72] DEJARNATT, BARTON, US
[72] PLESS, TRAVIS, US
[73] SIEMENS MOBILITY, INC., US
[85] 2018-02-26
[86] 2015-08-31 (PCT/US2015/047656)
[87] (WO2017/039597)

[11] **2,997,622**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 9/00 (2006.01)**
[25] EN
[54] **TUBULAR WEAR VOLUME DETERMINATION USING ELASTICITY CORRECTION**
[54] **DETERMINATION DU VOLUME D'USURE D'ELEMENTS TUBULAIRES A L'AIDE D'UNE CORRECTION D'ELASTICITE**
[72] SAMUEL, ROBELLO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-03-05
[86] 2015-10-09 (PCT/US2015/054838)
[87] (WO2017/062024)

[11] **2,997,727**
[13] C
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **INTRAGASTRIC DEVICE FOR TREATING OBESITY**
[54] **DISPOSITIF INTRAGASTRIQUE POUR TRAITER L'OBESITE**
[72] SHARMA, VIRENDER K., US
[72] BASUDE, RAGHUVEER, US
[73] SYNERZ MEDICAL, INC., US
[85] 2018-03-06
[86] 2016-04-20 (PCT/US2016/028509)
[87] (WO2017/052694)
[30] US (14/862,706) 2015-09-23

[11] **2,997,759**
[13] C
[51] **Int.Cl. H04W 52/10 (2009.01) H04W 52/14 (2009.01) H04W 84/12 (2009.01) H04W 52/22 (2009.01) H04W 52/24 (2009.01)**
[25] EN
[54] **MULTI-USER POWER CONTROL METHODS AND PROCEDURES**
[54] **PROCEDES ET PROCEDURES DE COMMANDE DE PUISSANCE MULTI-UTILISATEUR**
[72] LOU, HANQING, US
[72] OTERI, OGHENEKOME, US
[72] ZHANG, GUODONG, US
[72] OLESEN, ROBERT L., US
[72] YANG, RUI, US
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2018-03-06
[86] 2016-09-09 (PCT/US2016/050882)
[87] (WO2017/044696)
[30] US (62/216,666) 2015-09-10
[30] US (62/245,325) 2015-10-23

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[13] C
[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/117 (2014.01) H04N 19/159 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOTION COMPENSATION PREDICTION WITH MULTIPLE FRACTIONAL SAMPLE INTERPOLATIONS**
[54] **METHODE ET APPAREIL DE PREDICTION DE LA COMPENSATION DE MOUVEMENT AU MOYEN D'INTERPOLATIONS D'ECHANTILLONS FRACTIONNAIRES**
[72] BOSSEN, FRANK JAN, US
[73] NTT DOCOMO, INC., JP
[86] (2997877)
[87] (2997877)
[22] 2012-06-22
[62] 2,839,704
[30] US (61/501112) 2011-06-24

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[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 47/34 (2017.01) A61K 48/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING ANIONIC DRUG, AND PREPARATION METHOD THEREFOR**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN MEDICAMENT ANIONIQUE, ET SON PROCEDE DE PREPARATION**
[72] NAM, HYE YEONG, KR
[72] KIM, BONG-OH, KR
[72] SEO, MIN-HYO, KR
[72] SON, JI-YEON, KR
[72] CHOI, JI-HYE, KR
[72] KIM, SANG HOON, KR
[73] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR
[85] 2018-03-08
[86] 2016-09-12 (PCT/KR2016/010269)
[87] (WO2017/048018)
[30] KR (10-2015-0130587) 2015-09-15
[30] KR (10-2016-0117053) 2016-09-12

[11] **2,998,113**
[13] C
[51] **Int.Cl. F41C 23/06 (2006.01)**
[25] EN
[54] **RECOIL-DAMPING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT DE RECUL**
[72] SCHONBORN, DAMIAN, AT
[72] KRONSTEINER, MARTIN, AT
[73] SCHONBORN, DAMIAN, AT
[85] 2018-03-07
[86] 2016-08-10 (PCT/AT2016/060027)
[87] (WO2017/044997)
[30] AT (A 50784/2015) 2015-09-14

[11] **2,998,461**
[13] C
[51] **Int.Cl. A61N 1/32 (2006.01) A43B 13/00 (2006.01) A61H 39/00 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **ELECTROTHERAPEUTIC SOLE AND METHOD FOR MAKING THE SAME**
[54] **SEMELLE ELECTROTHERAPEUTIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] HO, HOI MING MICHAEL, CA
[73] HO, HOI MING MICHAEL, CA
[86] (2998461)
[87] (2998461)
[22] 2018-03-19
[30] TW (106112340) 2017-04-13

[11] **2,999,451**
[13] C
[51] **Int.Cl. F24F 1/56 (2011.01) F24F 1/48 (2011.01)**
[25] EN
[54] **AN OUTDOOR UNIT AND AN AIR CONDITIONER HAVING THE SAME**
[54] **UN MODULE EXTERIEUR ET UN CONDITIONNEUR D'AIR COMPORTANT LEDIT MODULE**
[72] YAMADA, TORU, JP
[72] YAMADA, NORIYOSHI, JP
[72] HASHIMOTO, YUTA, JP
[73] HITACHI-JOHNSON CONTROLS AIR CONDITIONING, INC., JP
[86] (2999451)
[87] (2999451)
[22] 2018-03-27
[30] JP (2017-080386) 2017-04-14

[11] **3,000,119**
[13] C
[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/962 (2013.01)**
[25] EN
[54] **DELIVERY OF MEDICAL DEVICES**
[54] **POSE DE DISPOSITIFS MEDICAUX**
[72] LOSORDO, MICHAEL, US
[72] SKUJINS, PETER, US
[72] JOHNSON, GARRETT, US
[73] COVIDIEN LP, US
[86] (3000119)
[87] (3000119)
[22] 2014-08-08
[62] 2,922,305
[30] US (61/870,755) 2013-08-27
[30] US (14/040,477) 2013-09-27
[30] US (14/040,463) 2013-09-27
[30] US (14/040,516) 2013-09-27
[30] US (14/040,510) 2013-09-27
[30] US (14/040,489) 2013-09-27

[11] **3,000,786**
[13] C
[51] **Int.Cl. C01B 13/11 (2006.01)**
[25] EN
[54] **OZONE GENERATION WITH DIRECTLY COOLED PLASMA CHANNELS**
[54] **PRODUCTION D'OZONE AU MOYEN DE CANAUX A PLASMA A REFROIDISSEMENT DIRECT**
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[72] BRUGGEMANN, NICOLE, DE
[73] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-04-03
[86] 2016-10-19 (PCT/EP2016/075106)
[87] (WO2017/067991)
[30] EP (15190727.6) 2015-10-21

[11] **3,001,266**
[13] C
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/15 (2006.01) A61L 15/28 (2006.01) D04H 11/00 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOSITION CONTAINING A STARCH HYDROLYSATE FOR HEAT-SEALING**
[54] **COMPOSITION ADHESIVE COMPRENANT UN HYDROLYSANT D'AMIDON POUR LE THERMOCOLLAGE**
[72] REDL, ANDREAS, BE
[73] TEREOS STARCH & SWEETENERS BELGIUM, BE
[85] 2018-04-06
[86] 2016-10-07 (PCT/IB2016/056015)
[87] (WO2017/060864)
[30] BE (BE-2015/5636) 2015-10-07

[11] **3,001,828**
[13] C
[51] **Int.Cl. G03G 9/093 (2006.01)**
[25] EN
[54] **TONER COMPOSITIONS WITH ANTIPLASTICIZERS COMPRISING PURINE DERIVATIVE**
[54] **COMPOSITIONS D'ENCRE SECHE DOTEES D'AGENTS ANTIPLASTIFIANTS RENFERMANT UN DERIVE DE PURINE**
[72] FARRUGIA, VALERIE M., CA
[72] VEREGIN, RICHARD PHILIP NELSON, CA
[73] XEROX CORPORATION, US
[86] (3001828)
[87] (3001828)
[22] 2018-04-17
[30] US (15/499217) 2017-04-27

[11] **3,001,856**
[13] C
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[25] EN
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[54] **PLAQUES DE REDUCTION DE FRACTURE DE LA ROTULE**
[72] RICKER, LAUREN, US
[72] HORWITZ, DANIEL, US
[72] SANDERS, ROY, US
[72] DZIADOSZ, DAN, US
[72] GIANNOUDIS, PETER, GB
[73] BIOMET MANUFACTURING, LLC, US
[73] BIOMET TRAUMA, LLC, US
[85] 2018-04-12
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[25] EN
[54] **WINDOW MILLING SYSTEMS**
[54] **SYSTEMES DE FRAISAGE DE FENETRE**
[72] DONOVAN, STACEY B., US
[72] DANCER, WILLIAM W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **C,O-SPIRO ARYL GLYCOSIDE COMPOUNDS, PREPARATION THEREFOR AND USE THEREOF**
[54] **COMPOSES C,O-SPIRO-ARYL-GLYCOSIDES, LEUR PREPARATION ET LEUR UTILISATION**
[72] LIU, HONG, CN
[72] LI, JIA, CN
[72] WANG, JIANG, CN
[72] LI, JINGYA, CN
[72] CHEN, HUI, CN
[72] LI, DAN, CN
[72] LI, JIAN, CN
[72] WANG, YIBING, CN
[72] JIANG, HUALIANG, CN
[72] CHEN, KAIXIAN, CN
[73] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[25] EN
[54] **FASTENING TIP FOR CONNECTING A CARGO SUPPORT BEAM TO A TRACK**
[54] **EMBOUT DE FIXATION DESTINE A CONNECTER UN MONTANT DE SUPPORT DE MARCHANDISE A UN RAIL**
[72] CHEN, WEIGUO, CN
[72] CHEN, YANQIONG, CN
[72] DENG, WEI, CN
[73] NINGBO XULI METAL PRODUCTS CO., LTD., CN
[85] 2018-07-24
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[54] **WELLBORE MATERIAL CONTINUOUS HARDNESS TESTING METHODS AND TOOLS**
[54] **PROCEDES ET OUTILS D'ESSAI DE DURETE CONTINU DE MATERIAU DE PUITS DE FORAGE**
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] WALTERS, HAROLD GRAYSON, US
[72] SANSIL, MICHELLE RENEE, US
[72] MATZAR, LUIS A., US
[72] HAMPTON, JESSE C., US
[72] DUSTERHOFT, RONALD GLEN, US
[72] BAI, JIE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BONE CEMENT APPLICATOR WITH HOLLOW CYLINDER ON DELIVERY PLUNGER**
[54] **APPLICATEUR DE CIMENT ORTHOPEDIQUE DOTE D'UN CYLINDRE CREUX SUR LE PISTON DE DISTRIBUTION**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[72] STRATHAUSEN, RAINER, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (3003182)
[87] (3003182)
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[54] **MANAGING SYNCHRONIZATION ISSUES BETWEEN PROFILE STORES AND SOURCES OF TRUTH**
[54] **GESTION DE PROBLEMES DE SYNCHRONISATION ENTRE DES MAGASINS DE PROFILS ET DES SOURCES DE VERITE**
[72] ULLRICH, TOBIAS, DE
[72] PFANNENSCHMIDT, LARS, DE
[72] WISNIEWSKI, FRANK, DE
[72] KRUGER, THORSTEN, DE
[72] RAJGARA, SHABBIR Y., US
[72] GAO, GUOHAN, US
[73] INTUIT INC., US
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[25] EN
[54] **TARGETED/IMMUNOMODULATORY FUSION PROTEINS AND METHODS FOR MAKING SAME**
[54] **PROTEINES DE FUSION CIBLEES/IMMUNOMODULATRICES ET LEURS PROCEDES DE FABRICATION**
[72] GOVINDAPPA, NAGARAJ, IN
[72] SASTRY, KEDARNATH, IN
[72] SOARES, MARIA MELINA, IN
[73] BIOCON LIMITED, IN
[86] (3004695)
[87] (3004695)
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[51] **Int.Cl. B27K 3/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEALING SOLID WOOD FLOOR WITH WAX AND SOLID WOOD FLOOR**
[54] **METHODE ET APPAREIL D'ETANCHEISATION DE PLANCHER DE BOIS MASSIF AU MOYEN DE CIRE ET PLANCHER DE BOIS MASSIF**
[72] LIU, BINBIN, CN
[73] ZHEJIANG LINGGE WOOD CO., LTD, CN
[86] (3004723)
[87] (3004723)
[22] 2018-05-10
[30] CN (201710929172.0) 2017-10-09

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[54] **HIGH DYNAMIC RANGE COLOR CONVERSION CORRECTION**
[54] **PLAGE DYNAMIQUE ELEVEE DE CORRECTION DE CONVERSION DE COULEUR**
[72] NORKIN, ANDREY, US
[73] NETFLIX, INC., US
[85] 2018-05-08
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[87] (WO2017/083426)
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[25] EN
[54] **APPARATUS AND SYSTEM FOR TREATING GASEOUS STREAMS**
[54] **APPAREIL ET SYSTEME POUR TRAITER DES FLUX GAZEUX**
[72] JUDD, STEVEN P., US
[72] SITES, O. ANGUS, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-15
[86] 2016-11-01 (PCT/US2016/059828)
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[25] EN
[54] **SYSTEM FOR CAPTURING CO2 FROM A FUEL CELL**
[54] **SYSTEME DE CAPTURE DU CO2 PROVENANT D'UNE PILE A COMBUSTIBLE**
[72] JAHNKE, FRED C., US
[73] FUELCELL ENERGY, INC., US
[85] 2018-05-15
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[54] **EMISSION CONTROL SYSTEM**
[54] **SYSTEME DE LUTTE CONTRE LES EMISSIONS**
[72] MOORE, RANDALL P., US
[72] JACKSON, KEVIN, US
[72] BALOGA, STEPHEN, US
[72] CHEN, BOBBY I. T., US
[72] HALLEY, BERANI A. C., US
[72] EDEL, JOHN, US
[73] SHAW ENVIRONMENTAL & INFRASTRUCTURE, INC., US
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[25] EN
[54] **3H-PYRROLOPYRIDINE COMPOUND, N-OXIDE THEREOF OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND AND METHOD FOR USING THE SAME**
[54] **COMPOSE 3H-PYRROLOPYRIDINE, N-OXYDE ASSOCIE OU SEL ASSOCIE, INSECTICIDE AGRICOLE ET HORTICOLE RENFERMANT LE COMPOSE ET METHODE D'UTILISATION ASSOCIEE**
[72] YONEMURA, IKKI, JP
[72] SANO, YUSUKE, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[73] NIHON NOHYAKU CO., LTD., JP
[85] 2018-05-23
[86] 2016-11-30 (PCT/JP2016/085483)
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[30] JP (2015-234665) 2015-12-01
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[54] **CYCLOTRON AND METHOD FOR CONTROLLING THE SAME**
[54] **CYCLOTRON ET METHODE DE COMMANDE DUDIT CYCLOTRON**
[72] MELIN, JOHN HANS, SE
[72] KOFFMAR, ERIK, SE
[72] TYNELIUS, NILS, SE
[72] SVEDBERG, OSKAR, SE
[73] GENERAL ELECTRIC COMPANY, US
[86] (3006120)
[87] (3006120)
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[51] **Int.Cl. D04H 1/425 (2012.01) D04H 1/46 (2012.01)**
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[54] **PATTERNED NONWOVEN MATERIAL**
[54] **MATERIAU NON TISSE A MOTIF**
[72] STRANDQVIST, MIKAEL, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
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[25] EN
[54] **DIASTEREOSELECTIVE SYNTHESIS OF PHOSPHATE DERIVATIVES AND OF THE GEMCITABINE PRODRUG NUC-1031**
[54] **SYNTHESE DIASTEREOSELECTIVE DE DERIVES DE PHOSPHATE ET DU PROMEDICAMENT DE GEMCITABINE NUC-1031**
[72] KOTALA, MANI BUSHAN, IN
[72] DAMMALAPATI, VENKATA LAKSHMI NARASIMHA RAO, IN
[73] NUCANA PLC, GB
[73] LAURUS LABS PRIVATE LTD, IN
[85] 2018-06-04
[86] 2016-12-09 (PCT/GB2016/053875)
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[30] IN (6635/CHE/2015) 2015-12-11
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[54] **ACTIVE RANGING-WHILE-DRILLING WITH MAGNETIC GRADIOMETRY**
[54] **TELEMETRIE ACTIVE PENDANT LE FORAGE AVEC UNE GRADIOMETRIE MAGNETIQUE**
[72] WILSON, GLENN ANDREW, US
[72] RODNEY, PAUL F., US
[72] KALATEH AHMAD, AKRAM AHMADI, US
[72] WU, HSU-HSIANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2017-01-10 (PCT/US2017/012873)
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[51] **Int.Cl. C09K 5/10 (2006.01) B22D 11/124 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF A HEAT TRANSFER OF A NON-METALLIC OR METALLIC ITEM**
[54] **PROCEDE DE TRANSFERT DE CHALEUR D'UN ARTICLE NON METALLIQUE OU METALLIQUE**
[72] CABANAS CORRALES, MARIA, ES
[72] NORIEGA PEREZ, DAVID, ES
[73] ARCELORMITTAL, LU
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[30] IB (PCT/IB2015/002393) 2015-12-22

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[25] EN
[54] **BELTED ABSORBENT ARTICLE WITH DISTINGUISHABLE BELT ENDS**
[54] **ARTICLE ABSORBANT A CEINTURE AVEC EXTREMITE DE CEINTURE DISTINGUABLES**
[72] CARLEN, HENRIK, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
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[86] 2016-04-29 (PCT/SE2016/050382)
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[54] **PORTABLE WORK HOLDING DEVICE AND ASSEMBLY**
[54] **DISPOSITIF PORTABLE DE RETENUE D'UNE PIECE DE TRAVAIL ET ENSEMBLE**
[72] ONELLO, TIMOTHY SCOTT, US
[72] WEBER, CHARLES, US
[73] JPW INDUSTRIES INC., US
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[51] **Int.Cl. A61C 8/00 (2006.01)**
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[54] **CONDENSING SKELETAL IMPLANT THAT FACILITATE INSERTION**
[54] **IMPLANT SQUELETTIQUE A CONDENSATION FACILITANT L'INTRODUCTION**
[72] FROMOVICH, OPHIR, IL
[72] JACOBY, YUVAL, IL
[72] BICHACHO, NITZAN, IL
[72] KARMON, BEN-ZION, IL
[73] NOBEL BIOCARE SERVICES AG, CH
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[87] (3008319)
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[54] **SYSTEMS AND METHODS FOR COOLING AN ANIMAL**
[54] **SYSTEMES ET PROCEDES POUR RAFRAICHIR UN ANIMAL**
[72] SCHINCKEL, ALLAN P., US
[72] STWALLEY, ROBERT MERTON, III, US
[73] PURDUE RESEARCH FOUNDATION, US
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[86] 2016-12-15 (PCT/US2016/066893)
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[54] **LEG ASSEMBLY METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ENSEMBLE PIED**
[72] COLSTON, MICHAEL, US
[72] ALTENRITTER, DANIEL, US
[73] TRAEGER PELLET GRILLS, LLC, US
[85] 2018-06-18
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[13] C
[51] **Int.Cl. A61M 5/315 (2006.01)**
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[54] **MEDICAL DELIVERY DEVICE WITH LAMINATED STOPPER**
[54] **DISPOSITIF D'ADMINISTRATION MEDICAL AVEC BUTEE FEUILLETEE**
[72] RUSCH, GREG, US
[72] BASHAM, ROBERT C., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[51] **Int.Cl. G06F 8/76 (2018.01) G06F 8/75 (2018.01)**
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[54] **AUTOMATIC GENERATION OF MICROSERVICES BASED ON TECHNICAL DESCRIPTION OF LEGACY CODE**
[54] **GENERATION AUTOMATIQUE DE MICROSERVICES FONDEE SUR LA DESCRIPTION TECHNIQUE DE CODE HERITE**
[72] CHANDRAMOULI, M., IN
[72] HONNAPPA, VIDYASAGAR, IN
[72] SAWANT, NITIN MADHUKAR, IN
[72] BIJANI, PRAMOD, IN
[72] SUBRAMANIAM, RAVICHANDRAN, IN
[72] BHARAT, SATYA, IN
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[86] (3008844)
[87] (3008844)
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[54] **SMART SOLENOID**
[54] **SOLENOIDE INTELLIGENT**
[72] PHILLIPS, DAVID, US
[72] GUZOREK, RICHARD, US
[73] FLEXTRONICS AP, LLC, US
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[87] (3008873)
[22] 2014-04-09
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[54] **CATALYTIC INERTING SYSTEM FOR AN AIRCRAFT WITH MULTIPLE FUEL TANKS**
[54] **SYSTEME D'INERTAGE CATALYTIQUE DESTINE A UN AERONEF DOTE DE MULTIPLES RESERVOIRS DE CARBURANT**
[72] JENSEN, BRYAN DAVID, US
[72] HAYDEN, JOHN WILLIAM, US
[73] PARKER-HANNIFIN CORPORATION, US
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[30] US (62/281,757) 2016-01-22

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[51] **Int.Cl. F16B 25/00 (2006.01)**
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[54] **PLASTIC THREAD ELEMENT AND CONNECTION ASSEMBLY CONSISTING OF A PLASTIC SUPPORT PART AND A PLASTIC THREAD ELEMENT**
[54] **ELEMENT FILETE EN PLASTIQUE ET DISPOSITIF DE RACCORDEMENT CONSTITUE D'UNE PIECE DE SUPPORT EN PLASTIQUE ET D'UN ELEMENT FILETE EN PLASTIQUE**
[72] VORDERWISCH, ALEXANDER, DE
[73] BOLLHOFF VERBINDUNGSTECHNIK GMBH, DE
[85] 2018-07-09
[86] 2017-01-30 (PCT/EP2017/051918)
[87] (WO2017/134009)
[30] DE (10 2016 101 910.0) 2016-02-03

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[51] **Int.Cl. C08L 23/12 (2006.01) C08L 23/14 (2006.01)**
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[54] **POLYOLEFIN COMPOSITION WITH IMPROVED TOUGHNESS**
[54] **COMPOSITION DE POLYOLEFINE PRESENTANT UNE RESISTANCE AMELIOREE**
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[72] JERABEK, MICHAEL, AT
[73] BOREALIS AG, AT
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[51] **Int.Cl. D06F 39/02 (2006.01) A47L 15/44 (2006.01)**
[25] EN
[54] **METHOD OF DELIVERING UNIT DOSE ARTICLES TO A WASHING MACHINE**
[54] **PROCEDE POUR LIVRER DES ARTICLES D'UNITE DE DOSE A UNE MACHINE A LAVER**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] DE MALSCHE, KATRIEN, BE
[72] DEGEYTER, RAF GUSTAAF ALFONS, BE
[72] SAINT-IGNAN, KATY, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[30] EP (16155339.1) 2016-02-11

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[13] C
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD AND TREATMENT SYSTEM FOR TREATING MINERAL OR OIL SANDS TAILINGS**
[54] **METHODE ET SYSTEME DE TRAITEMENT SERVANT A TRAITER DES RESIDUS DE MINERAUX OU DE SABLES BITUMINEUX**
[72] FENDERSON, THOMAS, US
[72] PELAEZ, MIGUEL, US
[72] MAASEN, IGAL, US
[72] LUO, YUPING, US
[73] KEMIRA OYJ, FI
[86] (3012775)
[87] (3012775)
[22] 2018-07-27
[30] US (15/995,180) 2018-06-01

[11] **3,012,808**
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[51] **Int.Cl. H05B 6/10 (2006.01)**
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[54] **INDUCTION HEATING DEVICE AND INDUCTION HEATING METHOD**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET PROCEDE DE CHAUFFAGE PAR INDUCTION**
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[72] UEKI, TSUTOMU, JP
[73] NIPPON STEEL CORPORATION, JP
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[54] **EMBALLAGES POUR LE TRANSPORT DE TUBES**
[72] KENNEDY, JOHN FITZGERALD, II, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **TURBOMACHINE WITH ALTERNATINGLY SPACED TURBINE ROTOR BLADES**
[54] **TURBOMACHINE DOTEE DE PALES DE ROTOR DE TURBINE ESPACEES EN ALTERNANCE**
[72] VAN DER MERWE, GERT JOHANNES, US
[72] ZATORSKI, DAREK TOMASZ, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (3013727)
[87] (3013727)
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[54] **BURNER APPARATUS AND METHOD OF COMBUSTION**
[54] **APPAREIL DE TYPE BRULEUR ET PROCEDE DE COMBUSTION**
[72] RISSEEUW, IZAAK, NL
[72] KLOOSTERMAN, JEFFREY, US
[72] LI, XIANMING JIMMY, US
[72] WOLF, ROBERT GREGORY, US
[72] HENDERSHOT, REED JACOB, US
[72] JEUNINK, FRANCISCUS ARNOLDUS MARIA, NL
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[73] TECHNIP BENELUX B.V., NL
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[54] **TISSUE MANAGEMENT IMPRESSION MATERIAL AND DISPENSING SYSTEM**
[54] **MATERIAU POUR EMPREINTE A GESTION DES TISSUS ET SYSTEME D'ADMINISTRATION**
[72] PIERSON, PAUL RICHARD, US
[72] SUN, FUMING, US
[72] BENNET, RICK, US
[72] PIERONI, ROBERT J., US
[73] DENTSPLY INTERNATIONAL INC., US
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[25] EN
[54] **FORMALDEHYDE-SCAVENGING COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE PIEGEAGE DE FORMALDEHYDE**
[72] CHEN, XIAORUI, CN
[72] GAN, YANCHANG, CN
[72] TAN, YONGZHI, CN
[72] ZHOA, XI, CN
[72] DUAN, GANG, US
[73] SWIMC LLC, US
[85] 2018-08-16
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[54] **ASSEMBLY FOR CHARGING A BATTERY AND CHARGING METHOD IMPLEMENTING SUCH AN ASSEMBLY**
[54] **ENSEMBLE DE RECHARGEMENT D'UNE BATTERIE ET PROCEDE DE RECHARGE METTANT EN OEUVRE UN TEL ENSEMBLE**
[72] LABAYE, THIERRY, FR
[72] CLERC, VINCENT, FR
[73] SOFTBANK ROBOTICS EUROPE, FR
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[54] **SHOCK ABSORBING FEED WHEEL ASSEMBLY**
[54] **ENSEMBLE ROUE D'AVANCE A ABSORPTION DE CHOCS**
[72] FOY, MICHAEL BRYDON, US
[72] ELLIOT, DUSTIN D., US
[73] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2018-08-27
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[54] **CONFIGURABLE IN-FEED FOR A FOOD PROCESSING MACHINE**
[54] **ALIMENTATION D'ENTREE CONFIGURABLE DESTINEE A UNE MACHINE DE TRANSFORMATION ALIMENTAIRE**
[72] TORRENGA, RYAN M., US
[72] PRYOR, GLEN F., US
[72] O'CONNOR, RYAN J., US
[72] FOX, GAGE A., US
[73] PROVISUR TECHNOLOGIES, INC., US
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[25] EN
[54] **UTILIZING WET FRACTURING SAND FOR HYDRAULIC FRACTURING OPERATIONS**
[54] **UTILISATION DE SABLE DE FRACTURATION HUMIDE POUR OPERATIONS DE FRACTURATION HYDRAULIQUE**
[72] MORRIS, JEFFREY G., US
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[72] BATEMAN, MICHAEL, US
[72] JENSEN, NEAL, US
[73] TYPHON TECHNOLOGY SOLUTIONS, LLC, US
[85] 2018-08-28
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[54] **SYSTEMS AND METHODS OF AUTO SACKING OF PARCELS**
[54] **SYSTEMES ET PROCEDES D'ENSACHAGE AUTOMATIQUE DE COLIS**
[72] PIPPIN, JAMES M., US
[72] DICKERSON, HOMER L., US
[73] SIEMENS INDUSTRY, INC., US
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[54] **TIME-REVERSED NONLINEAR ACOUSTICS FOR DOWNHOLE PRESSURE MEASUREMENTS**
[54] **ACOUSTIQUE NON LINEAIRE A INVERSION TEMPORELLE POUR MESURES DE PRESSION DE FOND DE TROU**
[72] JOHNSON, PAUL A., US
[72] ULRICH, TIMOTHY J., II, US
[72] LE BAS, PIERRE-YVES, US
[72] GUYER, ROBERT A., US
[72] GOODMAN, HARVEY E., US
[72] REMILLIEUX, MARCEL C., US
[73] CHEVRON U.S.A. INC., US
[73] TRIAD NATIONAL SECURITY, LLC, US
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[25] EN
[54] **DOOR INNER PANEL AND METHOD FOR MANUFACTURING DOOR INNER PANEL**
[54] **PANNEAU INTERNE DE PORTE ET PROCEDE DE FABRICATION DE PANNEAU INTERNE DE PORTE**
[72] OTSUKA, KENICHIRO, JP
[72] ONO, ATSUSHI, JP
[72] KASEDA, YOSHIYUKI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL CORPORATION, JP
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[54] **PORTABLE LIGHT HAVING A FORWARD FACING LIGHT AND A REARWARD FACING LIGHT**
[54] **LAMPE PORTABLE AYANT UNE LUMIERE TOURNEE VERS L'AVANT ET UNE LUMIERE TOURNEE VERS L'ARRIERE**
[72] KELLEY, THOMAS J., US
[72] ARENA, FRANCIS D., US
[72] WORMAN, WILLIAM D., US
[73] STREAMLIGHT, INC., US
[85] 2018-09-18
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[54] **CONTAINER SYSTEM FOR USE WITH A COSMETIC MASK**
[54] **SYSTEME DE RECIPIENT DESTINE A UN ETRE UTILISE AVEC UN MASQUE COSMETIQUE**
[72] ROH, YEON JUNG, US
[72] KIM, SONGYUP, US
[73] ELC MANAGEMENT LLC, US
[85] 2018-10-03
[86] 2017-04-07 (PCT/US2017/026553)
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[25] EN
[54] **LACTOBACILLUS RHAMNOSUS FOR USE IN PREPARATION OF FERMENTED PRODUCTS**
[54] **LACTOBACILLUS RHAMNOSUS DESTINE A ETRE UTILISE DANS LA PREPARATION DE PRODUITS FERMENTES**
[72] GARAULT, PEGGY, FR
[72] CHRISTOPHE, DAVAL, FR
[72] MARCHAL, LAURENT, FR
[73] COMPAGNIE GERVAIS DANONE, FR
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[25] EN
[54] **MODULARIZED OCEAN ENERGY GENERATING DEVICE AND BUILT-IN MODULE THEREOF**
[54] **APPAREIL DE GENERATION D'ENERGIE DE L'OCEAN MODULARISE ET MODULE INTEGRE ASSOCIE**
[72] DONG, LIN, CN
[72] CHANGZHENG, HUANG, CN
[72] ZHENGHAN, CHEN, CN
[72] QIANCHENG, XU, CN
[73] HANGZHOU LHD INSTITUTE OF NEW ENERGY, LLC, CN
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[54] **BONE-MEAT SEPARATOR**
[54] **SEPARATEUR D'OS ET DE VIANDE**
[72] ZHANG, BAICHUN, CN
[72] ZHANG, TIANYANG, CN
[72] ZHANG, TIANGFANG, CN
[73] SUNBY MACHINERY CO., LTD, CN
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[54] **DRY POWDER INHALER WITH BLISTER BURSTING DEVICE**
[54] **INHALATEUR DE POUDRE SECHE AVEC DISPOSITIF D'ECLATEMENT D'ALVEOLE**
[72] WILSON, PETER, GB
[72] CLARKE, ROGER, GB
[72] MCGUINNESS, LIAM, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
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[54] **VACUUM SET-UP TO PRESSURIZE A COMPONENT PART DURING ITS PRODUCTION, AND METHOD FOR PRODUCING A COMPONENT PART**
[54] **MISE EN PLACE DE VIDE POUR METTRE SOUS PRESSION UNE PARTIE D'ELEMENT PENDANT SA PRODUCTION ET METHODE DE PRODUCTION D'UNE PARTIE D'ELEMENT**
[72] THADEN, BERNHARD, DE
[73] PREMIUM AEROTEC GMBH, DE
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[25] EN
[54] **THERMAL DECOMPOSITION PIPE FOR OLEFIN MANUFACTURE AND METHOD FOR MANUFACTURING DEHYDROGENATION CATALYST**
[54] **TUYAU DE DECOMPOSITION THERMIQUE POUR FABRICATION D'OLEFINES ET PROCEDE DE FABRICATION DE CATALYSEUR DE DESHYDROGENATION**
[72] OTSUBO, KENJI, JP
[72] HASHIMOTO, KUNIHIDE, JP
[72] YAMAGUCHI, HIROSHI, JP
[72] SEKINE, YASUSHI, JP
[73] KUBOTA CORPORATION, JP
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[54] **PROGRESSIVE SPECTACLE LENS, METHOD OF MANUFACTURING A PROGRESSIVE SPECTACLE LENS AND METHOD OF DESIGNING A PROGRESSIVE SPECTACLE LENS**
[54] **VERRE DE LUNETTES PROGRESSIF, PROCEDE DE FABRICATION D'UN VERRE DE LUNETTES PROGRESSIF ET PROCEDE DE CONCEPTION D'UN VERRE DE LUNETTES PROGRESSIF**
[72] VARNAS, SAULIUS, AU
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2019-01-08
[86] 2017-11-29 (PCT/EP2017/080886)
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[25] EN
[54] **APPARATUS AND METHOD FOR MAKING PLASTIC BAG**
[54] **APPAREIL ET METHODE DE FABRICATION DE SAC DE PLASTIQUE**
[72] TOTANI, MIKIO, JP
[73] TOTANI CORPORATION, JP
[85] 2019-01-11
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[25] EN
[54] **TRANSMITTING APPARATUS AND RECEIVING APPARATUS AND CONTROLLING METHOD THEREOF**
[54] **APPAREIL EMETTEUR, APPAREIL RECEPTEUR ET LEUR PROCEDE DE COMMANDE**
[72] BAE, JAE-HYEON, KR
[72] OH, YOUNG-HO, KR
[72] HWANG, SUNG-HEE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (3031265)
[87] (3031265)
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[54] **ACOUSTIC SLEEPER**
[54] **TRAVERSE ACOUSTIQUE**
[72] BATTAGLIA, PAUL, US
[73] STC ARCHITECTURAL PRODUCTS, LLC, US
[85] 2019-01-24
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[25] EN
[54] **METHODS AND SYSTEM FOR DEMAND-BASED CONTROL OF A COMBINATION BOILER**
[54] **PROCEDES ET SYSTEME DE COMMANDE BASEE SUR LA DEMANDE D'UNE CHAUDIERE SEMI-TUBULAIRE**
[72] GAGNE, CURTIS GEORGE, US
[73] LOCHINVAR, LLC, US
[85] 2019-01-24
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[87] (WO2018/052523)
[30] US (15/265,029) 2016-09-14

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[54] **SEMICONDUCTOR CAPACITOR**
[54] **CONDENSATEUR A SEMI-CONDUCTEUR**
[72] HAYAMI, YASUAKI, JP
[72] HAYASHI, TETSUYA, JP
[72] ZUSHI, YUSUKE, JP
[72] NI, WEI, JP
[72] OKUBO, AKINORI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **METHOD FOR MANUFACTURING HIGH-DENSITY WOOD LAMINATE MATERIAL**
[54] **METHODE DE FABRICATION DE MATERIAU LAMELLE EN BOIS HAUTE DENSITE**
[72] SUGIO, YASUSHI, JP
[72] NAGAOKA, KOJI, JP
[72] SAKAMOTO, KAZUKI, JP
[72] OSHIMA, KATSUHITO, JP
[73] DAIKEN CORPORATION, JP
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[25] EN
[54] **MANUALLY CONTROLLABLE LED CORRELATED COLOR TEMPERATURE LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A COULEUR CORRELEE DE DEL CONTROLABLE MANUELLEMENT**
[72] VAN WINKLE, GARY, US
[73] ETI SOLID STATE LIGHTING INC., US
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[22] 2018-03-15
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[25] EN
[54] **METHODS AND SYSTEMS OF AN ALL PURPOSE BROADBAND NETWORK**
[54] **PROCEDES ET SYSTEMES D'UN RESEAU LARGE BANDE TOUT USAGE**
[72] RUBIN, HARVEY, US
[72] BREWINGTON, JAMES KEITH, US
[72] SAWKAR, ANIL S., US
[72] POTICNY, DAVID M., US
[73] ALL PURPOSE NETWORKS, INC., US
[86] (3051624)
[87] (3051624)
[22] 2013-06-13
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[30] US (61/659,174) 2012-06-13
[30] US (13/667,424) 2012-11-02
[30] US (13/755,808) 2013-01-31
[30] US (13/860,711) 2013-04-11
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[25] EN
[54] **PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS**
[54] **PROCEDE DE LIXIVIATION DE SULFURES METALLIQUES AU MOYEN DE REACTIFS POSSEDANT DES GROUPES FONCTIONNELS THIOCARBONYLE**
[72] DIXON, DAVID, CA
[72] ASSELIN, EDOUARD, CA
[72] REN, ZIHE, CA
[72] MORA HUERTAS, NELSON, CA
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[54] **METHOD AND SYSTEM FOR COMPREHENSIVE EVALUATION OF ORGANIC COMPOUND AND HEAVY METAL POLLUTION IN WATER BASED ON FISH ELECTROCARDIO**
[54] **METHODE ET SYSTEME D'EVALUATION COMPLETE DE COMPOSE ORGANIQUE ET DE POLLUTION AU METAL LOURD DANS L'EAU A PARTIR D'ELECTROCARDIOGRAMME DE POISSON**
[72] REN, ZONGMING, CN
[72] REN, BAICHUAN, CN
[72] QIAO, LINLIN, CN
[72] REN, BAIXIANG, CN
[72] LIU, YUEDAN, CN
[73] SHANDONG NORMAL UNIVERSITY, CN
[73] JINAN BIOSENSOR INSTRUMENT CO., LTD., CN
[73] SOUTH CHINA INSTITUTE OF ENVIRONMENTAL SCIENCES.MEP, CN
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[54] **STATIC ELECTRIC INDUCTION APPARATUS COMPRISING A WINDING AND A SENSOR SYSTEM FOR MONITORING THE TEMPERATURE IN THE WINDING**
[54] **APPAREIL D'INDUCTION ELECTRIQUE STATIQUE COMPRENANT UN ENROULEMENT ET UN SYSTEME DE CAPTEUR PERMETTANT DE SURVEILLER LA TEMPERATURE DANS L'ENROULEMENT**
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[72] LANERYD, TOR, SE
[73] ABB SCHWEIZ AG, CH
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[54] **PICKUP REEL FOR A CROP HARVESTING HEADER**
[54] **RABATTEUR POUR TABLIER DE COUPE**
[72] HONEY, GLENN RAYMOND, CA
[72] HARPER, LEE GLENN, CA
[73] HONEY BEE MANUFACTURING LTD., CA
[86] (3060746)
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[54] **SELF-POSITION CORRECTION METHOD AND SELF-POSITION CORRECTION DEVICE FOR DRIVE-ASSISTED VEHICLE**
[54] **PROCEDE DE CORRECTION D'AUTO-POSITION ET DISPOSITIF DE CORRECTION D'AUTO-POSITION POUR VEHICULE ASSISTE POUR LA CONDUITE**
[72] NOJIRI, TAKAHIRO, JP
[72] SHINO, TATSUYA, JP
[72] DEGAWA, KATSUHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **SYSTEM AND METHOD FOR AUTONOMOUS HARVESTING OF MUSHROOMS**
[54] **SYSTEME ET PROCEDE DE RECOLTE AUTONOME DE CHAMPIGNONS**
[72] GLIBETIC, STEFAN, CA
[72] KUCHINSKIY, NIKITA, CA
[72] KERMANI, MEHRDAD, CA
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[54] **A METHOD TO OPERATE UNATTENDED MASSAGE CHAIR TO PROVIDE SERVICE TO PUBLIC**
[54] **PROCEDE POUR COMMANDER UNE CHAISE DE MASSAGE SANS SURVEILLANCE D`UTILITE PUBLIQUE**
[72] HUO, FEI, CA
[71] GAGAKE SPA TECHNOLOGY INC., CA
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[54] **BLACK SEED IS CURE FOR CANCER, AIDS, FLU VIRUS AND ANY OTHER VIRUS OR DISEASE IN BODY**
[54] **GRAINE NOIRE POUR LE TRAITEMENT DU CANCER, DU SIDA, DU VIRUS DE LA GRIPPE ET DE TOUT AUTRE VIRUS OU MALADIE DANS L`ORGANISME**
[72] KHAN, FAISAL, CA
[72] UNKNOWN, XX
[71] KHAN, FAISAL, CA
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[54] **A SYSTEM AND METHOD FOR BIDIRECTIONALLY BASED ELECTRICAL INFORMATION STORAGE, PROCESSING, AND COMMUNICATION**
[54] **SYSTEME ET PROCEDE DE STOCKAGE, DE TRAITEMENT ET DE TRANSMISSION DES RENSEIGNEMENTS ELECTRIQUES BIDIRECTIONNELS**
[72] MILLER, MITCHELL B., CA
[71] MILLER, MITCHELL B., CA
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[54] **UNITE DE PANNEAU ISOLE POUR ENVELOPPE DE BATIMENT**
[72] TRUDEAU, PHILIPPE, CA
[72] PETRY, PIERRE, CA
[72] GERMAIN, RICHARD, CA
[71] LES INDUSTRIES TEQNICOLOR INC., CA
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[54] **SEISMIC ANCHOR FOR CURTAIN WALLS**
[54] **ANCRAGE SISMIQUE POUR MURS-RIDEAUX**
[72] RICHARD, MICHAEL W., CA
[71] RICHARD, MICHAEL W., CA
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[54] **COIL SPRING MATTRESS CONSTRUCTION**
[54] **FABRICATION DE MATELAS A RESSORTS HELICOIDAUX**
[72] WARNER, BRADLEY, CA
[71] MARSHALL VENTILATED MATTRESS COMPANY LIMITED, CA
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[54] **COMPOSITIONS DE POUDRE SOLUBLE DANS L`EAU DESSECHEE PAR PULVERISATION ET LEURS METHODES DE TRANSFORMATION**
[72] HAYAG, MARIA BERNICE, CA
[72] LEIFSO, CURTIS RILEY, CA
[72] WONG, ANDREW DAVID, CA
[71] BIEN VENTURES LTD., CA
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[72] CLEMENT, PAUL RIEL, CA
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[54] **APPAREIL A STYLET RIGIDE AVEC ASPIRATION EN OPTION**
[72] CHEYNE, JOHN A., CA
[72] EDWORTHY, GILLIAN P., CA
[71] CHEYNE, JOHN A., CA
[71] EDWORTHY, GILLIAN P., CA
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[54] **REMOTE CONTROLLED LIGHTING APPARATUS**
[54] **APPAREIL D`ECLAIRAGE TELECOMMANDE**
[72] MORRAN, KEVIN A., CA
[71] MORRAN, KEVIN A., CA
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[54] **VALVE BLOCK FOR A PIGGABLE AND/OR SOLID-STATE CONDUCTING LINE SYSTEM AND DISTRIBUTION LINE SYSTEM**
[54] **DISTRIBUTEUR POUR SYSTEME DE CONDUIT A PISTON RACLEUR ET/OU A SEMICONDUCTEURS ET SYSTEME DE CANALISATION DE DISTRIBUTION**
[72] MIERTZ, MARCUS, DE
[72] MIERTZ, MICHAEL, DE
[72] RIEGLER, BERND, DE
[72] ORNOT, LEO, CH
[72] BITTERLI, BEAT, CH
[72] KAULBARSCH, RAINER, CH
[72] CONUS, LUCIEN, CH
[71] PFEIFFER CHEMIE-ARMATURENBAU GMBH, DE
[71] KERNKRAFTWERK GOSGEN-DANIKEN AG, CH
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[54] **CONCRETE FORM BRACE WITH MULTI-DEPTH REBAR POSITIONING**
[54] **CONTREVENTEMENT POUR COFFRAGE A BETON A POSITIONNEMENT DE BARRE D`ARMATURE A PROFONDEURS MULTIPLES**
[72] LAMM, DWIGHT, US
[72] BYLE, DARRYL, US
[71] STEP AHEAD TOOLS LLC, US
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[54] **ACTIONNEUR POUR AIGUILLE**
[72] HWONG, MATTHEW, CA
[71] HWONG, MATTHEW, CA
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[54] **DEVICE FOR AIRDROPPING HEAVY CARGO BY PARACHUTE TO SPECIFIC GEOGRAPHIC COORDINATES**
[54] **DISPOSITIF CONSISTANT A LIVRER DES CARGAISONS LOURDES PAR LARGAGE AERIEN PARACHUTE A DES COORDONNEES GEOGRAPHIQUES PRECISES**
[72] CLABAUX, JEAN, CA
[71] CLABAUX, JEAN, CA
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[54] **SUPPORT D`ECRAN DE CONTROLE**
[72] HANSEN, GEOFF, CA
[72] HANSEN, ADELE, CA
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[54] **SYSTEME POUR RECIPIENT REUTILISABLE**
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[54] **SYSTEM AND METHOD FOR CONTINUOUS PARTICLES SEPARATION**
[54] **SYSTEME ET METHODE POUR UNE SEPARATION CONTINUE DES PARTICULES**
[72] WANG, YUHENG, CA
[71] WANG, YUHENG, CA
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[25] EN
[54] **A SYSTEM FOR PROVIDING NUTRIENTS TO PLANTLETS**
[54] **SYSTEME POUR FOURNIR DES NUTRIMENTS A DES PLANTULES**
[72] TURPIN, KENNETH A., CA
[71] GLOBAL TREEGRO INC., CA
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[54] **BANDE DE LUMIERE DEL**
[72] LI, XIAOPING, CN
[71] GUANGDONG OML TECHNOLOGY CO., LTD, CN
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[72] CZAKO, LASZLO, CA
[72] CZAKO, JOHN, CA
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[54] **REPARATION DE FUITE DE FLUIDES**
[72] HUTT, BRUCE, GB
[71] ENDURATEC LTD., GB
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[54] **POLYMER INSULATED THERMOCOUPLE BUNDLES**
[54] **FAISCEAUX DE THERMOCOUPLES A ISOLANT DE POLYMERE**
[72] MELNYCHUK, MICHAEL, CA
[71] PRECISE DOWNHOLE SERVICES LTD., CA
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[54] **COMPUTER ANIMATION METHODS AND SYSTEMS**
[54] **METHODES ET SYSTEMES D`ANIMATION PAR ORDINATEUR**
[72] GAGNE, JONATHAN, CA
[72] BROWN, CHARLOTTE, CA
[72] LAI, PO KONG, CA
[71] GAGNE, JONATHAN, CA
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[54] **FUEL SUPPLY CAN ADAPTER**
[54] **ADAPTATEUR POUR JERRYCAN**
[72] BRENT, STEVEN G., CA
[71] BRENT, STEVEN G., CA
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[54] **DRY BLEND PRE-FLUSH AND SPACER PACKAGE AND METHOD FOR MIXING A PRE-FLUSH AND SPACER FOR ON-THE-FLY USE IN A SUBTERRANEAN WELL**
[54] **ENSEMBLE DE PRERINCAGE ET DE SEPARATEUR DE MELANGE A SEC ET PROCEDE DE MELANGE D`UN PRERINCAGE ET D`UN SEPARATEUR POUR UTILISATION A LA VOLEE DANS UN PUITS SOUTERRAIN**
[72] TAYLOR, JARED, CA
[72] IREMONGER, SIMON, CA
[71] SANJEL ENERGY SERVICES INC., CA
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[54] **CHALK-BASED PIGMENT SPRAY FOR MARKING TREE SEEDLINGS**
[54] **PULVERISATEUR DE PIGMENT DE PASTEL POUR MARQUER LES SEMIS**
[72] JOHNSTON, RICHARD ALLEN, CA
[71] JOHNSTON, RICHARD ALLEN, CA
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[54] **DYNAMIC AND CRYPTOGRAPHICALLY SECURE AUGMENTATION OF PROGRAMMATICALLY ESTABLISHED CHATBOT SESSIONS**
[54] **AUGMENTATION SECURITAIRE CARTOGRAPHIQUE ET DYNAMIQUE DE SEANCES DE ROBOT CONVERSATIONNEL PAR PROGRAMMATION**
[72] MOON, TAE GYUN, CA
[72] MCCARTER, ROBERT ALEXANDER, CA
[72] ROBERTS, KHEIVER KAYODE, CA
[71] THE TORONTO-DOMINION BANK, CA
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[54] **INTELLIGENT AIRSENSE LUGGAGE**
[54] **BAGAGE AIRSENSE INTELLIGENT**
[72] KINGSLY, NKENG, CA
[71] KINGSLY, NKENG, CA
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[54] **COLLISION AVOIDANCE SYSTEM FOR OFF-ROAD VEHICLES**
[54] **SYSTEME ANTICOLLISION POUR VEHICULES HORS ROUTE**
[72] GAGNON, DENIS, CA
[72] DUBE, ERIC, CA
[71] ENASI INDUSTRIES INC., CA
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[25] EN
[54] **MILLABLE, RECYCLABLE, WATERPROOFING, PAVING FABRIC INTERLAYER SYSTEM AND METHOD OF USE**
[54] **SYSTEME PAR COUCHE INTERMEDIAIRE D`UN TEXTILE DE PAVAGE ETANCHE, RECYCLABLE ET FACILE A FRAISER, ET METHODE D`UTILISATION**
[72] MARIENFELD, MARK LEE, US
[72] NICHOLS, NOAH JOHN, US
[72] RADER, GREGORY HARDING, US
[71] PROPEX OPERATING COMPANY, LLC, US
[22] 2019-02-27
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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING LOCATION-BASED APPOINTMENT OPERATIONS**
[54] **SYSTEME ET METHODE POUR FOURNIR DES OPERATIONS PAR RENDEZ-VOUS SELON L`EMPLACEMENT**
[72] NAVARRO, MIGUEL, CA
[72] SUTTER, LEVI, CA
[72] GIDDINS, APARICIO, JR., CA
[71] THE TORONTO-DOMINION BANK, CA
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[51] **Int.Cl. H04W 4/35 (2018.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTELY PROCESSING APPLICATIONS BASED ON AN ASSOCIATED PHYSICAL ITEM**
[54] **SYSTEME ET METHODE POUR TRAITER A DISTANCE LES APPLICATIONS D`APRES UN ELEMENT PHYSIQUE ASSOCIE**
[72] NAVARRO, MIGUEL, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-03-08
[41] 2020-07-25
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[25] EN
[54] **DOUBLE LOAD INSTRUCTION**
[54] **DIRECTIVE DE DOUBLE CHARGE**
[72] ALEXANDER, ALAN GRAHAM, GB
[72] KNOWLES, SIMON CHRISTIAN, GB
[72] GORE, MRUDULA, GB
[71] GRAPHCORE LIMITED, GB
[22] 2019-04-23
[41] 2020-07-22
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[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCING TRICHOME FORMATION AND DENSITY IN CANABIS**
[54] **SYSTEMES ET METHODES POUR AMELIORER LA FORMATION ET LA DENSITE DES TRICHOMES DANS LE CANNABIS**
[72] SAYRE, RICHARD, US
[72] SOTO-AGUILAR, MARIA, US
[72] ZIDENGA, TAWANDA, US
[72] GONCALVES, ELTON CARVALHO, US
[71] TRAIT BIOSCIENCES, INC., US
[22] 2019-07-19
[41] 2020-07-24
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[51] **Int.Cl. B23P 15/28 (2006.01) B21D 28/34 (2006.01) B23H 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING SOCKET PUNCHES**
[54] **METHODE DE FABRICATION DE POINCONS DE PRISE**
[72] EGGERT, DANIEL M., US
[72] WENTE, STEVEN R., US
[72] MCGREAL, DAVID G., US
[72] ARENDT, JEFFREY M., US
[71] SNAP-ON INCORPORATED, US
[22] 2019-08-15
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[51] **Int.Cl. G01D 5/26 (2006.01)**
[25] EN
[54] **INDUCTIVE OPTICAL ROTARY SENSOR**
[54] **CAPTEUR ROTATIF OPTIQUE INDUCTIF**
[72] BOUCHET, ARNAUD, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2019-08-28
[41] 2020-07-25
[30] EP (19290007.4) 2019-01-25

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[51] **Int.Cl. A45D 34/00 (2006.01) A24D 1/14 (2006.01) A24F 23/00 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **CONSUMABLE PACKAGE FOR COMBUSTIBLE PLANT-BASED MATERIAL**
[54] **ENSEMBLE CONSOMMABLE POUR MATERIAU A BASE DE VEGETAUX INFLAMMABLE**
[72] WINTER, CLINT R., US
[71] CALLECTIONS LLC, US
[22] 2019-08-28
[41] 2020-07-22
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[25] EN
[54] **DETACHABLE STRAW**
[54] **PAILLE DETACHABLE**
[72] WANG, CHI-CHUNG, CN
[71] WANG, CHI-CHUNG, CN
[22] 2019-10-01
[41] 2020-07-25
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[25] FR
[54] **DEVICE FOR APPLYING MOULD RELEASES FOR EQUIPMENT USED IN MANUFACTURING MOULDED PARTS**
[54] **DISPOSITIF DE DEPOSE DE PRODUITS DEMOULANT POUR OUTILLAGES SERVANT A LA FABRICATION DE PIECES MOULEES**
[72] INCONNU, XX
[71] GARCIA, HONORE H., FR
[22] 2019-10-03
[41] 2020-07-23
[30] FR (FR1900589) 2019-01-23

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[51] **Int.Cl. E04B 1/94 (2006.01)**
[25] EN
[54] **WALL JOINT FIRE OR SOUND BLOCK COMPONENT AND RELATED WALL ASSEMBLIES**
[54] **COMPOSANTS DE BLOCAGE D`INCENDIE OU DE BRUIT DU JOINT DU MUR ET SYSTEMES MURAUX CONNEXES**
[72] PILZ, DONALD ANTHONY, US
[71] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
[22] 2019-10-16
[41] 2020-07-24
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[25] EN
[54] **TRANSACTION FRAUD PREVENTION TOOL**
[54] **OUTIL DE PREVENTION DE LA FRAUDE PAR TRANSACTIONS**
[72] JACKSON, JOHN TALBERT, US
[72] BAKER, GENE C., JR., US
[72] GRAFF, JON T., US
[72] BREUNIG, CHAD OTTO, US
[72] BELL, KEVIN W., US
[72] SUEN, DARRELL LEE, US
[71] THE TORONTO-DOMINION BANK, CA
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[51] **Int.Cl. H04M 3/523 (2006.01) G10L 13/00 (2006.01) G10L 15/22 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **INTELLIGENT SPEECH-ENABLED SCRIPTING**
[54] **SCRIPTAGE DE RECONNAISSANCE VOCALE INTELLIGENTE**
[72] CURTIN, THOMAS V., US
[72] AIKEN, ALENA L., US
[72] BEALE, KEVIN MARK, US
[72] WALDNER, WAYNE PAUL, US
[72] CROPP, DANIEL R., US
[72] TUCKER, ALAN D., US
[71] AMERICAN-TEL-A-SYSTEMS, INC., US
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[41] 2020-07-25
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **ALLOCATION SYSTEM FOR SUBORDINATE**
[54] **SYSTEME D`ATTRIBUTION POUR SUBORDONNE**
[72] NAKAMURA, KAZUTO, JP
[71] NAKAMURA, KAZUTO, JP
[22] 2019-10-29
[41] 2020-07-25
[30] JP (2019-011238) 2019-01-25

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[13] A1
[51] **Int.Cl. E01B 35/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CALCULATING PLATE CUT AND RAIL SEAT ABRASION BASED ON MEASUREMENTS ONLY OF RAIL HEAD ELEVATION AND CROSSTIE SURFACE ELEVATION**
[54] **APPAREIL ET METHODE POUR CALCULER LA COUPE DE SELLE ET L`ABRASION D`APPUI DE RAIL EN FONCTION DE SEULEMENT DES MESURES DE L`ELEVATION DE LA TETE DE LIGNE ET DE L`ELEVATION DE SURFACE DE LA TRAVERSE**
[72] MESHER, DAREL, CA
[71] TETRA TECH, INC., US
[22] 2019-11-22
[41] 2020-07-24
[30] CA (3031280) 2019-01-24

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[51] **Int.Cl. B29C 64/124 (2017.01) B29C 64/20 (2017.01)**
[25] EN
[54] **STEREOLITHOGRAPHY DEVICE**
[54] **APPAREIL DE STEREOLITHOGRAPHIE**
[72] JOHN, ZENO, LI
[72] BONDERER, LORENZ JOSEF, CH
[71] IVOCLAR VIVADENT AG, LI
[22] 2019-12-18
[41] 2020-07-24
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[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/05 (2006.01) A47C 27/15 (2006.01) A47C 27/18 (2006.01) A47C 27/20 (2006.01)**
[25] EN
[54] **MATTRESS COMPRISING SUPPORT LAYER COMPRISING A CURVED CHANNEL**
[54] **MATELAS COMPRENANT UNE COUCHE DE SOUTIEN COMPRENANT UN CANAL INCURVE**
[72] MICKLOS, JOSH, US
[71] SINOMAX USA, INC., US
[22] 2019-12-18
[41] 2020-07-23
[30] US (62/795997) 2019-01-23

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[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) B64D 11/04 (2006.01) B64D 41/00 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **POWER LIMITATION FOR A GALLEY**
[54]
[72] FISCHER, ERIK, DE
[72] SPAH, JURGEN, DE
[71] DIEHL AEROSPACE GMBH, DE
[22] 2019-12-19
[41] 2020-07-25
[30] DE (102019000536.8) 2019-01-25

[21] **3,066,603**
[13] A1
[51] **Int.Cl. E06B 3/04 (2006.01) E06B 7/16 (2006.01)**
[25] EN
[54] **FENESTRATION FRAME WITH GLAZING STOP**
[54] **CADRE DE FENETRAGE AVEC PARCLOSE**
[72] LEATHERS, TODD M., US
[72] PARR, JEREMY, US
[72] EISENBARTH, TRAVIS M., US
[71] PELLA CORPORATION, US
[22] 2020-01-06
[41] 2020-07-22
[30] US (62/795,393) 2019-01-22

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[13] A1
[51] **Int.Cl. E01C 23/01 (2006.01) G01B 11/245 (2006.01)**
[25] EN
[54] **HIGH SPEED STEREOSCOPIC PAVEMENT SURFACE SCANNING SYSTEM AND METHOD**
[54]
[72] ANNOVI, ANDREA, CA
[72] FECHNEY, RYAN, CA
[72] YENKANCHI, SASHIBUSHAN, CA
[72] LOWE, DAVID, CA
[72] SHAH, HITESH, CA
[72] SIVAKUMAR, PRASANNA KUMAR, CA
[72] SINGH, ISHAR PRATAP, CA
[72] GALCHINSKY, MIROSLAVA, CA
[71] FUGRO ROADWARE INC., CA
[22] 2020-01-03
[41] 2020-07-25
[30] US (16/257,384) 2019-01-25

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[13] A1
[51] **Int.Cl. H04W 12/10 (2009.01) H04W 12/02 (2009.01) H04W 12/06 (2009.01) G08G 1/09 (2006.01) H04W 4/44 (2018.01) H04W 4/46 (2018.01)**
[25] EN
[54] **METHOD FOR ISSUING AUTHORISATION TICKETS IN AN INTELLIGENT TRANSPORT SYSTEM**
[54]
[72] TIJINK, JASJA, AT
[72] GUNER, REFI-TUGRUL, AT
[71] KAPSCH TRAFFICCOM AG, AT
[22] 2020-01-08
[41] 2020-07-25
[30] EP (19 153 722.4) 2019-01-25

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[13] A1
[51] **Int.Cl. G03B 17/00 (2006.01) G01M 1/32 (2006.01)**
[25] EN
[54] **PHOTOGRAPHIC PAYLOAD AUGMENTATION DEVICE AND METHOD OF USING SAME**
[54]
[72] MILLER, ZACHARY, US
[71] STABILENS, LLC, US
[22] 2020-01-06
[41] 2020-07-25
[30] US (62/796,643) 2019-01-25
[30] US (16/579,171) 2019-09-23

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[51] **Int.Cl. F24F 11/30 (2018.01) F24D 19/10 (2006.01) F25B 45/00 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PUMPING DOWN FLAMMABLE REFRIGERANT**
[54] **SYSTEMES ET METHODES POUR POMPER LES REFRIGERANTS INFLAMMABLES**
[72] CRAWFORD, CARL T., US
[72] GOKHALE, UMESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2020-01-13
[41] 2020-07-24
[30] US (16/256,319) 2019-01-24

[21] **3,067,754**
[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) G01V 3/165 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MOBILE DEVICE DUAL STREAM LOCALIZATION IN A MAGNETIC DISTORTION REGION**
[54]
[72] HUBERMAN, SEAN, CA
[72] OHAB, HENRY L., CA
[71] MAPSTED CORP., CA
[22] 2020-01-13
[41] 2020-07-25
[30] US (16/257469) 2019-01-25

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[13] A1
[51] **Int.Cl. H04W 64/00 (2009.01) G01R 33/10 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DEPLOYING CROWD-SOURCED MAGNETIC DISTORTION REJECTION MAP**
[54]
[72] HUBERMAN, SEAN, CA
[71] MAPSTED CORP., CA
[22] 2020-01-13
[41] 2020-07-25
[30] US (16/257456) 2019-01-25

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[51] **Int.Cl. B61L 29/00 (2006.01) B61L 27/04 (2006.01)**
[25] EN
[54] **LINE SECTION FOR MIXED OPERATION WITH AND WITHOUT A TRAIN PROTECTION SYSTEM, AND OPERATING METHOD**
[54] **SECTION DE LIGNE POUR OPERATION MIXTE AVEC ET SANS SYSTEME DE PROTECTION D`ENTRAINEMENT, ET METHODE D`EXPLOITATION**
[72] HAMMERL, MALTE, DE
[72] KOHLRUSS, JACOB JOHANNES, DE
[71] SIEMENS MOBILITY GMBH, DE
[22] 2020-01-14
[41] 2020-07-24
[30] DE (10 2019 200 887.9) 2019-01-24

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[51] **Int.Cl. E01H 5/09 (2006.01) E01H 5/02 (2006.01)**
[25] EN
[54] **MOTORIZED SNOW SHOVELS**
[54] **PELLE A NEIGE MOTORISEE**
[72] PATRICK, DREW, US
[72] GREEN, DANIEL, US
[72] O'BRIEN, WILLIAM, US
[71] TECHTRONIC CORDLESS GP, US
[22] 2020-01-13
[41] 2020-07-22
[30] US (62/795,253) 2019-01-22

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[13] A1
[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS WITH INTEGRATED SWITCH FOR CONTROLLED SHORT CIRCUIT WELDING PROCESSES**
[54] **SYSTEMES ET METHODES AVEC INTERRUPTEUR INTEGRE POUR LES PROCEDES DE SOUDAGE PAR COURT-CIRCUITAGE CONTROLE**
[72] HUTCHISON, RICHARD M., US
[72] ANDERS, ADAM E., US
[72] BROCK, MAXWELL B., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2020-01-15
[41] 2020-07-24
[30] US (62/796,342) 2019-01-24
[30] US (16/737,636) 2020-01-08

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[51] **Int.Cl. F21V 17/00 (2006.01) H01R 12/53 (2011.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21K 9/69 (2016.01) A01G 9/20 (2006.01) F21V 15/01 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR IMPROVED INSTALLATION AND METHOD OF USE**
[54] **ASSEMBLAGE POUR INSTALLATION AMELIOREE ET METHODE D`UTILISATION**
[72] LAUCK, GERALD, US
[72] NATHANS, RICKY, US
[71] LIGHTING SOLUTIONS GROUP LLC, US
[22] 2020-01-15
[41] 2020-07-23
[30] US (62/795,656) 2019-01-23

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[13] A1
[51] **Int.Cl. F23M 5/00 (2006.01) F23G 7/04 (2006.01) F23M 5/08 (2006.01) F27D 1/10 (2006.01) F27D 1/12 (2006.01) F27D 1/16 (2006.01)**
[25] EN
[54] **FURNACE FLOOR PROTECTION IN RECOVERY BOILERS**
[54] **PROTECTION DU FOND DU FOUR DANS LES CHAUDIERES DE RECUPERATION**
[72] KARJUNEN, TIMO, FI
[71] VARO TEOLLISUUSPALVELUT OY, FI
[22] 2020-01-16
[41] 2020-07-22
[30] FI (20196059) 2019-12-05
[30] FI (PCT/FI2019/050048) 2019-01-22

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[51] **Int.Cl. F23M 5/00 (2006.01) F23G 7/04 (2006.01) F23M 5/08 (2006.01) F27D 1/10 (2006.01) F27D 1/12 (2006.01) F27D 1/16 (2006.01)**
[25] EN
[54] **FURNACE FLOOR PROTECTION IN RECOVERY BOILERS**
[54] **PROTECTION DU FOND DU FOUR DANS LES CHAUDIERES DE RECUPERATION**
[72] KARJUNEN, TIMO, FI
[71] VARO TEOLLISUUSPALVELUT OY, FI
[22] 2020-01-16
[41] 2020-07-22
[30] FI (20196058) 2019-12-05
[30] FI (PCT/FI2019/050047) 2019-01-22

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[51] **Int.Cl. F25B 49/02 (2006.01) F24F 11/62 (2018.01) F25B 40/02 (2006.01)**
[25] EN
[54] **SELF-OPTIMIZING SUBCOOLER CONTROL**
[54]
[72] HJORTLAND, ANDREW, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2020-01-16
[41] 2020-07-25
[30] US (16/257,880) 2019-01-25

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[13] A1
[51] **Int.Cl. F24F 11/30 (2018.01) F24D 19/10 (2006.01) F25B 45/00 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PUMPING DOWN FLAMMABLE REFRIGERANT**
[54] **SYSTEMES ET METHODES POUR POMPER LES REFRIGERANTS INFLAMMABLES**
[72] CRAWFORD, CARL T., US
[72] GOKHALE, UMESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2020-01-15
[41] 2020-07-24
[30] US (16/256,378) 2019-01-24

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[13] A1
[51] **Int.Cl. A47G 29/124 (2006.01) A47G 29/20 (2006.01) B65D 85/00 (2006.01) E05B 65/52 (2006.01)**
[25] EN
[54] **SECURE CONTAINER FOR RECEIVING AND PREVENTING UNAUTHORIZED ACCESS TO ARTICLES**
[54] **CONTENANT SECURISE POUR RECEVOIR ET PREVENIR UN ACCES NON AUTORISE AUX ARTICLES**
[72] KAECHELE, DARRYL REED, CA
[71] KAECHELE, DARRYL REED, CA
[22] 2020-01-17
[41] 2020-07-24
[30] US (62/796,285) 2019-01-24

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[13] A1
[51] **Int.Cl. A01D 34/416 (2006.01)**
[25] EN
[54] **TRIMMER HEAD ASSEMBLY FOR A TRIMMER**
[54]
[72] NOLIN, J. ERIC, US
[72] HOFFMAN, RONALD J., US
[72] SCHMIDT, ANDREW M., US
[72] VORA, FAHAD T., US
[71] TECHTRONIC CORDLESS GP, US
[22] 2020-01-16
[41] 2020-07-25
[30] US (62/796,755) 2019-01-25

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[13] A1
[51] **Int.Cl. A47J 36/06 (2006.01) A47J 27/00 (2006.01) A47J 37/12 (2006.01)**
[25] EN
[54] **AIR FRYER**
[54] **FRITEUSE A AIR CHAUD**
[72] HAN, YUDE, CN
[72] LI, HUAFENG, CN
[72] QIN, YI, CA
[71] INSTANT BRANDS INC., CA
[22] 2020-01-20
[41] 2020-07-21
[30] CN (CN 201910052925.3) 2019-01-21
[30] CN (CN 201911269680.6) 2019-12-11

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[51] **Int.Cl. G06N 20/00 (2019.01) G06F 17/10 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TIME-DEPENDNET MACHINE LEARNING ARCHITECTURE**
[54] **SYSTEME ET METHODE POUR ARCHITECTURE D`APPRENTISSAGE AUTOMATIQUE EN FONCTION DU TEMPS**
[72] RAMANAN, JANAHAN MATHURAN, CA
[72] SAHOTA, JASPREET, CA
[72] GOEL, RISHAB, CA
[72] EGHBALI, SEPEHR, CA
[72] KAZEMI, SEYED MEHRAN, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-01-18
[41] 2020-07-23
[30] US (62/795,846) 2019-01-23

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[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01)**
[25] EN
[54] **AIR FRYER**
[54] **FRITEUSE A AIR CHAUD**
[72] HAN, YUDE, CN
[72] LI, HUAFENG, CN
[72] QIN, YI, CA
[71] INSTANT BRANDS INC., CA
[22] 2020-01-20
[41] 2020-07-21
[30] CN (CN 201910052925.3) 2019-01-21
[30] CN (CN 201911268481.3) 2019-12-11

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[51] **Int.Cl. G01B 5/24 (2006.01) B23D 59/00 (2006.01)**
[25] EN
[54] **ANGLE DIVIDER FOR MITER SAW**
[54] **SEPARATEUR D`ANGLE POUR SCIE A ONGLETS**
[72] URSELL, MIKE, US
[72] URSELL, CONNOR, US
[72] NEILSON, KEN, US
[71] AFFINITY TOOL WORKS, LLC, US
[22] 2020-01-21
[41] 2020-07-21
[30] US (16/253,125) 2019-01-21

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[13] A1
[51] **Int.Cl. E04H 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MODULAR HOUSING AND MODULAR HOUSING UNITS**
[54] **SYSTEMES ET METHODES POUR LOGEMENTS MODULAIRES ET UNITES D`HABITATION MODULAIRES**
[72] GRADA, OVIDIU, CA
[72] DUMITRU, RAZVAN EUGEN, CA
[71] GRADA, OVIDIU, CA
[71] DUMITRU, RAZVAN EUGEN, CA
[22] 2020-01-21
[41] 2020-07-24
[30] US (62/796,116) 2019-01-24

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[25] EN
[54] **DC TRACTION SUB-STATION FOR SUPPLYING AT LEAST ONE VEHICLE**
[54] **SOUS-STATION DE TRACTION A COURANT CONTINU POUR ALIMENTER AU MOINS UN VEHICULE**
[72] SOEFFKER, CARSTEN, DE
[72] HOFSTAEDTER, RAPHAEL, DE
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2020-01-17
[41] 2020-07-23
[30] EP (19 305 088.7) 2019-01-23

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[54] **SCAVENGE PUMP**
[54] **POMPE DE RECUPERATION**
[72] ALECU, DANIEL, CA
[72] CUTRARA, SAM, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-17
[41] 2020-07-23
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[51] **Int.Cl. F41C 9/08 (2006.01) F41A 9/38 (2006.01) F41A 15/00 (2006.01)**
[25] EN
[54] **MUZZLELOADER WITH GAS POWERED EJECTION**
[54] **ARME A CHARGEMENT PAR LA BOUCHE AVEC EJECTION DE GAZ**
[72] PETERSON, BRYAN P., US
[72] GOODLIN, DREW L., US
[71] VISTA OUTDOOR OPERATIONS LLC, US
[22] 2020-01-20
[41] 2020-07-20
[30] US (62/794,700) 2019-01-20

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[51] **Int.Cl. C09K 11/07 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **ULTRA-SENSITIVE CHEMILUMINESCENT SUBSTRATES FOR PEROXIDASE**
[54] **SUBSTRATS CHEMILUMINESCENTS ULTRASENSIBLES POUR PEROXYDASES**
[72] DELLA CIANA, LEOPOLDO, IT
[72] BIAGINI, LORENZO, IT
[72] JANSEN, THOMAS PAUL, IT
[72] PERCIACCANTE, ROSSANA, IT
[72] VARGIOLU, MANUELA, IT
[72] VETTRAINO, MARINA ELEONORA, IT
[71] CYANAGEN S.R.L., IT
[22] 2020-01-17
[41] 2020-07-22
[30] IT (102019000000959) 2019-01-22

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[54] **PIPE CLAMP**
[54] **COLLIER DE SERRAGE**
[72] ZHANG, KAI, US
[72] JINDRA, JOHN, US
[72] HEIPP, SHAWN, US
[71] OATEY CO., US
[22] 2020-01-20
[41] 2020-07-22
[30] US (62/795210) 2019-01-22
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[51] **Int.Cl. G06Q 50/08 (2012.01) G06Q 10/06 (2012.01) G06F 30/00 (2020.01)**
[25] EN
[54] **CONSTRUCTION SPECIFICATION GENERATION**
[54] **PRODUCTION DES SPECIFICATIONS DE CONSTRUCTION**
[72] STUTZMAN, DAVID, US
[71] STUTZMAN, DAVID, US
[22] 2020-01-21
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[25] EN
[54] **MULTI-LAYER MATTRESS**
[54] **MATELAS MULTICOUCHE**
[72] MICKLOS, JOSH, US
[71] SINOMAX USA, INC., US
[22] 2020-01-21
[41] 2020-07-23
[30] US (16/255,758) 2019-01-23
[30] US (16/693,091) 2019-11-22

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[51] **Int.Cl. B60B 35/00 (2006.01) B60K 17/04 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR MOUNTING A WHEEL TO A PORTAL GEAR BOX OF AN OFF-ROAD VEHICLE**
[54] **ENSEMBLE POUR MONTER UNE ROUE SUR UNE BOITE DE VITESSES D`UN VEHICULE HORS ROUTE**
[72] STEPHAN, JORDAN E., US
[72] EATON, JUSTIN, US
[71] SUPER ATV, LLC, US
[22] 2020-01-21
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[30] US (62/794764) 2019-01-21

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[25] EN
[54] **EDDY CURRENT PROBE**
[54] **SONDE DE COURANT DE FOUCAULT**
[72] O'DELL, TOM, US
[71] ZETEC, INC., US
[22] 2020-01-20
[41] 2020-07-22
[30] US (62/795,296) 2019-01-22

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[51] **Int.Cl. E04H 15/02 (2006.01) A63F 9/24 (2006.01) E04F 10/02 (2006.01)**
[25] EN
[54] **INTEGRATED SHADE-PROVIDING STRUCTURE AND ELECTRONIC GAME**
[54] **STRUCTURE D`OMBRAGE INTEGREE ET JEU ELECTRONIQUE**
[72] ZANOT, CHRISTOPHER JOHN, US
[72] RAMPLEY, TOMMY LEE, US
[72] REEVES, DAVID PAUL, US
[71] SUPERIOR INTERNATIONAL INDUSTRIES, INC., US
[22] 2020-01-21
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[25] EN
[54] **PACKAGE FOR SEQUENTIALLY DISPERSING ADMIXTURES IN CONCRETE**
[54] **ENSEMBLE POUR DISPERSER SEQUENTIELLEMENT LES ADJUVANTS DANS LE BETON**
[72] RESCATE, CHRISTIAN, US
[71] NYCON CORPORATION, US
[22] 2020-01-21
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[30] US (16/255,036) 2019-01-23

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[25] EN
[54] **PEA VARIETY SV0962QB**
[54] **VARIETE DE POIS SV0962QB**
[72] PLOUY, ALEXIS J., US
[71] SEMINIS VEGETABLE SEEDS, INC., US
[22] 2020-01-21
[41] 2020-07-24
[30] US (16/256,445) 2019-01-24

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[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/18 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **ANTI-CAVITATION DEVICE FOR OIL DAMPERS**
[54] **DISPOSITIF ANTI-CAVITATION POUR CLAPET D`ETRANGLEMENT A HUILE**
[72] LITALIEN, CHARLES, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-20
[41] 2020-07-21
[30] US (16/252,911) 2019-01-21

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[13] A1
[25] EN
[54] **EXHAUST EXTRACTION SYSTEM**
[54] **SYSTEME D`EXTRACTION D`ECHAPPEMENT**
[72] PANKHURST, STEVEN L., CA
[71] PANKHURST MECHANICAL COMPANY LTD., CA
[22] 2020-01-22
[41] 2020-07-23
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[51] **Int.Cl. A47C 9/06 (2006.01)**
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[54] **BODY SUPPORT**
[54] **SOUTIEN CORPOREL**
[72] HERMAN, CRAIG, CA
[71] ERGOTECH SOLUTIONS INC., CA
[22] 2020-01-22
[41] 2020-07-22
[30] US (62/795,129) 2019-01-22
[30] US (62/879,560) 2019-07-29
[30] US (62/942,975) 2019-12-03

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[25] EN
[54] **GAS TURBINE ENGINE WITH POWER TURBINE DRIVEN BOOST COMPRESSOR**
[54] **TURBINE A GAZ AVEC COMPRESSEUR A LA TURBINE DE PUISSANCE**
[72] MENHEERE, DAVID, CA
[72] REDFORD, TIMOTHY, CA
[72] VAN DEN ENDE, DANIEL, CA
[72] CHIAPPETTA, SANTO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[41] 2020-07-24
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[51] **Int.Cl. H02G 3/04 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01) F16L 3/23 (2006.01) H01R 9/00 (2006.01) H02G 3/30 (2006.01)**
[25] EN
[54] **SYSTEM OF HARNESS AND ENGINE CASE FOR AIRCRAFT ENGINE**
[54] **SYSTEME DE HARNAIS ET DE CARTER MOTEUR POUR MOTEUR D`AERONEF**
[72] YOUSSEF, MICHAEL, CA
[72] BASSE, OLIVIER, CA
[72] DUKE, BRANT, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-21
[41] 2020-07-23
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[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/14 (2006.01) F01D 5/20 (2006.01)**
[25] EN
[54] **BLADE TIP POCKET RIB**
[54] **NERVURE DE POCHETTE DE BOUT D`AILETTE DE TURBINE**
[72] PARADIS, VINCENT, CA
[72] LEGHZAOUNI, OTHMANE, CA
[72] FEKR, MASOUD ROSAN, CA
[72] MAILLOUX-LABROUSSE, MARC-ANTOINE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-21
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[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/05 (2006.01) A47C 27/15 (2006.01) A47C 27/18 (2006.01) A47C 27/20 (2006.01)**
[25] EN
[54] **MATTRESS COMPRISING A PLURALITY OF TUBULAR FOAM SPRINGS IN ONE OR MORE SIDE-TO-SIDE CHANNELS**
[54] **MATELAS COMPRENANT PLUSIEURS RESSORTS TUBULAIRES DANS UN OU PLUSIEURS CANAUX COTE-A-COTE**
[72] MICKLOS, JOSH, US
[71] SINOMAX USA, INC., US
[22] 2020-01-22
[41] 2020-07-24
[30] US (16/256,767) 2019-01-24
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[25] EN
[54] **MULTIFUNCTIONAL AGRICULTURAL ADJUVANT COMPOSITIONS**
[54] **COMPOSITIONS D`ADJUVANTS AGRICOLES MULTIFONCTIONNELLES**
[72] COLBY, CHRISTINE M., US
[72] BROWN, DANNY M., US
[72] ALONZI, ELIZABETH, US
[71] WINDFIELD SOLUTIONS, LLC, US
[22] 2020-01-22
[41] 2020-07-24
[30] US (62/796236) 2019-01-24

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[13] A1
[51] **Int.Cl. E05F 15/77 (2015.01) H04B 17/318 (2015.01) H04W 4/021 (2018.01) H04W 4/80 (2018.01) G08C 17/02 (2006.01) G08C 23/04 (2006.01)**
[25] EN
[54] **MOVABLE BARRIER IMMINENT MOTION NOTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE NOTIFICATION DE MOUVEMENT IMMINENT POUR BARRIERE MOBILE**
[72] CATE, CASPARUS, US
[72] FARBER, JORDAN ARI, US
[72] FITZGIBBON, JAMES J., US
[72] KOPP, NATHAN J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2020-01-22
[41] 2020-07-24
[30] US (16/257,045) 2019-01-24
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[51] **Int.Cl. G06N 20/00 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TREE-BASED MACHINE LEARNING**
[54] **SYSTEME ET METHODE POUR APPRENTISSAGE AUTOMATIQUE FONDE SUR L`ARBORESCENCE**
[72] XIAO, CHENJUN, CA
[72] HUANG, RUITONG, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-01-23
[41] 2020-07-23
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[51] **Int.Cl. E05B 65/46 (2017.01)**
[25] EN
[54] **ELECTRONIC RIM CYLINDER CABINET DOOR AND DRAWER LOCK**
[54] **VERROU DE TIROIR ET DE PORTE DE CABINET AVEC CYLINDRE POUR SERRURE EN APPLIQUE ELECTRONIQUE**
[72] HANSON, CARLTON E., US
[71] FRANK J. MARTIN COMPANY, US
[22] 2020-01-21
[41] 2020-07-22
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[25] EN
[54] **SWEET CORN HYBRID SVSB6384 AND PARENTS THEREOF**
[54] **MAIS DOUX HYBRIDE SVSB6384 ET PARENTS**
[72] HELLEWELL, KENDELL B., US
[71] SEMINIS VEGETABLE SEEDS, INC., US
[22] 2020-01-22
[41] 2020-07-24
[30] US (16/256,332) 2019-01-24

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **CLASS II BINGO GAMING SYSTEM WITH PERSISTENT ELEMENTS**
[54] **SYSTEME DE JEU BINGO DE CATEGORIE II AVEC ELEMENTS PERSISTANTS**
[72] LUCIANO, CYRUS, US
[72] EYTCHISON, JONATHAN, US
[72] DYE, MICHAEL, US
[72] BELINGHERI, NICKOLAS, US
[71] IGT, US
[22] 2020-01-22
[41] 2020-07-24
[30] US (16/256768) 2019-01-24

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[51] **Int.Cl. G10L 21/028 (2013.01) G10L 21/0224 (2013.01)**
[25] EN
[54] **VOICE RECOGNITION WITH TIMING INFORMATION FOR NOISE CANCELLATION**
[54]
[72] GILSON, ROSS, US
[72] SALLAS, MICHAEL, US
[72] KURTZ, SCOTT DAVID, US
[72] SKRABUTENAS, GARY, US
[72] STONE, CHRISTOPHER, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-01-22
[41] 2020-07-25
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[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/05 (2006.01) A47C 27/15 (2006.01) A47C 27/18 (2006.01) A47C 27/20 (2006.01)**
[25] EN
[54] **MATTRESS COMPRISING AN ENCOMPASSING LAYER OVER TRENCHES OR CHANNELS CONTAINING SUPPORT ELEMENTS**
[54]
[72] MICKLOS, JOSH, US
[71] SINOMAX USA, INC., US
[22] 2020-01-23
[41] 2020-07-25
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[13] A1
[51] **Int.Cl. G06F 3/044 (2006.01) A63F 13/214 (2014.01) H01G 4/00 (2006.01)**
[25] EN
[54] **SELF-CAPACITANCE DEVICE FOR OBJECT RECOGNITION ON CAPACITANCE TOUCHSCREEN**
[54] **APPAREIL DE CAPACITANCE AUTOMATIQUE POUR RECONNAISSANCE D`OBJET A L`ECRAN DE CAPACITANCE**
[72] ADAMS, RUSSELL W., US
[71] ISO-FORM LLC, US
[22] 2020-01-23
[41] 2020-07-24
[30] US (62/796,322) 2019-01-24

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[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 9/00 (2006.01)**
[25] EN
[54] **STIMULATION DEVICE FOR A MALE PENIS**
[54] **APPAREIL DE STIMULATION DU PENIS**
[72] KIRSTEN, ENRICO, DE
[72] ZENGENHAGEN, MARK TOBIAS, DE
[71] NOVOLUTO GMBH, DE
[22] 2020-01-23
[41] 2020-07-24
[30] EP (19 153 494.0) 2019-01-24

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[13] A1
[51] **Int.Cl. E04G 21/32 (2006.01) E04G 11/50 (2006.01) E04G 17/00 (2006.01)**
[25] EN
[54] **PERIMETER PROTECTION SYSTEM FOR A HORIZONTAL FORMWORK SYSTEM, AND METHOD OF ASSEMBLY OF A PERIMETER PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION PERIPHERIQUE POUR UN SYSTEME DE COFFRAGE HORIZONTAL, ET METHODE D`ASSEMBLAGE D`UN SYSTEME DE PROTECTION PERIPHERIQUE**
[72] EROGLU, YILDIRAY, DE
[72] SOBRAL VILLANUEVA, ROBERTO, DE
[71] ULMA C Y E, S. COOP, ES
[22] 2020-01-23
[41] 2020-07-24
[30] EP (19382050.3) 2019-01-24

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[51] **Int.Cl. G01S 1/00 (2006.01) H04W 84/02 (2009.01) H04W 4/38 (2018.01) E01C 5/20 (2006.01) E01C 9/08 (2006.01)**
[25] EN
[54] **ACCESS MAT TRACKING AND COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION ET DE SUIVI DU TAPIS D`ACCES**
[72] VERNON, DANIEL GEORGE, US
[72] GUSTAFSON, BRIAN CARL, US
[72] FREUDENRICH, MATTHEW TODD, US
[71] NORTHERN CLEARING, INC., US
[22] 2020-01-23
[41] 2020-07-24
[30] US (62/796,434) 2019-01-24
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[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04B 17/318 (2015.01) H04W 4/80 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ELASTIC DELIVERY, PROCESSING, AND STORAGE FOR WEARABLE DEVICES BASED ON SYSTEM RESOURCES**
[54]
[72] ROWBERG, JEFF, US
[72] DOUGLAS, JOHN, US
[72] FORNARI, FRANK, US
[71] BIOMECH SENSOR LLC, US
[22] 2020-01-23
[41] 2020-07-25
[30] US (16/257,662) 2019-01-25

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[13] A1
[51] **Int.Cl. A22B 3/08 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **A POULTRY EUTHANIZING SYSTEM**
[54] **SYSTEME POUR EUTHANASIER LA VOLAILLE**
[72] BRUBAKER, CHAD, US
[71] BRUBAKER, CHAD, US
[22] 2020-01-23
[41] 2020-07-23
[30] US (62/795,881) 2019-01-23

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[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01) H04W 12/06 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANONYMOUS LOCATION VERIFICATION**
[54] **SYSTEME ET METHODE POUR VERIFIER LES EMPLACEMENTS DE FACON ANONYME**
[72] POURTABATABAIE, ARYA, CA
[72] ORTIZ, EDISON U., CA
[72] SALTER, MARGARET INEZ, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2020-01-23
[41] 2020-07-23
[30] US (62/801,322) 2019-02-05
[30] US (62/839,407) 2019-04-26
[30] US (62/795,979) 2019-01-23
[30] US (62/839,408) 2019-04-26
[30] US (16/503,154) 2019-07-03

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[13] A1
[51] **Int.Cl. B60D 1/145 (2006.01) B60D 1/24 (2006.01) B60D 1/32 (2006.01) B60D 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ATTACHING A TRAILER TO A TOW VEHICLE**
[54]
[72] ANDERSON, JED K., US
[72] HARPER, JASON R., US
[72] LUNDGREEN, DAVID F., US
[71] PROGRESS MFG. INC., US
[22] 2020-01-24
[41] 2020-07-25
[30] US (62/797123) 2019-01-25

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[51] **Int.Cl. C02F 3/02 (2006.01) B01F 3/04 (2006.01) B01F 13/02 (2006.01) B01F 15/04 (2006.01) C02F 1/74 (2006.01) C02F 3/12 (2006.01) C02F 3/20 (2006.01) C02F 7/00 (2006.01)**
[25] EN
[54] **WASTEWATER TREATMENT WITH INDEPENDENTLY CONTROLLED AERATION AND MIXING**
[54]
[72] HILL, PATRICK D., US
[71] TRIPLEPOINT ENVIRONMENTAL LLC, US
[22] 2020-01-24
[41] 2020-07-25
[30] US (62/796624) 2019-01-25

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[13] A1
[51] **Int.Cl. B02C 18/16 (2006.01) A24B 3/14 (2006.01) A24B 7/04 (2006.01) A47J 42/24 (2006.01) A47J 42/38 (2006.01) B02C 13/26 (2006.01)**
[25] EN
[54] **BEARING HERB GRINDER**
[54]
[72] GORODETZER, AMIT, US
[71] GORODETZER, AMIT, US
[22] 2020-01-24
[41] 2020-07-25
[30] US (62/797015) 2019-01-25

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[13] A1
[51] **Int.Cl. G21C 1/22 (2006.01)**
[25] EN
[54] **CIRCULATING-FUEL NUCLEAR REACTOR**
[54]
[72] NEGRI, OLGA, GB
[71] ROLLS-ROYCE PLC, GB
[22] 2020-01-24
[41] 2020-07-25
[30] GB (1901026.3) 2019-01-25

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[71] ROLLS-ROYCE PLC, GB
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[54] **SYSTEME ET METHODE POUR SOUTENIR UNE LISSE D`UNE BETONNIERE MOTORISEE D`UNE SERIE DE BARRIERES AYANT DIFFERENTES CARACTERISTIQUES DE LARGEUR**
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[72] KRUSE, KEVIN JAMES, US
[71] TEREX USA, LLC, US
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[72] BIRD, DENNIS, DE
[71] EKATO RUEHR-UND MISCHTECHNIK GMBH, DE
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[72] TEDROW, TROY E., US
[72] SALSBURY, RONALD J., US
[72] HOPPER, MARK R., US
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[54] **SYSTEME ET METHODE DE MESURE DU POIDS EXACTE POUVANT ETRE UTILISES AVEC UN DISPOSITIF MOBILE**
[72] GAO, LIN, US
[72] SANZARI, MICHAEL JOSEPH, US
[72] HUANG, YILIN, CN
[72] YANG, SHIYUAN, CN
[72] BESHRY, AHMED, CA
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[72] HUBERMAN, SEAN, CA
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[54] **METHODE D'EXTRACTION D'INGREDIENT BIOACTIF ET INGREDIENT BIOACTIF AINSI OBTENU**
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[54] **APPAREIL A CHAMBRE A VIDE AVEC NETTOYEUR DE CONVOYEUR A COURROIE**
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[72] DURANCE, TIMOTHY D., CA
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[54] **PROCEDES ET APPAREIL D'ECLAIRAGE A BASE DE DEL REFROIDI PAR FLUIDE POUR AGRICULTURE A ENVIRONNEMENT CONTROLE**
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[72] MADERAS, NICHOLAS, US
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[71] NEC PLATFORMS, LTD., JP
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[54] **PROCEDE ET APPAREILS DE TREMPE DE PRODUITS BIOLOGIQUES**
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[25] EN
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[54] **INTEGRATION DE PROCESSUS POUR LA RECUPERATION DE LIQUIDES DE GAZ NATUREL**
[72] NOURELDIN, MAHMOUD BAHY MAHMOUD, SA
[72] KAMEL, AKRAM HAMED MOHAMED, SA
[72] ALNAJJAR, ABDULAZIZ A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **INTEGRATION DE PROCESSUS POUR LA RECUPERATION DE LIQUIDES DE GAZ NATUREL**
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[72] KAMEL, AKRAM HAMED MOHAMED, SA
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[72] ALNAJJAR, ABDULAZIZ A., SA
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[54] **PROCESS INTEGRATION FOR NATURAL GAS LIQUID RECOVERY**
[54] **INTEGRATION DE PROCESSUS POUR LA RECUPERATION DE LIQUIDE DE GAZ NATUREL**
[72] NOURELDIN, MAHMOUD BAHY MAHMOUD, SA
[72] KAMEL, AKRAM HAMED MOHAMED, SA
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[54] **INTEGRATION DE PROCESSUS POUR RECUPERATION DE LIQUIDES DE GAZ NATUREL**
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[72] KAMEL, AKRAM HAMED MOHAMED, SA
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[54] **PROCESS INTEGRATION FOR NATURAL GAS LIQUID RECOVERY**
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[54] **INTEGRATION DE PROCESSUS POUR RECUPERATION DE LIQUIDES DE GAZ NATUREL**
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[72] FOURNIER, JEAN-FRANCOIS, FR
[72] OUVRY, GILLES, FR
[72] BHURRUTH-ALCOR, YUSHMA, US
[72] THOREAU, ETIENNE, FR
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[54] **MESURE DE POTENTIEL DE ROCHE SOURCE A L'AIDE D'UN SCANNER ELECTRONIQUE QUANTIQUE**
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[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **DISPOSITIF D'ADMINISTRATION TRANSMUQUEUSE ET SON PROCEDE DE FABRICATION**
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[71] NANOSTRIPS, INC., US
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[72] CHEN, JING, US
[72] VLACHOS, GEORGIOS, US
[72] GORBUNOV, SERGEY, US
[71] ALGORAND INC., US
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[54] **LIANTS MODIFIES PAR SILOXANE ET COMPOSITIONS CORRESPONDANTES**
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[72] GARCIA DE VISICARO, JOHANNA L., US
[72] SHAVEL, LUZ CLARENA, US
[72] SHEERIN, ROBERT, US
[71] BENJAMIN MOORE & CO., US
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[25] EN
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[54] **UNITE DE VERRE ISOLEE MULTICOUCHE COMPRENANT UNE COUCHE DE VERRE A FAIBLE CTE**
[72] BERTIN-MOUROT, THOMAS, FR
[72] COUILLARD, JAMES GREGORY, US
[72] MCDONALD, MICHAEL AARON, US
[71] CORNING INCORPORATED, US
[85] 2020-06-18
[86] 2018-12-20 (PCT/US2018/066831)
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[54] **ANALYSE DE FAISCEAU A MOTIFS DE L'ANGLE IRIDOCORNEEN**
[72] RANCHOD, TUSHAR M., US
[71] BROADSPOT IMAGING CORP, US
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[54] **MULTIPLE OFF-AXIS CHANNEL OPTICAL IMAGING DEVICE UTILIZING UPSIDE-DOWN PYRAMIDAL CONFIGURATION**
[54] **DISPOSITIF D'IMAGERIE OPTIQUE A CANAUX DESAXES MULTIPLES UTILISANT UNE CONFIGURATION PYRAMIDALE RENVERSEE**
[72] RANCHOD, TUSHAR M., US
[72] JACOBSON, BENJAMIN A., US
[72] PENTICO, CLARK, US
[72] ADAMS, ANDRE E., US
[72] HAMEL-BISSELL, BRENDAN HUGO, US
[71] BROADSPOT IMAGING CORP, US
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[54] **MULTIPLE OFF-AXIS CHANNEL OPTICAL IMAGING DEVICE WITH ROTATIONAL MONTAGE**
[54] **DISPOSITIF D'IMAGERIE OPTIQUE A CANAUX DESAXES MULTIPLES AVEC MONTAGE ROTATIF**
[72] RANCHOD, TUSHAR M., US
[72] JACOBSON, BENJAMIN A., US
[72] ADAMS, ANDRE E., US
[71] BROADSPOT IMAGING CORP, US
[85] 2020-06-18
[86] 2018-12-22 (PCT/US2018/067398)
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[54] **GLYCOLATE OXIDASE INHIBITORS FOR THE TREATMENT OF DISEASE**
[54] **INHIBITEURS DE GLYCOLATE OXYDASE POUR LE TRAITEMENT DE MALADIES**
[72] WANG, BING, US
[72] CHAO, QI, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2020-06-18
[86] 2018-12-28 (PCT/US2018/067784)
[87] (WO2019/133770)
[30] US (62/611,995) 2017-12-29
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[54] **SYSTEMS, DEVICES, AND METHODS FOR PERFORMING TRANS-ABDOMINAL FETAL OXIMETRY AND/OR TRANS-ABDOMINAL FETAL PULSE OXIMETRY USING INDEPENDENT COMPONENT ANALYSIS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR EFFECTUER UNE OXYMETRIE F□TALE TRANS-ABDOMINALE ET/OU UNE OXYMETRIE DE POULS F□TALE TRANS-ABDOMINALE A L'AIDE D'UNE ANALYSE INDEPENDANTE DECOMPOSANTES**
[72] RAY, NEIL PADHAIRA, US
[72] ROSEN, MARK ANDREW, US
[72] JACOBS, ADAM, US
[72] HOLT, KENNETH, US
[71] RAYDIANT OXIMETRY, INC., US
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[54] **TRANS-ABDOMINAL FETAL PULSE OXIMETRY AND/OR UTERINE TONE DETERMINATION DEVICES AND SYSTEMS WITH ADJUSTABLE COMPONENTS AND METHODS OF USE THEREOF**
[54] **DISPOSITIFS ET SYSTEMES D'OXYMETRIE DE POULS F□TAL TRANS-ABDOMINALE ET/OU DE DETERMINATION DE TONUS UTERIN DOTES D'ELEMENTS CONSTITUTIFS REGLABLES ET LEURS PROCEDES D'UTILISATION**
[72] RAY, NEIL PADHAIRA, US
[72] ROSEN, MARK ANDREW, US
[72] JACOBS, ADAM, US
[72] HANUMARA, NEVAN, US
[71] RAYDIANT OXIMETRY, INC., US
[85] 2020-06-18
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[30] US (62/611,830) 2017-12-29

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[54] **POWER GRID SYSTEM**
[54] **SYSTEME DE RESEAU ELECTRIQUE**
[72] BENNETT, ROBERT ROSS, US
[72] ZUBIETA, LUIS EDUARDO, CA
[71] EMERA TECHNOLOGIES LLC, US
[85] 2020-06-18
[86] 2019-01-03 (PCT/US2019/012198)
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[54] **DEVICE FOR THE CAPTURE AND REMOVAL OF DISEASE MATERIAL FROM FLUIDS**
[54] **DISPOSITIF POUR LA CAPTURE ET L'ELIMINATION DE MATERIEL DE MALADIE A PARTIR DE FLUIDES**
[72] MILLER, SINEAD E., US
[71] PATH EX, INC., US
[85] 2020-06-18
[86] 2019-01-04 (PCT/US2019/012403)
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[54] **RESTRAINT SYSTEM FOR DEPLOYMENT OF A FEATURE ON A SATELLITE**
[54] **SYSTEME DE RETENUE POUR LE DEPLOIEMENT D'UNE CARACTERISTIQUE SUR UN SATELLITE**
[72] PERRY, JEDD, US
[72] KUMAR, NARINDER, US
[72] HERING, KELLY, US
[72] MEISSNER, KEVIN, US
[72] GARDINEER, BUDDY, US
[72] HOWARD, BEN, US
[71] PLANET LABS INC., US
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[25] EN
[54] **SYSTEM AND COMPUTER-IMPLEMENTED METHOD FOR CONTROLLING ASH CONTENT IN CUT CROP MATERIAL**
[54] **SYSTEME ET PROCEDE MIS EN □UVRE PAR ORDINATEUR POUR REGULER LA TENEUR EN CENDRES DANS UN PRODUIT DE RECOLTE COUPE**
[72] WIRE, JASON, US
[72] MORRELL, DEAN, US
[72] GOOD, GRANT LEWIS, US
[71] AGCO CORPORATION, US
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[86] 2018-12-11 (PCT/IB2018/059859)
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[54] **COMPOSITIONS DE LYSOPHOSPHATIDYLCHOLINE**
[72] HOEM, NILS, NO
[72] MYHREN, FINN, NO
[72] HALS, PETTER-ARNT, NO
[72] HATI, ARMEND, NO
[71] AKER BIOMARINE ANTARCTIC AS, NO
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[54] **SLAM-SHUT SAFETY DEVICE WITH OPERATIONAL FEEDBACK SYSTEM**
[54] **DISPOSITIF DE SECURITE A FERMETURE RAPIDE DOTE D'UN SYSTEME DE RETROACTION OPERATIONNEL**
[72] ZHANG, JING, CN
[72] FAN, GUOLEI, CN
[72] LIU, NIANCHUN, CN
[71] FISHER JEON GAS EQUIPMENT (CHENGDU) CO., LTD., CN
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[54] **METHOD OF PRODUCING A FIBROUS PRODUCT AND A FIBROUS PRODUCT**
[54] **PROCEDE DE PRODUCTION DE PRODUIT FIBREUX ET PRODUIT FIBREUX**
[72] KINNUNEN-RAUDASKOSKI, KARITA, FI
[72] JUVONEN, MARJA, FI
[72] TORNIAINEN, ESA, FI
[72] HAGGBLOM, MARTIN, FI
[72] MUSTONEN, TUOMAS, FI
[71] PAPTIC OY, FI
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[54] **A FACADE UNIT MOUNTING APPARATUS**
[54] **APPAREIL DE MONTAGE D'UNITE DE FACADE**
[72] PRIOR, LUKE, GB
[71] JAMES & TAYLOR LIMITED, GB
[85] 2020-06-19
[86] 2018-12-12 (PCT/GB2018/053604)
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[54] **ELECTRONIC AEROSOL PROVISION SYSTEM**
[54] **SYSTEME DE FOURNITURE D'AEROSOL ELECTRONIQUE**
[72] EZEOKE, MAURICE, GB
[72] LEADLEY, DAVID, GB
[72] MULLIN, MARTIN CONRAD, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2020-06-19
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[54] **KERBSIDE VEHICLE CHARGER**
[54] **CHARGEUR DE VEHICULE EN BORDURE DE TROTTOIR**
[72] DOBIE, NICHOLAS ALEXANDER, GB
[72] RICHARDSON, STEPHEN JAMES, GB
[71] CONNECTED KERB LIMITED, GB
[85] 2020-06-19
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[54] **METHODS AND COMPOUNDS FOR THE TREATMENT OR PREVENTION OF HYPERCYTOKINEMIA AND SEVERE INFLUENZA**
[54] **METHODES ET COMPOSES POUR LE TRAITEMENT OU LA PREVENTION DE L'HYPERCYTOKINEMIE ET DE LA GRIPPE SEVERE**
[72] DAVIES, ADRIAN HUW, GB
[72] CHOY, PUI-MAN, GB
[72] SAUNDERS, VINAY, GB
[72] BAHSOUN, BASMA, GB
[72] VASHIST, SURENDER, GB
[72] TORBETT, NEIL EDWARD, GB
[72] WHITTAKER, PAUL ANDREW, GB
[71] HVIVO SERVICES LIMITED, GB
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[54] **MONITORING AND REPORTING SERVICE PERFORMANCE**
[54] **SURVEILLANCE ET RAPPORT DES PERFORMANCES D'UN SERVICE**
[72] TALEBI FARD, PEYMAN, US
[72] DINAN, ESMAEL, US
[72] PARK, KYUNGMIN, US
[72] QIAO, WEIHUA, US
[71] OFINNO, LLC, US
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[51] **Int.Cl. A63G 31/00 (2006.01) A63G 33/00 (2006.01)**
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[54] **INTERACTIVE COMPONENT FOR AN AMUSEMENT PARK**
[54] **COMPOSANTS INTERACTIFS POUR PARC D'ATTRACTIONS**
[72] YEH, WEI CHENG, US
[72] COSSAIRT, TRAVIS JON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **BISTABLE LUMINAIRE**
[54] **LAMPE BISTABLE**
[72] BOSNECKER, ROBERT, DE
[71] AIFC-U UNTERNEHMENSFORDERUNG, DE
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[54] **FRIGOSTABLE COMPOSITION FOR IONTOPHORETIC TRANSDERMAL DELIVERY OF A TRIPTAN COMPOUND**
[54] **COMPOSITION STABLE AU FROID POUR L'ADMINISTRATION PAR VOIE TRANSDERMIQUE IONTOPHORETIQUE D'UN COMPOSE DE TRIPTAN**
[72] LINN, MICHAEL, DE
[72] SCHMITZ, CHRISTOPH, DE
[72] FRANKE, HANSHERMANN, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[25] EN
[54] **PACKAGING MACHINE AND METHOD FOR FILLING BULK MATERIALS INTO PACKAGES**
[54] **MACHINE D'EMBALLAGE ET PROCEDE POUR LE REMPLISSAGE DE PRODUITS EN VRAC DANS DES EMBALLAGES**
[72] SIEWECKE, KLAUS, DE
[72] VOLLENKEMPER, WILLI, DE
[71] HAVER & BOECKER OHG, DE
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[54] **COMPOSITION FOR OPHTHALMOLOGICAL PRODUCTS**
[54] **COMPOSITION POUR PRODUITS OPHTALMOLOGIQUES**
[72] DOBELMANN-MARA, LARS, DE
[72] HELMSTETTER, SIMON, DE
[72] RIEDMUELLER, STEFAN, DE
[72] SCHRAUB, MARTIN, DE
[71] MERCK PATENT GMBH, DE
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[54] **PORTION DISPENSER FOR DISPENSING PORTIONED BEVERAGE ITEMS**
[54] **DISTRIBUTEUR DE PARTIES PERMETTANT DE DISTRIBUER DES ARTICLES DE BOISSON EN PLUSIEURS PARTIES**
[72] ROMAND, DAMIEN, CH
[72] CROZIER, ETIENNE, CH
[72] MAGATTI, MARCO, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[25] EN
[54] **METHOD AND SYSTEM FOR REAL-TIME WEB MANUFACTURING SUPERVISION**
[54] **PROCEDE ET SYSTEME DE SUPERVISION DE FABRICATION DE BANDE EN TEMPS REEL**
[72] OHORA, MICHAEL, IE
[71] ABB SCHWEIZ AG, CH
[85] 2020-06-23
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[54] **TAPPING ARMATURE FOR LIQUID CONTAINERS**
[54] **ROBINETTERIE DE SOUTIRAGE POUR RESERVOIR A LIQUIDES**
[72] KLEIN, THILO, DE
[71] PROTECHNA S.A., CH
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[25] EN
[54] **UMBRELLA BAG BUNDLE, HOLDING STRUCTURE FOR UMBRELLA BAG BUNDLE, AND BAG OPENING DEVICE**
[54] **ENSEMBLE DE SACS DE PARAPLUIE, STRUCTURE DE MAINTIEN D'ENSEMBLE DE SACS DE PARAPLUIE, ET DISPOSITIF D'OUVERTURE DE SAC**
[72] HIBINO, MAHO, JP
[71] NIIKURA SCALES CO., LTD., JP
[85] 2020-06-22
[86] 2018-12-26 (PCT/JP2018/047742)
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[54] **PLAIN-WEAVE FABRIC, METHOD FOR MANUFACTURING SAME, AND STENT GRAFT**
[54] **TISSU A ARMURE UNIE, PROCEDE POUR LE FABRIQUER ET ENDOPROTHESE**
[72] TANAKA, NOBUAKI, JP
[72] TSUCHIKURA, HIROSHI, JP
[72] KAKIYAMA, SO, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
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[87] (WO2019/150937)
[30] JP (2018-013292) 2018-01-30
[30] JP (2018-150426) 2018-08-09

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[54] **SOIL-OPENER FOR INTRODUCING A PRODUCT INTO SOIL**
[54] **DISPOSITIF D'OUVERTURE DE SOL POUR L'INTRODUCTION D'UN PRODUIT DANS UN SOL**
[72] STOKKERMANS, THIERRY, NL
[71] LOW DISTURBANCE B.V., NL
[85] 2020-06-22
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[25] EN
[54] **INTERCONNECTION OF SUBSEA PIPELINES AND STRUCTURES**
[54] **RACCORDEMENT MUTUEL DE PIPELINES ET DE STRUCTURES SOUS-MARINS**
[72] ILSTAD, HAVARD, NO
[72] LEVOLD, ERIK, NO
[71] EQUINOR ENERGY AS, NO
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[54] **A CONTAINER AND COOLER ARRANGEMENT**
[54] **AGENCEMENT DE RECIPIENT ET DE REFROIDISSEUR**
[72] LJUNGMANN, OYSTEIN HELGE, NO
[72] LJUNGMANN, TORSTEIN, NO
[72] HASSEL, JOHN-ERIK, NO
[71] INSTRUNOR AS, NO
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[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/145 (2006.01) B65D 83/42 (2006.01)**
[25] EN
[54] **CONTAINER FOR MEDICAL LIQUIDS AND METHOD FOR FILLING A CONTAINER OF THIS TYPE**
[54] **RECIPIENT POUR LIQUIDES MEDICAUX ET PROCEDE DE REMPLISSAGE DUDIT RECIPIENT**
[72] HARTEL, ULRICH, DE
[71] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE
[85] 2020-06-19
[86] 2018-12-19 (PCT/EP2018/086000)
[87] (WO2019/122024)
[30] DE (10 2017 223 505.5) 2017-12-21

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[13] A1
[51] **Int.Cl. B01J 37/02 (2006.01) B01J 29/46 (2006.01) B01J 35/00 (2006.01) C07C 43/04 (2006.01)**
[25] EN
[54] **CATALYST SYSTEM AND PROCESS FOR PREPARING DIMETHYL ETHER**
[54] **SYSTEME CATALYSEUR ET PROCESSUS DE PREPARATION D'ETHER DIMETHYLIQUE**
[72] SCHUSTER, SABINE, DE
[72] SCHWAB, EKKEHARD, DE
[72] ALTWASSER, STEFAN, DE
[72] KAISER, HARRY, DE
[72] SCHUNK, STEPHAN A., DE
[72] GAAB, MANUELA, DE
[71] BASF SE, DE
[85] 2020-06-19
[86] 2018-12-20 (PCT/EP2018/086095)
[87] (WO2019/122078)
[30] EP (17208927.8) 2017-12-20

[21] **3,086,715**
[13] A1
[51] **Int.Cl. C08G 18/73 (2006.01) C09D 7/43 (2018.01) C08G 18/10 (2006.01) C08G 18/28 (2006.01) C08G 18/32 (2006.01) C08G 18/75 (2006.01) C08G 18/76 (2006.01) C08G 18/80 (2006.01)**
[25] EN
[54] **UREA AND URETHANE GROUP CONTAINING ANTI-SETTLING RHEOLOGY CONTROL ADDITIVE**
[54] **ADDITIF DE REGULATION RHEOLOGIQUE ANTISEDIMENTATION CONTENANT UN GROUPE UREE ET UN GROUPE URETHANE**
[72] KNAPPKE-BONGARTZ, CHRISTIANE, DE
[72] NAGELSDIEK, RENE, DE
[72] BUHNE, SYLVIA, DE
[72] VON HAAREN, JAN, DE
[72] KLEIN, AGNETHA, DE
[72] VERLINDEN, CHRISTOPH, DE
[71] BYK-CHEMIE GMBH, DE
[85] 2020-06-19
[86] 2018-12-20 (PCT/EP2018/086342)
[87] (WO2019/122213)
[30] EP (17209556.4) 2017-12-21

[21] **3,086,716**
[13] A1
[51] **Int.Cl. G01N 1/30 (2006.01) C12Q 1/04 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **PHENOL-FREE ACID-FAST STAINING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE COLORATION ACIDO-RESISTANTE EXEMPTE DE PHENOL ET SON UTILISATION**
[72] MEHTA, PARULA, US
[72] KLEIN, ERIC, US
[72] SACCHETTI, DOMINIC, US
[72] KESHWANI, MALIK, US
[72] KOSMEDER, JEROME W. II, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2020-06-23
[86] 2018-12-20 (PCT/EP2018/086069)
[87] (WO2019/122062)
[30] US (62/610,215) 2017-12-24

[21] **3,086,717**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 4/00 (2006.01)**
[25] EN
[54] **REGENERATION OF GENETICALLY MODIFIED PLANTS**
[54] **REGENERATION DE PLANTES GENETIQUEMENT MODIFIEES**
[72] PACHECO VILLALOBOS, DAVID, DE
[72] KOCH, WOLFGANG, DE
[72] POLLET, BRUNO, BE
[72] SCHMITZ, OLIVER, DE
[72] KONG, JIXIANG, DE
[72] MARTIN-ORTIGOSA, SUSANA, DE
[71] KWS SAAT SE & CO. KGAA, DE
[71] BASF SE, DE
[85] 2020-06-23
[86] 2018-12-31 (PCT/EP2018/086902)
[87] (WO2019/134884)
[30] EP (18150187.5) 2018-01-03

[21] **3,086,718**
[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61K 9/00 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING A PATIENT WITH A RESPIRATORY DISEASE CAUSED BY CHRONIC INFLAMMATION, PRODUCTION METHOD, AND USE OF SAID COMPOSITION**
[54] **COMPOSITION DESTINEE AU TRAITEMENT D'UN PATIENT SOUFFRANT D'UNE MALADIE DES VOIES RESPIRATOIRES ASSOCIEE A DES INFLAMMATIONS CHRONIQUES ET PROCEDE DE PRODUCTION ET UTILISATION DELADITE COMPOSITION**
[72] RENZ, JONAS, DE
[71] STERNA BIOLOGICALS GMBH & CO. KG, DE
[85] 2020-06-19
[86] 2018-12-20 (PCT/EP2018/086438)
[87] (WO2019/122267)
[30] EP (17210504.1) 2017-12-22

[21] **3,086,719**
[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **ELECTRICALLY OPERATED AEROSOL GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL A COMMANDE ELECTRIQUE**
[72] ROGAN, ANDREW ROBERT JOHN, GB
[71] JT INTERNATIONAL S.A., CH
[85] 2020-06-23
[86] 2018-12-28 (PCT/EP2018/097112)
[87] (WO2019/129868)
[30] EP (17211090.0) 2017-12-29

[21] **3,086,720**
[13] A1
[51] **Int.Cl. B29C 45/67 (2006.01) B29C 45/68 (2006.01) F15B 15/26 (2006.01)**
[25] EN
[54] **MOULD CLOSING UNIT FOR AN INJECTION MOULDING MACHINE AND METHOD FOR LOCKING A FORCE TRANSMISSION ELEMENT**
[54] **UNITE DE FERMETURE DE MOULE DESTINEE A UNE MACHINE DE MOULAGE PAR INJECTION AINSI QUE PROCEDE DE BLOCAGE D'UN ELEMENT DE TRANSMISSION DE FORCE**
[72] DUFFNER, EBERHARD, DE
[72] BLETSCHER, RAINER, DE
[71] ARBURG GMBH + CO KG, DE
[85] 2020-06-19
[86] 2018-12-20 (PCT/EP2018/086444)
[87] (WO2019/129670)
[30] DE (DE 10 2017 223 822.4) 2017-12-27

[21] **3,086,725**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/00 (2006.01)**
[25] EN
[54] **NOVEL MULTI-ORGAN-CHIPS ESTABLISHING DIFFERENTIATION OF IPSC-DERIVED CELLS INTO ORGAN EQUIVALENTS**
[54] **NOUVELLES PUCES MULTI-ORGANES ETABLISSANT UNE DIFFERENCIATION DE CELLULES DERIVEES D'IPSC EN EQUIVALENTS D'ORGANE**
[72] MARX, UWE, DE
[72] RAMME, ANJA, DE
[71] TISSUSE GMBH, DE
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086483)
[87] (WO2019/122291)
[30] EP (17210375.6) 2017-12-22
[30] US (62/609,664) 2017-12-22

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) H04W 72/10 (2009.01)**
[25] EN
[54] **TRANSMISSION DIRECTION DETERMINING METHOD AND APPARATUS, TRANSMISSION CHANNEL DETERMINING METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE DIRECTION DE TRANSMISSION ET UN CANAL DE TRANSMISSION, ET SUPPORT D'INFORMATIONS POUR ORDINATEUR**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-23
[86] 2018-07-27 (PCT/CN2018/097466)
[87] (WO2019/128213)
[30] CN (PCT/CN2017/118450) 2017-12-26

[21] **3,086,740**
[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01)**
[25] EN
[54] **HANDLE ASSEMBLY AND AND STAPLER INCLUDING THE SAME**
[54] **ENSEMBLE POIGNEE ET DISPOSITIF D'ANASTOMOSE COMPRENANT CELUI-CI**
[72] CHEN, ZHI, CN
[72] GUO, YI, CN
[72] LIN, JIANG, CN
[72] XU, XIAOWEI, CN
[71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
[85] 2020-06-23
[86] 2018-11-29 (PCT/CN2018/118111)
[87] (WO2019/128607)
[30] CN (201721849649.6) 2017-12-26

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **BI-SPECIFIC ANTIGEN BINDING MOLECULES**
[54] **MOLECULES BISPECIFIQUES DE LIAISON A L'ANTIGENE**
[72] MCLEAN, ESTELLE GRACE, GB
[72] TRUMPER, PAUL RICHARD, GB
[72] THOM, JENNIFER, GB
[72] HARRISON, TIMOTHY, GB
[72] COTTON, GRAHAM JOHN, GB
[72] SALADINO, CHIARA, GB
[72] BARELLE, CAROLINE, GB
[72] PORTER, ANDREW, GB
[72] KOVALEVA, MARINA, GB
[71] ALMAC DISCOVERY LIMITED, GB
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086821)
[87] (WO2019/122445)
[30] GB (1721802.5) 2017-12-22

[21] **3,086,762**
[13] A1
[25] FR
[54] **SYSTEM FOR MEASURING THE MEAN ARTERIAL PRESSURE**
[54] **METHODE DE MESURE DE LA PRESSION ARTERIELLE MOYENNE**
[72] VALLEE, FABRICE, FR
[72] JOACHIM, JONA, FR
[72] COUTROT, MAXIME, FR
[72] MATEO, JOAQUIM, FR
[72] GAYAT, ETIENNE, FR
[72] MEBAZAA, ALEXANDRE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086748)
[87] (WO2019/122406)
[30] FR (1762978) 2017-12-22
[30] FR (1763405) 2017-12-29

[21] **3,086,773**
[13] A1
[51] **Int.Cl. G16H 40/63 (2018.01) G16H 20/13 (2018.01) G16H 20/40 (2018.01) A61M 15/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **INHALER TRAINING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ENTRAINEMENT A L'UTILISATION D'UN INHALATEUR**
[72] HAUSSERMANN, SABINE, DE
[72] SIVRIS, ALEXANDROS, DE
[72] NATZER, JONAS BENEDIKT, DE
[71] VISIONHEALTH GMBH, DE
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086541)
[87] (WO2019/122315)
[30] EP (17209861.8) 2017-12-21

[21] **3,086,774**
[13] A1
[51] **Int.Cl. B63B 27/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSFERRING CRYOGENIC PRODUCT BETWEEN TWO SHIPS PLACED SIDE BY SIDE**
[54] **SYSTEME POUR LE TRANSFERT DE PRODUIT CRYOGENIQUE ENTRE DEUX NAVIRES PLACES COTE A COTE**
[72] POICHOT, RAPHAEL, FR
[72] PAQUET, STEPHANE, FR
[71] FMC TECHNOLOGIES, FR
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086542)
[87] (WO2019/122316)
[30] FR (1763195) 2017-12-22

[21] **3,086,789**
[13] A1
[51] **Int.Cl. A23C 11/10 (2006.01) A23L 9/20 (2016.01)**
[25] EN
[54] **CREAMER COMPOSITION**
[54] **COMPOSITION DE COLORANT A CAFE**
[72] WAKSMAN, LUCILE, CH
[72] TERRAZAS, KORINA, CH
[72] WIDMER, CHRISTOPH, CH
[72] PEPE, FRANCESCA, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086603)
[87] (WO2019/122336)
[30] EP (17209943.4) 2017-12-22

[21] **3,086,790**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A01N 43/82 (2006.01) C07D 413/04 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **FUNGICIDAL OXADIAZOLES**
[54] **OXADIAZOLES FONGICIDES**
[72] BRUNET, STEPHANE, FR
[72] GORTZ, ANDREAS, DE
[72] GOURGUES, MATHIEU, FR
[72] HILT, EMMANUELLE, FR
[72] JAKOBI, HARALD, DE
[72] NAUD, SEBASTIEN, FR
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] DUCERF, SOPHIE, FR
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSHAFT, DE
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086557)
[87] (WO2019/122323)
[30] EP (17210460.6) 2017-12-22

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **HARD FRAME WITH PIVOTABLE BRIDGE**
[54] **CADRE RIGIDE PRESENTANT UN PONT PIVOTANT**
[72] GORNERT, FLORIAN, DE
[72] HEBENSTREIT, SANDRO, DE
[72] BAUERFEIND, HANS B., DE
[71] BAUERFEIND AG, DE
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086667)
[87] (WO2019/122364)
[30] DE (10 2017 223 757.0) 2017-12-22

[21] **3,086,792**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A01N 43/80 (2006.01) A01P 3/00 (2006.01) C07D 413/06 (2006.01) C07D 419/06 (2006.01) C07D 419/14 (2006.01)**
[25] EN
[54] **HYDROXYISOXAZOLINES AND DERIVATIVES THEREOF**
[54] **HYDROXYISOXAZOLINES ET LEURS DERIVES**
[72] BRUNET, STEPHANE, FR
[72] DESBORDES, PHILIPPE, FR
[72] DUFOUR, JEREMY, FR
[72] GORTZ, ANDREAS, DE
[72] GOURGUES, MATHIEU, FR
[72] HILT, EMMANUELLE, FR
[72] KUHN, BIRGIT, DE
[72] NAUD, SEBASTIEN, FR
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] VERNAY, AURELIA, FR
[72] VILLALBA, FRANCOIS MICHEL, FR
[72] DUCERF, SOPHIE, FR
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSHAFT, DE
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086723)
[87] (WO2019/122393)

[21] **3,086,793**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 5/0476 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CALCULATION OF AN INDEX OF BRAIN ACTIVITY**
[54] **SYSTEME ET PROCEDE DE CALCUL D'UN INDICE D'ACTIVITE CEREBRALE**
[72] HEDDI, MOHCINE, FR
[72] LE VAN QUYEN, MICHEL, FR
[72] LE DOUGET, JEAN-EUDES, FR
[71] BIOSERENITY, FR
[71] ICM - INSTITUT DU CERVEAU ET DE LA MOELLE EPINIERE, FR
[71] APHP (ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS), FR
[71] SARBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086730)
[87] (WO2019/122396)
[30] EP (17306917.0) 2017-12-22

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **METHODS BASED ON THE DETECTION OF RAD51 FOCI IN TUMOR CELLS**
[54] **PROCEDES BASES SUR LA DETECTION DE FOYERS RAD51 DANS DES CELLULES TUMORALES**
[72] SERRA ELIZALDE, VIOLETA, ES
[72] BALMANA GELPI, JUDITH, ES
[72] CRUZ ZAMBRANO, CRISTINA, ES
[72] LLOP GUEVARA, ALBA, ES
[72] CASTROVIEJO BERMEJO, MARTA, ES
[72] O'CONNOR, MARK J., GB
[72] JONES, GEMMA NICOLE, GB
[71] FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, ES
[71] ASTRAZENECA UK LIMITED, SE
[71] XENTECH SAS, FR
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086759)
[87] (WO2019/122411)
[30] EP (17382884.9) 2017-12-21

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/00 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ROR1-SPECIFIC ANTIGEN BINDING MOLECULES**
[54] **MOLECULES DE FIXATION A L'ANTIGENE SPECIFIQUE DE ROR1**
[72] MCLEAN, ESTELLE GRACE, GB
[72] TRUMPER, PAUL RICHARD, GB
[72] THOM, JENNIFER, GB
[72] HARRISON, TIMOTHY, GB
[72] COTTON, GRAHAM JOHN, GB
[72] BARELLE, CAROLINE, GB
[72] PORTER, ANDREW, GB
[72] KOVALEVA, MARINA, GB
[71] ALMAC DISCOVERY LIMITED, GB
[85] 2020-06-19
[86] 2018-12-21 (PCT/EP2018/086823)
[87] (WO2019/122447)
[30] GB (1721802.5) 2017-12-22

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[13] A1
[51] **Int.Cl. G01T 1/29 (2006.01) G01T 1/36 (2006.01)**
[25] FR
[54] **ANALYSING METHOD USING A DETECTOR OF ALPHA PARTICLES**
[54] **PROCEDE D'ANALYSE A L'AIDE D'UN DETECTEUR DE PARTICULES ALPHA**
[72] DONNARD, JEROME, FR
[72] DUVAL, SAMUEL, FR
[72] OGER, TUGDUAL, FR
[72] LEFEUVRE, HUGO, FR
[72] TOUBON, HERVE, FR
[72] DESCOSTES, MICHAEL, FR
[71] AI4R, FR
[71] ORANO MINING, FR
[85] 2020-06-19
[86] 2018-12-20 (PCT/EP2018/086405)
[87] (WO2019/122244)
[30] FR (17 62989) 2017-12-22

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[13] A1
[51] **Int.Cl. C09K 8/84 (2006.01) C09K 8/94 (2006.01)**
[25] EN
[54] **METHANE HYDRATES IMPROVED HYDROSTATIC PRESSURE OF FOAM FRACTURING**
[54] **HYDRATES DE METHANE A PRESSION HYDROSTATIQUE AMELIOREE DE LA FRACTURATION A LA MOUSSE**
[72] STEPHENSON, STANLEY V., US
[72] DUSTERHOFT, RONALD G., US
[72] SIDDIQUI, SHAMEEM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-23
[86] 2018-02-05 (PCT/US2018/016795)
[87] (WO2019/152052)

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 23/12 (2006.01)**
[25] EN
[54] **ROTARY STEERABLE TOOL WITH INDEPENDENT ACTUATORS**
[54] **OUTIL ROTATIF ORIENTABLE A ACTIONNEURS INDEPENDANTS**
[72] NANAYAKKARA, RAVI P., US
[72] CHAMBERS, LARRY D., US
[72] DOUD, BRIAN, US
[72] DEOLALIKAR, NEELESH V., US
[72] FINKE, MICHAEL D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-23
[86] 2018-02-19 (PCT/US2018/018617)
[87] (WO2019/160562)

[21] **3,086,799**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) F24B 5/06 (2006.01)**
[25] EN
[54] **INSERT FOR COOKING APPARATUS**
[54] **INSERT POUR APPAREIL DE CUISSON**
[72] BRENNAN, ROBERT, US
[72] OGUNBIYI, ELIZABETH OLAYINKA, US
[72] MAALOULY, MICHEL NICHOLAS, US
[72] PARKER, KEVIN KIT, US
[72] JUNE, CARL H., US
[71] DESORA, INC., US
[71] PREMIER SPECIALTY BRANDS, LLC D/B/A/ KAMADO JOE COMPANY, US
[85] 2020-06-23
[86] 2019-01-09 (PCT/US2019/012930)
[87] (WO2019/140002)
[30] US (62/616,333) 2018-01-11
[30] US (62/631,346) 2018-02-15

[21] **3,086,884**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **CONTRACTION OF AN ANNULOPLASTY STRUCTURE**
[54] **CONTRACTION D'UNE STRUCTURE D'ANNULOPLASTIE**
[72] PELEG, CARMEL, IL
[72] COHEN, YEHUDA, IL
[72] BRAUON, HAIM, IL
[72] ZIPORY, YUVAL, IL
[72] SHEPS, TAL, IL
[71] VALTECH CARDIO, LTD., IL
[85] 2020-06-24
[86] 2019-01-23 (PCT/IL2019/050092)
[87] (WO2019/145947)
[30] US (62/621,280) 2018-01-24

[21] **3,086,887**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **FORMULATED CANNABIS OIL POWDER BY NANOEMULSIFYCATION, METHODS OF PRODUCING AND USES THEREOF**
[54] **POUDRE D'HUILE DE CANNABIS FORMULEE PAR NANOEMULSIFICATION, PROCEDES DE PRODUCTION ET UTILISATIONS DE CELLE-CI**
[72] MAGDASSI, SHLOMO, IL
[72] LARUSH, LIRAZ, IL
[72] EZRA, RAFAEL, IL
[71] KARNAK TECHNOLOGIES, LLC, US
[85] 2020-06-24
[86] 2019-03-11 (PCT/IL2019/050268)
[87] (WO2020/035850)
[30] IL (261132) 2018-08-13

[21] **3,086,890**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **SMART OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE**
[54] **DISPOSITIF INTELLIGENT A PRESSION EXPIRATOIRE POSITIVE OSCILLANTE**
[72] MEYER, ADAM, CA
[72] SCARROTT, PETER, CA
[72] ALIZOTI, NERITAN, CA
[72] SUGGETT, JASON, CA
[72] SAKARIA, RONAK, CA
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[54] **OPTIMISATION DE DEBIT BINAIRE ADAPTATIF LORS D'UNE INITIALISATION DE DIFFUSION EN CONTINU DE VIDEO**
[72] SEHGAL, SAGAR, IN
[71] SLING MEDIA PVT LTD., IN
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[54] **ENHANCEMENT OF NUCLEIC ACID POLYMERIZATION BY AROMATIC COMPOUNDS**
[54] **AMELIORATION DE LA POLYMERISATION D'ACIDES NUCLEIQUES PAR DES COMPOSES AROMATIQUES**
[72] KOKORIS, MARK STAMATIOS, US
[72] TABONE, JOHN, US
[72] NABAVI, MELUD, US
[72] JACOBS, AARON, US
[72] O'CONNELL, DYLAN, US
[72] GOODMAN, DREW, US
[72] MERRILL, LACEY, US
[72] CHANDRASEKAR, JAGADEESWARAN, US
[72] BERG, KENDALL, US
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[54] **PULVERIZED MASTERBATCH PRODUCTS CONTAINING INFRARED ABSORBING FINE PARTICLES, DISPERSION LIQUID CONTAINING PULVERIZED MASTERBATCH PRODUCTS CONTAINING INFRARED ABSORBING FINE PARTICLES, INK CONTAINING INFRARED ABSORBING MATERIAL, AND ANTI-COUNTERFEIT INK AND ANTI-COUNTERFEIT PRINTED MATTER USING THEM, AND METHOD FOR PRODUCING THE PULVERIZED MASTERBATCH...**
[54] **PRODUIT BROYE DE MELANGE-MAITRE COMPRENANT DES MICROPARTICULES ABSORBANTES DANS L'INFRAROUGE AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, DISPERSION LIQUIDE QUI COMPREND CE PRODUIT BROYE DE MELANGE-MAITRE COMPRENANT DES MICROPARTICULES ABSORBANTES DANS L'INFRAROUGE, ENCRE COMPRENANT UN MATERIAU ABSORBANT DANS L'INFRAROUGE, ENCRE PREVENANT LA ...**
[72] TSUNEMATSU, HIROFUMI, JP
[72] CHONAN, TAKESHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] **SYSTEME D'ECLAIRAGE PORTABLE INTERACTIF**
[72] LAY, JORDAN, US
[72] CIVELEKOGLU, DEFNE, US
[72] COHEN, JOHN, US
[72] GIACALONE, LOUIS, US
[72] SHAH, SHAIL, US
[72] NORGAN, JOSEF, US
[72] SA GLAISTER, CHRISTOPHER, US
[72] SRINIVASAN, SHYAM, US
[72] MARTISAUSKAS, STEVE, US
[71] CASPER SLEEP INC., US
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[54] **THREAT IDENTIFICATION DEVICE AND SYSTEM WITH OPTIONAL ACTIVE COUNTERMEASURES**
[54] **DISPOSITIF ET SYSTEME D'IDENTIFICATION DE MENACE OFFRANT DES CONTRE-MESURES ACTIVES OPTIONNELLES**
[72] KAINDL, ROBERT, US
[71] KAINDL, ROBERT, US
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[54] **SLURRY ELECTRODES FOR DIRECT CURRENT NERVE CONDUCTION BLOCK**
[54] **ELECTRODES A SUSPENSION CONCENTREE POUR BLOC DE CONDUCTION NERVEUSE A COURANT CONTINU**
[72] VRABEC, TINA L., US
[72] WAINRIGHT, JESSE S., US
[72] BHADRA, NILOY, US
[72] KILGORE, KEVIN L., US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **MODELISATION DE TRANSPORT**
[72] HRADECKY, JASON A., US
[71] IMPACT SELECTOR INTERNATIONAL, LLC, US
[85] 2020-06-24
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[54] **DECODING APPROACHES FOR PROTEIN IDENTIFICATION**
[54] **APPROCHES DE DECODAGE POUR L'IDENTIFICATION DE PROTEINES**
[72] PATEL, SUJAL M., US
[72] MALLICK, PARAG, US
[72] EGERTSON, JARRETT D., US
[71] NAUTILUS BIOTECHNOLOGY, INC., US
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[54] **PEPTIDES AND COMBINATION OF PEPTIDES OF NON-CANONICAL ORIGIN FOR USE IN IMMUNOTHERAPY AGAINST DIFFERENT TYPES OF CANCERS**
[54] **PEPTIDES ET COMBINAISON DE PEPTIDES D'ORIGINE NON-CANONIQUE DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE DIFFERENTS TYPES DE CANCERS**
[72] SCHUSTER, HEIKO, DE
[72] HOFFGAARD, FRANZISKA, DE
[72] FRITSCHE, JENS, DE
[72] SCHOOR, OLIVER, DE
[72] WEINSCHENK, TONI, DE
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[72] TSOU, CHIH-CHIANG, US
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[54] **IMPROVED PEPTIDE PHARMACEUTICALS FOR TREATMENT OF NASH AND OTHER DISORDERS**
[54] **COMPOSES PHARMACEUTIQUES PEPTIDIQUES AMELIORES UTILISES POUR LE TRAITEMENT D'UNE STEATOHEPATITE NON ALCOOLIQUE ET D'AUTRES TROUBLES**
[72] NESTOR, JOHN J., US
[71] MEDERIS DIABETES, LLC, US
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[54] **COUPLAGE REGLABLE A COMPENSATION DE CHARGE**
[72] KEANE, ZACHARY KYLE, US
[72] STRAND, JOEL D., US
[72] NAAMAN, OFER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **METHOD FOR THE COMPUTER-AIDED PROCESSING OF OPERATING DATA RELATING TO A TECHNICAL SYSTEM**
[54] **PROCEDE DE TRAITEMENT ASSISTE PAR ORDINATEUR DE DONNEES DE FONCTIONNEMENT D'UN SYSTEME TECHNIQUE**
[72] KEHRER, JOHANNES, DE
[72] WEBER, STEFAN HAGEN, DE
[72] PAULITSCH, CHRISTOPH, DE
[72] KRUGER, SEBASTIAN, DE
[72] SUER, MAHMUT HALIL, DE
[72] VOGEL, THOMAS, DE
[72] WINTER, JENS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD AND SYSTEM FOR ARMING/DISARMING AN AIRCRAFT DOOR SLIDE AND IMPLEMENTATION ASSEMBLY**
[54] **PROCEDE ET SYSTEME D'ARMEMENT/DESARMEMENT DE TOBOGGAN DE PORTE D'AVION ET ENSEMBLE DE MISE EN OEUVRE**
[72] ROMEC, CHRISTIAN, FR
[71] LATECOERE, FR
[85] 2020-06-25
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[54] **FERMENTATE COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS DE PRODUIT DE FERMENTATION ET PROCEDES POUR LEUR PREPARATION ET LEUR UTILISATION**
[72] GEBERT, SHELLY, US
[72] HUNDT, MATTHEW, US
[71] THIRD WAVE BIOACTIVES, LLC., US
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[54] **PROTEINES SE LIANT A L'ANTIGENE CIBLANT DES ANTIGENES PARTAGES**
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[72] BLAIR, WADE, US
[72] BULIK-SULLIVAN, BRENDAN, US
[72] BUSBY, MICHELE ANNE, US
[72] BUSBY, JENNIFER, US
[72] FRANCIS, JOSHUA MICHAEL, US
[72] GROTENBREG, GIJSBERT MARNIX, US
[72] SKOBERNE, MOJCA, US
[72] YELENSKY, ROMAN, US
[71] GRITSTONE ONCOLOGY, INC., US
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[54] **EXERCISE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'EXERCICE**
[72] POURE, JASON, US
[72] KRUSE, MARK, US
[72] COIRO, MAUREEN C., US
[72] CONSIGLIO, JOHN, US
[72] ALCORN, NIGEL, US
[72] EVANCHA, BETINA, US
[72] WILLHITE, ASHLEY, US
[71] PELOTON INTERACTIVE, INC., US
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[54] **METHOD OF INCREASING PROLIFERATION OF PANCREATIC BETA CELLS, TREATMENT METHOD, AND COMPOSITION**
[54] **PROCEDE D'AUGMENTATION DE LA PROLIFERATION DE CELLULES BETA PANCREATIQUES, PROCEDE DE TRAITEMENT ET COMPOSITION**
[72] STEWART, ANDREW F., US
[72] ACKEIFI, COURTNEY, US
[72] WANG, PENG, US
[72] DEVITA, BOB, US
[71] ICHAN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **STEROIDES ET LEURS CONJUGUES-ANTICORPS**
[72] HAN, AMY, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **VETEMENT PORTE TUBULAIRE, MULTIFONCTIONNEL**
[72] CHAHINE, TONY, CA
[72] AITKEN, STEVEN, CA
[72] STRAKA, ADRIAN, CA
[72] ALIZADEH-MEGHRAZI, MILAD, CA
[71] MYANT INC., CA
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[25] EN
[54] **IMPROVED TUBULAR VENTING DEVICE FOR SURGICAL CASTS AND OTHER ORTHOPEDIC DEVICES**
[54] **DISPOSITIF DE VENTILATION TUBULAIRE AMELIORE DESTINE A DES PLATRES CHIRURGICAUX ET AUTRES DISPOSITIFS ORTHOPEDIQUES**
[72] BARBERIO, ALESSANDRO, CA
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[85] 2020-06-25
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[54] **SOCLE MULTIFONCTION**
[72] LOUTOS, PETER A., US
[71] LOUTOS, PETER A., US
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[54] **SYSTEME DE DETECTION DE MENACE MONTES SUR LE CORPS ET SES PROCEDES D'UTILISATION**
[72] MALHI, KULWANT, CA
[71] FIRST RESPONDER TECHNOLOGIES INC., CA
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[54] **DISPOSITIF ENDOSCOPIQUE DE SPECTROSCOPIE RAMAN**
[72] MCGREGOR, HANNA CLAIRE, CA
[72] SHORT, MICHAEL, CA
[72] ZENG, HAISHAN, CA
[71] PROVINCIAL HEALTH SERVICES AUTHORITY, CA
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[54] **MULTISPECIFIC CHIMERIC RECEPTORS COMPRISING NKG2D DOMAIN AND METHODS OF USE THEREOF**
[54] **RECEPTEURS CHIMERIQUES MULTISPECIFIQUES COMPRENANT UN DOMAINE NKG2D ET LEURS PROCEDES D'UTILISATION**
[72] FAN, XIAOHU, CA
[72] WANG, JUN, CN
[72] WANG, PINGYAN, CN
[72] ZHUANG, QIUCHUAN, CN
[72] MA, LIAN, CN
[71] NANJING LEGEND BIOTECH CO., LTD., CN
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[54] **ALLIAGE D'ALUMINIUM**
[72] FEHRMANN, HENNING, DE
[71] FEHRMANN ALLOYS GMBH & CO. KG, DE
[85] 2020-06-25
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[25] EN
[54] **METHOD AND APPARATUS WITH AN OUTLET FOR EXTRACTING MOLTEN SALT**
[54] **DISPOSITIF ET PROCEDE COMPORTANT UN ECOULEMENT PERMETTANT D'EVACUER LE SEL LIQUIDE**
[72] HUNING, HERBERT, DE
[71] OSCHATZ ENERGY AND ENVIRONMENT GMBH, DE
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[86] 2018-12-21 (PCT/EP2018/086710)
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-TIGIT ANTIBODIES AND THEIR USE AS THERAPEUTICS AND DIAGNOSTICS**
[54] **ANTICORPS ANTI-TIGIT ET LEUR UTILISATION COMME AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES**
[72] XUE, LIU, CN
[72] LIU, QI, CN
[72] WEI, MIN, CN
[72] LI, KANG, CN
[71] BEIGENE, LTD., KY
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[25] EN
[54] **ANTIBODIES TO T CELL IMMUNORECEPTOR WITH IG AND ITIM DOMAINS (TIGIT) AND USES THEREOF**
[54] **ANTICORPS DIRIGES CONTRE L'IMMUNORECEPTEUR DES LYMPHOCYTES T AVEC DES DOMAINES IG ET ITIM (TIGIT) ET LEURS UTILISATIONS**
[72] CUI, FEIFEI, CN
[72] FANG, LEI, CN
[72] GUO, BINGSHI, CN
[72] WANG, ZHENGYI, CN
[72] ZANG, JINGWU, CN
[71] I-MAB BIOPHARMA US LIMITED, US
[85] 2020-06-25
[86] 2019-02-11 (PCT/CN2019/074775)
[87] (WO2019/154415)

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[13] A1
[51] **Int.Cl. A01M 1/20 (2006.01)**
[25] EN
[54] **VOLATILE SUBSTANCE DIFFUSER**
[54] **DIFFUSEUR DE SUBSTANCE VOLATILE**
[72] CAMARERO DIEZ, ROBERTO, ES
[72] DOYLE, DOMINIC, ES
[71] ZOBELE HOLDING S.P.A., ES
[85] 2020-06-25
[86] 2018-12-26 (PCT/EP2018/086883)
[87] (WO2019/129788)
[30] ES (P201731472) 2017-12-27

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[13] A1
[51] **Int.Cl. A61L 9/12 (2006.01)**
[25] EN
[54] **SUPPORT FOR VOLATILE SUBSTANCE-DIFFUSING WICKS**
[54] **SUPPORT POUR MECHES DE DIFFUSION DE SUBSTANCE VOLATILE**
[72] CAMARERO DIEZ, ROBERTO, ES
[72] MASO SABATE, JORDI, ES
[71] ZOBELE HOLDING S.P.A., IT
[85] 2020-06-25
[86] 2018-12-26 (PCT/EP2018/086884)
[87] (WO2019/129789)
[30] ES (P201731475) 2017-12-27

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01) A61M 11/04 (2006.01)**
[25] EN
[54] **HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE**
[54] **ENSEMBLE DE CHAUFFAGE DESTINE A UN DISPOSITIF DE GENERATION DE VAPEUR**
[72] GILL, MARK, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-25
[86] 2018-12-28 (PCT/EP2018/097072)
[87] (WO2019/129843)
[30] EP (17211201.3) 2017-12-29
[30] TW (107147310) 2018-12-27

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01) A61M 11/04 (2006.01)**
[25] EN
[54] **HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE**
[54] **ENSEMBLE DE CHAUFFAGE POUR DISPOSITIF DE PRODUCTION DE VAPEUR**
[72] PARRY, JOHN, GB
[72] ROGAN, ANDREW ROBERT JOHN, GB
[72] BRVENIK, LUBOS, GB
[72] GILL, MARK, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-25
[86] 2018-12-28 (PCT/EP2018/097074)
[87] (WO2019/129845)
[30] EP (17211201.3) 2017-12-29
[30] TW (107147308) 2018-12-27

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01) A61M 11/04 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **INDUCTION HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE**
[54] **ENSEMBLE DE CHAUFFAGE PAR INDUCTION DESTINE A UN DISPOSITIF DE GENERATION DE VAPEUR**
[72] GILL, MARK, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-25
[86] 2018-12-28 (PCT/EP2018/097075)
[87] (WO2019/129846)
[30] EP (17211202.1) 2017-12-29
[30] TW (107146643) 2018-12-22

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **HYBRID REGULATORY ELEMENTS**
[54] **ELEMENTS REGULATEURS HYBRIDES**
[72] MINGOZZI, FEDERICO, FR
[72] COLELLA, PASQUALINA, FR
[71] GENETHON, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] SORBONNE UNIVERSITE, FR
[71] UNIVERSITE D'EVRY VAL D'ESSONNE, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[85] 2020-06-25
[86] 2019-02-07 (PCT/EP2019/053061)
[87] (WO2019/154939)
[30] US (62/627,442) 2018-02-07
[30] EP (18161872.9) 2018-03-14
[30] EP (18178853.0) 2018-06-20

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[13] A1
[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **SANITARY PRODUCT WITH INTEGRATED SENSOR, FABRICATION PLANT THEREFORE AND METHOD THEREOF**
[54] **PRODUIT SANITAIRE AVEC CAPTEUR INTEGRE, PLAN DE FABRICATION ASSOCIE ET SON PROCEDE DE PRODUCTION**
[72] KAMMEYER, PER, DK
[71] ABENA HOLDING A/S, DK
[85] 2020-06-25
[86] 2019-01-04 (PCT/DK2019/050002)
[87] (WO2019/134727)
[30] DK (PA 2018 70007) 2018-01-05

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[13] A1
[51] **Int.Cl. G06T 7/70 (2017.01) G01T 1/00 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR AND METHOD OF SURVEYING A SURFACE**
[54] **SYSTEME ET PROCEDE D'ETUDE D'UNE SURFACE**
[72] DAVIES, MICHAEL, GB
[72] BETHEL, GARY, GB
[72] CLARK, ROBERT, GB
[72] ROTHAN, DOMINIQUE, FR
[71] SOLETANCHE FREYSSINET S.A.S., FR
[85] 2020-06-25
[86] 2019-02-08 (PCT/EP2019/053203)
[87] (WO2019/155024)
[30] GB (1802113.9) 2018-02-09

[21] **3,086,945**
[13] A1
[51] **Int.Cl. A61K 31/336 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **VARIANTS OF 2-[6-(4-CHLOROPHENOXY)HEXYL]-OXIRANE-2-CARBOXYLIC ACID FOR USE IN THE TREATMENT, PREVENTION AND/OR AMELIORATION OF BRAIN DISEASES**
[54] **VARIANTS D'ACIDE 2-[6-(4-CHLOROPHENOXY)HEXYL]-OXIRANE-2-CARBOXYLIQUE ET LEUR UTILISATION DANS LE TRAITEMENT, LA PREVENTION ET/OU L'AMELIORATION DES MALADIES CEREBRALES**
[72] NIELAND, JOSEPHUS DIRK, DK
[72] NIELAND, JETTE GOLLER KLOTH, DK
[71] META-IQ APS, DK
[85] 2020-06-25
[86] 2017-12-27 (PCT/EP2017/084632)
[87] (WO2018/122254)
[30] EP (16207324.1) 2016-12-29

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[13] A1
[51] **Int.Cl. H01J 37/32 (2006.01) H05H 1/46 (2006.01)**
[25] EN
[54] **MICROWAVE PLASMA DEVICE**
[54] **DISPOSITIF A PLASMA MICRO-ONDE**
[72] SPITZL, RALF, DE
[71] SPITZL, RALF, DE
[85] 2020-06-25
[86] 2018-12-21 (PCT/EP2018/000582)
[87] (WO2019/141337)
[30] DE (10 2018 000 401.6) 2018-01-19

[21] **3,086,947**
[13] A1
[51] **Int.Cl. A41D 19/00 (2006.01) A41D 19/015 (2006.01)**
[25] EN
[54] **GLOVE WITH LACING SYSTEM**
[54] **GANT A SYSTEME DE LACAGE**
[72] BOSS, MATTHIAS, CH
[71] LEKISPORT AG, CH
[85] 2020-06-25
[86] 2018-12-13 (PCT/EP2018/084722)
[87] (WO2019/141446)
[30] CH (00060/18) 2018-01-19

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[13] A1
[51] **Int.Cl. B01F 7/18 (2006.01) B01F 9/12 (2006.01) B01F 15/00 (2006.01) B01F 15/02 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **MIXING DEVICE HAVING A TWO-PART CLOSURE LID**
[54] **DISPOSITIF DE MELANGE POURVU D'UN COUVERCLE DE FERMETURE EN DEUX PARTIES**
[72] BLAU, SIMON, DE
[72] SCHMITT, CLEMENS, DE
[71] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG., DE
[85] 2020-06-25
[86] 2019-03-08 (PCT/EP2019/055871)
[87] (WO2019/175054)
[30] DE (10 2018 106 192.7) 2018-03-16

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[13] A1
[51] **Int.Cl. A47B 25/00 (2006.01) A47B 13/00 (2006.01) A47B 13/08 (2006.01) A47B 13/12 (2006.01) A47B 83/02 (2006.01) A47C 9/10 (2006.01) A63B 23/10 (2006.01) A63F 7/06 (2006.01)**
[25] EN
[54] **GAME TABLE AND GAME EQUIPMENT**
[54] **TABLE DE JEU ET EQUIPEMENT DE JEU**
[72] SAARINEN, JARNO, FI
[72] KORHONEN, MIKA, FI
[71] 4 FEET UNDER OY, FI
[85] 2020-06-25
[86] 2019-01-08 (PCT/FI2019/050009)
[87] (WO2019/138158)
[30] FI (20185025) 2018-01-09

[21] **3,086,950**
[13] A1
[51] **Int.Cl. H04W 4/02 (2018.01) G01S 5/02 (2010.01) H04L 29/08 (2006.01)**
[25] EN
[54] **ULTRASONIC LOCATION DETERMINATION SYSTEM WITH ROTATING IDENTIFIERS FOR DISTINGUISHING TRANSMITTERS**
[54] **SYSTEME DE DETERMINATION D'EMPLACEMENT A ULTRASONS COMPRENANT DES IDENTIFIANTS TOURNANTS PERMETTANT DE DISTINGUER DES EMETTEURS**
[72] BOOIJ, WILFRED EDWIN, NO
[72] BAKKA, ENDRE, NO
[72] ENGELHARDTSEN, FRITJOF BOGER, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060664)
[87] (WO2019/130245)
[30] US (15/858,690) 2017-12-29

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[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE**
[72] JONES, MARIA FRANCISCA, GB
[71] JONES, MARIA FRANCISCA, GB
[85] 2020-06-25
[86] 2018-12-31 (PCT/GB2018/053779)
[87] (WO2019/130025)
[30] GB (1722249.8) 2017-12-29

[21] **3,086,954**
[13] A1
[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **SANITARY PRODUCT WITH INTEGRATED SENSOR, SEMI-MANUFACTURED SANITARY PRODUCT, FABRICATION PLAN THEREFORE, AND METHOD FOR PRODUCING THEREOF**
[54] **PRODUIT SANITAIRE AVEC CAPTEUR INTEGRE, PRODUIT SANITAIRE SEMI-MANUFACTURE, PLAN DE FABRICATION ASSOCIE ET SON PROCEDE DE PRODUCTION**
[72] KAMMEYER, PER, DK
[71] ABENA HOLDING A/S, DK
[85] 2020-06-25
[86] 2019-01-04 (PCT/DK2019/050003)
[87] (WO2019/134728)
[30] DK (PA 2018 70008) 2018-01-05

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[13] A1
[51] **Int.Cl. G01S 5/18 (2006.01) G01S 5/30 (2006.01) G01S 11/14 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **POSITION DETERMINATION SYSTEM HAVING A DECONVOLUTION DECODER**
[54] **SYSTEME DE DETERMINATION DE POSITION COMPRENANT UN DECODEUR DE DECONVOLUTION**
[72] BOOIJ, WILFRED EDWIN, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060660)
[87] (WO2019/130242)
[30] US (15/858,700) 2017-12-29

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[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **IMPLANTATION TOOL AND PROTOCOL FOR OPTIMIZED SOLID SUBSTRATES PROMOTING CELL AND TISSUE GROWTH**
[54] **OUTIL D'IMPLANTATION ET PROTOCOLE POUR SUBSTRATS SOLIDES OPTIMISES FAVORISANT LA CROISSANCE CELLULAIRE ET TISSULAIRE**
[72] ALTSCHULER, NIR, IL
[71] CARTIHEAL (2009) LTD., IL
[85] 2020-06-25
[86] 2018-12-30 (PCT/IL2018/051413)
[87] (WO2019/135216)
[30] US (62/612,735) 2018-01-02
[30] US (62/783,221) 2018-12-21

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[13] A1
[51] **Int.Cl. G01S 19/48 (2010.01) G01S 5/02 (2010.01) G01S 5/18 (2006.01)**
[25] EN
[54] **LOCATION DETERMINATION USING ACOUSTIC-CONTEXTUAL DATA**
[54] **DETERMINATION DE LOCALISATION AU MOYEN DE DONNEES ACOUSTIQUES-CONTEXTUELLES**
[72] BOOIJ, WILFRED EDWIN, NO
[72] ANTILLE, CYRIL, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060661)
[87] (WO2019/130243)
[30] US (15/858,893) 2017-12-29

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[13] A1
[51] **Int.Cl. G01S 1/72 (2006.01) H04W 84/18 (2009.01) G01S 1/74 (2006.01) G01S 1/76 (2006.01) G01S 5/00 (2006.01) G01S 5/18 (2006.01)**
[25] EN
[54] **LOCATION DETERMINATION SYSTEM HAVING MESH INFRASTRUCTURE TO REDUCE POWER CONSUMPTION**
[54] **SYSTEME DE DETERMINATION D'EMPLACEMENT PRESENTANT UNE INFRASTRUCTURE MAILLEE PERMETTANT UNE REDUCTION DE LA CONSOMMATION D'ENERGIE**
[72] BOOIJ, WILFRED EDWIN, NO
[72] BAKKA, ENDRE, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060662)
[87] (WO2019/130244)
[30] US (15/858,632) 2017-12-29

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[13] A1
[51] **Int.Cl. H01M 4/36 (2006.01) H01M 4/525 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **MANGANESE PHOSPHATE COATED LITHIUM NICKEL OXIDE MATERIALS**
[54] **MATERIAUX D'OXYDE DE LITHIUM-NICKEL REVETUS DE PHOSPHATE DE MANGANESE**
[72] BRESSER, DOMINIC, DE
[72] PASSERINI, STEFANO, DE
[72] SHEN, ZEXIANG, SG
[72] CHEN, ZHEN, SG
[72] KIM, GUK-TAE, DE
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2020-06-25
[86] 2019-01-16 (PCT/GB2019/050114)
[87] (WO2019/141981)
[30] GB (1800742.7) 2018-01-17

[21] **3,086,961**
[13] A1
[51] **Int.Cl. B60R 25/04 (2013.01) B60R 25/20 (2013.01) B60R 25/23 (2013.01) B60R 25/06 (2013.01)**
[25] EN
[54] **VEHICLE ANTI-THEFT DEVICE**
[54] **DISPOSITIF ANTIVOL POUR VEHICULE**
[72] BEL, DANI (YECHIEL), IL
[71] NAHAV 2017 LTD., IL
[85] 2020-06-25
[86] 2019-01-03 (PCT/IL2019/050013)
[87] (WO2019/135229)
[30] US (62/614,428) 2018-01-07

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[13] A1
[51] **Int.Cl. G01S 5/18 (2006.01) G01S 5/26 (2006.01)**
[25] EN
[54] **LOCATION DETERMINATION USING ACOUSTIC MODELS**
[54] **DETERMINATION D'EMPLACEMENT A L'AIDE DE MODELES ACOUSTIQUES**
[72] BOOIJ, WILFRED EDWIN, NO
[72] ANTILLE, CYRIL, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060665)
[87] (WO2019/130246)
[30] US (15/858,845) 2017-12-29

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[13] A1
[51] **Int.Cl. C11D 3/04 (2006.01) C11D 3/32 (2006.01) C11D 3/50 (2006.01) C11D 7/10 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **LAUNDRY PERFUMING COMPOSITION**
[54] **COMPOSITION DE PARFUM POUR LE LINGE**
[72] SIJMONS, JESSICA, ES
[72] CARRARA, GIOVANNI, IT
[71] ZOBELE HOLDING S.P.A., ES
[85] 2020-06-25
[86] 2018-12-13 (PCT/IB2018/060029)
[87] (WO2019/130145)
[30] IT (102017000151150) 2017-12-29

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[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01) B65B 9/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING A SEALED SINGLE-DOSE BREAK-OPEN PACKAGE**
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'UN EMBALLAGE UNITAIRE FERME HERMETIQUEMENT A OUVERTURE PAR RUPTURE**
[72] GUSTVASSON, ERLAND JESPER, SE
[71] V-SHAPES S.R.L., IT
[85] 2020-06-25
[86] 2018-08-13 (PCT/IT2018/000108)
[87] (WO2019/138434)
[30] IT (102017000149752) 2018-01-09

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[13] A1
[51] **Int.Cl. G01S 5/18 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **POSITION DETERMINATION SYSTEM HAVING A DECONVOLUTION DECODER USING A JOINT SNR-TIME OF ARRIVAL APPROACH**
[54] **SYSTEME DE DETERMINATION DE POSITION COMPRENANT UN DECODEUR DE DECONVOLUTION UTILISANT UNE APPROCHE COMBINEE SNR-TEMPS D'ARRIVEE**
[72] BOOIJ, WILFRED EDWIN, NO
[72] ANTILLE, CYRIL, NO
[72] BAKKA, ENDRE, NO
[72] OPLENSKEDAL, MAGNUS, NO
[71] SONITOR TECHNOLOGIES AS, NO
[85] 2020-06-25
[86] 2018-12-27 (PCT/IB2018/060666)
[87] (WO2019/130247)
[30] US (15/858,683) 2017-12-29

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[13] A1
[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/39 (2006.01)**
[25] EN
[54] **LAUNDRY ADDITIVE FOR REMOVING STAINS**
[54] **ADDITIF DE BLANCHISSERIE POUR ELIMINER LES TACHES**
[72] RIERA, MONTSERRAT, ES
[72] GARAVAGLIA, SILVANO, IT
[72] CARRARA, GIOVANNI, IT
[71] ZOBELE HOLDING S.P.A., ES
[85] 2020-06-25
[86] 2018-12-13 (PCT/IB2018/060030)
[87] (WO2019/130146)
[30] IT (102017000151017) 2017-12-29

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[13] A1
[51] **Int.Cl. B23K 26/06 (2014.01) B23K 26/242 (2014.01) B23K 26/322 (2014.01) B23K 26/32 (2014.01)**
[25] EN
[54] **METHOD FOR BUTT LASER WELDING TWO METAL SHEETS WITH FIRST AND SECOND FRONT LASER BEAMS AND A BACK LASER BEAM**
[54] **PROCEDE DE SOUDAGE LASER BOUT A BOUT DE DEUX FEUILLES METALLIQUES AU MOYEN DE PREMIER ET SECOND FAISCEAUX LASER AVANT ET D'UN FAISCEAU LASER ARRIERE**
[72] VIERSTRAETE, RENE, FR
[71] ARCELORMITTAL, LU
[85] 2020-06-25
[86] 2018-12-19 (PCT/IB2018/060367)
[87] (WO2019/130169)
[30] IB (PCT/IB2017/058402) 2017-12-26

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[13] A1
[51] **Int.Cl. C10M 141/12 (2006.01)**
[25] EN
[54] **ULTRA LOW ASH LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE A TRES FAIBLE TENEUR EN CENDRES**
[72] MILLER, JOHN ROBERT, US
[72] CARABELL, KEVIN DAVID, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-06-25
[86] 2019-01-03 (PCT/IB2019/050045)
[87] (WO2019/142059)
[30] US (15/875,269) 2018-01-19

[21] **3,086,974**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01)**
[25] EN
[54] **SYSTEM INVERTING CONTROLLER FOR LASER SCANNING SYSTEMS**
[54] **DISPOSITIF DE COMMANDE D'INVERSION DE SYSTEME POUR SYSTEMES DE BALAYAGE LASER**
[72] BERKE, JEREMY KRISEL, US
[71] ALCON INC., CH
[85] 2020-06-25
[86] 2019-02-04 (PCT/IB2019/050869)
[87] (WO2019/155344)
[30] US (62/628,620) 2018-02-09

[21] **3,086,975**
[13] A1
[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **SEALED SINGLE-DOSE BREAK-OPEN PACKAGE AND RELATIVE PRODUCTION METHOD**
[54] **EMBALLAGE A OUVERTURE PAR RUPTURE, POUR DOSE UNIQUE, SCELLE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] GUSTVASSON ERLAND JESPER, SE
[71] V-SHAPES S.R.L., IT
[85] 2020-06-25
[86] 2018-12-18 (PCT/IT2018/000166)
[87] (WO2019/138435)
[30] IT (102017000149752) 2018-01-09
[30] IT (102017000149766) 2018-01-09

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **LIPID-BASED OPHTHALMIC EMULSION**
[54] **EMULSION OPHTALMIQUE A BASE DE LIPIDES**
[72] KETELSON, HOWARD ALLEN, US
[72] DAVIS, JAMES W., US
[72] RANGARAJAN, REKHA, US
[71] ALCON INC., CH
[85] 2020-06-25
[86] 2019-02-21 (PCT/IB2019/051432)
[87] (WO2019/162882)
[30] US (62/633,359) 2018-02-21

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[13] A1
[51] **Int.Cl. C04B 26/04 (2006.01) C09K 8/44 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE PERMEABILITY OF A PETROLEUM WELL**
[54] **PROCEDE DE REGULATION DE LA PERMEABILITE D'UN PUITS DE PETROLE**
[72] DI BIASE, ELISA, IT
[72] MINELLI, MATIA, IT
[72] MOSCATELLI, DAVIDE, IT
[72] AGOSTINI, AZZURRA, IT
[71] ENI S.P.A., IT
[85] 2020-06-25
[86] 2018-12-28 (PCT/IB2018/060679)
[87] (WO2019/130253)
[30] IT (102017000151257) 2017-12-29

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[13] A1
[51] **Int.Cl. A24D 1/02 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **FILTERED SMOKING ARTICLE**
[54] **ARTICLE A FUMER A FILTRE**
[72] SAKURAI, TORU, JP
[72] HIDESHIMA, TAKU, JP
[72] KUROMIYA, YUSUKE, JP
[71] JAPAN TOBACCO INC., JP
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[54] **BASE STATION AND RADIO COMMUNICATION METHOD**
[54] **STATION DE BASE RADIO ET PROCEDE DE RADIOCOMMUNICATION**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
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[54] **HYDROGEN GAS GENERATING BODY**
[54] **CORPS GENERATEUR DE GAZ HYDROGENE**
[72] FUKUOKA, KAZUHISA, JP
[71] ECOMO INTERNATIONAL CO., LTD., JP
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[54] **FEEDING MANAGEMENT SYSTEM AND FEEDING MANAGEMENT METHOD**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION ET PROCEDE DE COMMANDE D'ALIMENTATION**
[72] NAKAGAWA, KAZUKI, JP
[72] FUJIEDA, TAKESHI, JP
[72] MIKAMI, TAKASHI, JP
[72] SATO, KAZUHIRO, JP
[72] ONISHI, AI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2020-06-25
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[54] **HOT-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE EN ACIER LAMINEE A CHAUD, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] KIMURA, HIDEYUKI, JP
[72] YOKOTA, TAKESHI, JP
[72] TSUTSUMI, SATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2020-06-25
[86] 2018-12-11 (PCT/JP2018/045414)
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[25] EN
[54] **SOLID FUEL BURNER AND FLAME STABILIZER FOR SOLID FUEL BURNER**
[54] **BRULEUR A COMBUSTIBLE SOLIDE ET STABILISATEUR DE FLAMME POUR BRULEUR A COMBUSTIBLE SOLIDE**
[72] TADAKUMA, SATOSHI, JP
[72] BABA, AKIRA, JP
[72] KURAMASHI, KOJI, JP
[72] ARUGA, TAKESHI, JP
[72] MITO, SHOHEI, JP
[72] KITAKAZE, KOSUKE, JP
[72] MINE, TOSHIHIKO, JP
[71] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2020-06-25
[86] 2018-12-18 (PCT/JP2018/046599)
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[54] **STARTING MATERIAL FOR BULK DRUG OR ADDITIVES FOR DRUG, AND BULK DRUG OR DRUG USING SAME**
[54] **MATERIAU DE DEPART POUR MEDICAMENT EN VRAC OU ADDITIFS POUR MEDICAMENT, ET MEDICAMENT EN VRAC OU MEDICAMENT LE CONTENANT**
[72] MOTOFUJI, SHIHEI, JP
[72] NAKAI, KENICHIRO, JP
[72] MICHIGAMI, KYOSUKE, JP
[72] MATSUMOTO, ITSUKA, JP
[71] SANYO CHEMICAL INDUSTRIES, LTD., JP
[85] 2020-06-25
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[54] **IMAGING DEVICE AND IMAGING METHOD**
[54] **DISPOSITIF DE CAPTURE D'IMAGE ET PROCEDE DE CAPTURE D'IMAGE**
[72] HOUJOU, YOSHIHARU, JP
[72] AOKI, NOBUHIRO, JP
[72] MINEO, SHIGEKI, JP
[71] CASIO COMPUTER CO., LTD., JP
[85] 2020-06-25
[86] 2018-12-25 (PCT/JP2018/047461)
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[30] JP (2017-250772) 2017-12-27
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[25] EN
[54] **METHOD FOR RECOVERING NUCLEIC ACID**
[54] **METHODE DE RECUPERATION D'ACIDE NUCLEIQUE**
[72] SEKIGUCHI, SHOTA, JP
[72] ARAI, TAIGA, JP
[72] ITOU, MASATERU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-06-25
[86] 2018-12-26 (PCT/JP2018/047845)
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[51] **Int.Cl. G02B 6/44 (2006.01) E21B 47/135 (2012.01)**
[25] EN
[54] **FIBER OPTIC CABLE FOR INHIBITING BREACHING FLUID FLOW**
[54] **CABLE A FIBRES OPTIQUES POUR EMPECHER UN ECOULEMENT DE FLUIDE DE RUPTURE**
[72] TAVERNER, DOMINO, US
[72] GRUNBECK, JOHN J., US
[72] KIDDY, JASON SCOTT, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2020-06-23
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[51] **Int.Cl. G21C 19/42 (2006.01)**
[25] EN
[54] **METHOD OF REPROCESSING NITRIDE SPENT NUCLEAR FUEL IN SALT MELTS**
[54] **PROCEDE DE RETRAITEMENT DE COMBUSTIBLE NUCLEAIRE IRRADIE DANS DES BAINS DE FUSION DE SEL**
[72] ZAJKOV, YURIJ PAVLOVICH, RU
[72] SHISHKIN, VLADIMIR YUREVICH, RU
[72] KOVROV, VADIM ANATOLEVICH, RU
[72] POTAPOV, ALEKSEJ MIKHAJLOVICH, RU
[72] SUZDALTSEV, ANDREJ VIKTOROVICH, RU
[72] SUKHANOV, LEONID PETROVICH, RU
[72] GERASIMENKO, MAKSIM NIKOLAEVICH, RU
[72] ZHITKOV, ALEKSANDR SERGEEVICH, RU
[71] STATE ATOMIC ENERGY CORPORATION "ROSATOM" ON BEHALF OF THE RUSSIAN FEDERATION, RU
[85] 2020-06-24
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[54] **METHODS AND COMPOSITIONS FOR ANALYZING NUCLEIC ACID**
[54] **PROCEDES ET COMPOSITIONS D'ANALYSE D'ACIDE NUCLEIQUE**
[72] HARKINS KINCAID, KELLY M., US
[72] KAPP, JOSHUA D., US
[72] TROLL, CHRISTOPHER J., US
[71] CLARET BIOSCIENCE, LLC, US
[85] 2020-06-24
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[30] US (62/769,787) 2018-11-20

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[25] EN
[54] **METHOD FOR PREPARING TERT-BUTYL N-((1R,2S,5S)-2-((2-((5-CHLOROPYRIDIN-2-YL)AMINO)-2-OXOACETYL)AMINO)-5-(DIMETHYLCARBAMOYL)CYCLOHEXYL)CARBAMATE**
[54] **PROCEDE DE PREPARATION DE N-((1R,2S,5S)-2-((2-((5-CHLOROPYRIDIN-2-YL)AMINO)-2-OXOACETYL)AMINO)-5-(DIMETHYLCARBAMOYL)CYCLOHEXYL)CARBAMATE TERT-BUTYLE**
[72] GARCIA GARCIA, ELENA, ES
[72] DOBARRO RODRIGUEZ, ALICIA, ES
[71] MOEHS IBERICA, S.L., ES
[85] 2020-06-24
[86] 2019-02-13 (PCT/EP2019/053484)
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[51] **Int.Cl. B05B 5/00 (2006.01) B05B 5/025 (2006.01) B05B 5/03 (2006.01) B05B 5/043 (2006.01) B05B 5/053 (2006.01) B05B 5/057 (2006.01) B05B 12/08 (2006.01) B05B 12/12 (2006.01)**
[25] EN
[54] **ELECTROSTATIC SPRAYER**
[54] **PULVERISATEUR ELECTROSTATIQUE**
[72] SIDES, MICHAEL L., US
[71] E-MIST INNOVATIONS, INC., US
[85] 2020-06-15
[86] 2018-12-27 (PCT/US2018/067738)
[87] (WO2019/133746)
[30] US (62/612,135) 2017-12-29

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[51] **Int.Cl. C07K 14/71 (2006.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 14/765 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ACTIVIN RECEPTOR TYPE IIB VARIANTS AND METHODS OF USE THEREOF**
[54] **VARIANTS DE TYPE IIB DU RECEPTEUR DE L'ACTIVINE ET LEURS METHODES D'UTILISATION**
[72] SEEHRA, JASBIR S., US
[72] LACHEY, JENNIFER, US
[71] KEROS THERAPEUTICS, INC., US
[85] 2020-06-24
[86] 2019-01-11 (PCT/US2019/013329)
[87] (WO2019/140283)
[30] US (62/616,991) 2018-01-12
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[51] **Int.Cl. C07K 5/08 (2006.01) A61K 31/437 (2006.01) A61K 38/06 (2006.01) A61P 35/00 (2006.01) C07K 5/083 (2006.01)**
[25] EN
[54] **DEUTERATED COMPOUNDS, COMPOSITIONS, AND METHODS FOR TREATING CANCERS ASSOCIATED WITH ETBR ACTIVATION**
[54] **COMPOSES DEUTERES, COMPOSITIONS ET METHODES DE TRAITEMENT DE CANCERS ASSOCIES A L'ACTIVATION D'ETBR**
[72] JAMAL, SUMAYAH, US
[71] ENB THERAPEUTICS, INC., US
[85] 2020-06-24
[86] 2019-01-11 (PCT/US2019/013377)
[87] (WO2019/140324)
[30] US (62/616,729) 2018-01-12

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G01C 21/34 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR AUTONOMOUS TACTICAL VEHICLE CONTROL**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE COMMANDE DE VEHICULE TACTIQUE AUTONOME**
[72] EKL, RANDY L., US
[72] FANG, ZHENG, US
[72] JOHNSON, ERIC, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2020-06-17
[86] 2018-12-10 (PCT/US2018/064739)
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[30] US (15/855,551) 2017-12-27

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[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] FR
[54] **ELECTRICAL ACCUMULATOR BATTERY**
[54] **BATTERIE D'ACCUMULATEURS ELECTRIQUES**
[72] THOMAS, REMY, FR
[72] FERNANDEZ, ERIC, FR
[72] BACQUET, SYLVAIN, FR
[72] CASSARINO, LEANDRO, FR
[72] DESPESSE, GHISLAIN, FR
[72] LOPEZ, YAN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2020-06-25
[86] 2018-12-24 (PCT/FR2018/053547)
[87] (WO2019/129994)
[30] FR (1763253) 2017-12-27

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[51] **Int.Cl. C02F 1/58 (2006.01) C01F 11/46 (2006.01) C02F 1/28 (2006.01) C02F 1/62 (2006.01) C02F 1/70 (2006.01) C22B 3/44 (2006.01) C22B 3/46 (2006.01)**
[25] EN
[54] **METHOD OF TREATING WASTEWATER**
[54] **PROCEDE DE TRAITEMENT D'EAUX USEES**
[72] HARAGUCHI, DAISUKE, JP
[72] HAYASHI, HIROSHI, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2020-06-25
[86] 2018-12-27 (PCT/JP2018/048026)
[87] (WO2019/131827)
[30] JP (2017-250886) 2017-12-27

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[51] **Int.Cl. C02F 1/58 (2006.01) C01F 11/46 (2006.01) C02F 1/62 (2006.01) C02F 1/70 (2006.01) C22B 3/44 (2006.01) C22B 3/46 (2006.01)**
[25] EN
[54] **METHOD OF TREATING WASTEWATER**
[54] **PROCEDE DE TRAITEMENT D'EAUX USEES**
[72] HARAGUCHI, DAISUKE, JP
[72] HAYASHI, HIROSHI, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2020-06-25
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[30] JP (2017-250885) 2017-12-27

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[51] **Int.Cl. A61K 45/00 (2006.01) C12Q 1/6844 (2018.01) A61K 35/36 (2015.01) A61P 9/10 (2006.01) A61P 25/20 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **LIPOCALIN-TYPE PROSTAGLANDIN D2 SYNTHASE PRODUCTION PROMOTING AGENT**
[54] **AGENT D'ACCELERATION DE LA PRODUCTION DE PROSTAGLANDINE D2 SYNTHASE DE TYPE LIPOCALINE**
[72] MATSUYAMA, TOMOHIRO, JP
[72] NAKAGOMI, TAKAYUKI, JP
[72] FUKUDA, YU, JP
[71] HYOGO COLLEGE OF MEDICINE, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2020-06-25
[86] 2018-12-27 (PCT/JP2018/048141)
[87] (WO2019/131879)
[30] JP (2017-253170) 2017-12-28

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[13] A1
[51] **Int.Cl. A61K 31/444 (2006.01) A61K 31/5575 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL PREPARATION CONTAINING PYRIDYL AMINOACETIC ACID COMPOUND**
[54] **PREPARATION PHARMACEUTIQUE CONTENANT UN COMPOSE D'ACIDE PYRIDYLAMINOACETIQUE**
[72] KAWATA, HISASHI, JP
[72] KAWABATA, NORIKO, JP
[72] SHAMS, NAVEED, US
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2020-06-25
[86] 2018-12-27 (PCT/JP2018/048228)
[87] (WO2019/131901)
[30] US (62/611,017) 2017-12-28

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[51] **Int.Cl. H04N 21/218 (2011.01) H04N 21/258 (2011.01) H04N 21/262 (2011.01) H04N 21/45 (2011.01) H04L 29/08 (2006.01) H04N 21/222 (2011.01) H04N 21/2225 (2011.01) H04N 21/231 (2011.01) H04N 21/25 (2011.01) H04N 21/4147 (2011.01) H04N 21/433 (2011.01) H04N 21/466 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTENDING STORAGE SPACE OF A USER DEVICE**
[54] **SYSTEMES ET PROCEDES D'EXTENSION D'UN ESPACE DE STOCKAGE D'UN DISPOSITIF UTILISATEUR**
[72] BATES, ADAM, US
[72] PATTERSON, JESSE F., US
[72] BERNER, MARK K., US
[72] DORSEY, ERIC, US
[72] LOGAN, JONATHAN A., US
[72] CHAMBERLIN, DAVID W., US
[72] STEVENS, PAUL, US
[72] WATERMAN, HERBERT A., US
[71] ROVI GUIDES, INC., US
[85] 2020-06-25
[86] 2018-06-26 (PCT/US2018/039410)
[87] (WO2019/133046)
[30] US (15/858,612) 2017-12-29

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[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01) G06K 9/00 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRESENTING SUPPLEMENTAL CONTENT IN AUGMENTED REALITY**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION DE CONTENU SUPPLEMENTAIRE DANS UNE REALITE AUGMENTEE**
[72] BATES, ADAM, US
[72] PATTERSON, JESSE F., US
[72] BERNER, MARK K., US
[72] DORSEY, ERIC, US
[72] LOGAN, JONATHAN A., US
[72] CHAMBERLIN, DAVID W., US
[72] STEVENS, PAUL, US
[72] WATERMAN, HERBERT A., US
[71] ROVI GUIDES, INC., US
[85] 2020-06-25
[86] 2018-06-29 (PCT/US2018/040339)
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[13] A1
[51] **Int.Cl. B01J 23/50 (2006.01) B01J 35/00 (2006.01) B01J 37/00 (2006.01) B01J 37/02 (2006.01) C07D 301/10 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING AN EPOXIDATION CATALYST**
[54] **PROCESSUS DE PREPARATION D'UN CATALYSEUR D'EPOXYDATION**
[72] GROHOL, DANIEL, US
[72] SRNAK, THOMAS Z., US
[72] TWAY, CATHY L., US
[72] ATHENS, GEORGE L., US
[72] ESSENMACHER, KYLE R., US
[72] SEABOLT, GARY M., US
[72] MUNRO, TIM D., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2020-06-15
[86] 2018-11-30 (PCT/US2018/063193)
[87] (WO2019/133174)
[30] US (62/611,177) 2017-12-28

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[51] **Int.Cl. F01K 25/02 (2006.01) F01D 15/10 (2006.01) F01D 21/00 (2006.01) F01K 9/02 (2006.01) F01K 13/02 (2006.01)**
[25] EN
[54] **PUMP CONTROL OF CLOSED CYCLE POWER GENERATION SYSTEM**
[54] **COMMANDE DE POMPE DE SYSTEME DE PRODUCTION D'ENERGIE A CYCLE FERME**
[72] APTE, RAJ B., US
[72] LAROCHELLE, PHILIPPE, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-11-17 (PCT/US2017/062117)
[87] (WO2018/125421)
[30] US (15/392,653) 2016-12-28

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[13] A1
[51] **Int.Cl. F02G 1/043 (2006.01) F01K 27/02 (2006.01) F02G 1/055 (2006.01)**
[25] EN
[54] **STORAGE OF EXCESS HEAT IN COLD SIDE OF HEAT ENGINE**
[54] **STOCKAGE DE CHALEUR EN EXCES DANS LE COTE FROID D'UN MOTEUR THERMIQUE**
[72] LAROCHELLE, PHILIPPE, US
[72] APTE, RAJ, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-11-30 (PCT/US2017/064074)
[87] (WO2018/125510)
[30] US (15/392,657) 2016-12-28

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[13] A1
[51] **Int.Cl. F02G 1/043 (2006.01) F01D 15/10 (2006.01) F02C 1/10 (2006.01)**
[25] EN
[54] **VARIABLE PRESSURE INVENTORY CONTROL OF CLOSED CYCLE SYSTEM WITH A HIGH PRESSURE TANK AND AN INTERMEDIATE PRESSURE TANK**
[54] **COMMANDE D'INVENTAIRE A PRESSION VARIABLE D'UN SYSTEME A CYCLE FERME AVEC UN RESERVOIR A HAUTE PRESSION ET UN RESERVOIR A PRESSION INTERMEDIAIRE**
[72] APTE, RAJ, US
[72] LAROCHELLE, PHILIPPE, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-11-30 (PCT/US2017/064076)
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[30] US (15/392,927) 2016-12-28

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[51] **Int.Cl. F01K 25/00 (2006.01) F02C 1/10 (2006.01) F02G 1/04 (2006.01)**
[25] EN
[54] **USE OF EXTERNAL AIR FOR CLOSED CYCLE INVENTORY CONTROL**
[54] **UTILISATION D'AIR EXTERNE POUR UNE COMMANDE D'INVENTAIRE A CYCLE FERME**
[72] APTE, RAJ, US
[72] LAROCHELLE, PHILIPPE, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-12-07 (PCT/US2017/065201)
[87] (WO2018/125535)
[30] US (15/394,572) 2016-12-29

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[13] A1
[51] **Int.Cl. F01K 13/02 (2006.01) F02C 1/10 (2006.01) F02G 1/04 (2006.01)**
[25] EN
[54] **VARIABLE PRESSURE TURBINE**
[54] **TURBINE A PRESSION VARIABLE**
[72] APTE, RAJ, US
[72] DEVAUL, RICHARD, US
[72] LAROCHELLE, PHILIPPE, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-12-11 (PCT/US2017/065645)
[87] (WO2018/125550)
[30] US (15/395,622) 2016-12-30

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[51] **Int.Cl. F01K 23/02 (2006.01) F01D 15/10 (2006.01) F01D 17/14 (2006.01) F02C 6/14 (2006.01)**
[25] EN
[54] **MODULAR THERMAL STORAGE**
[54] **STOCKAGE THERMIQUE MODULAIRE**
[72] APTE, RAJ, US
[72] LAROCHELLE, PHILIPPE, US
[72] GREEN, JULIAN, US
[71] MALTA INC., US
[85] 2020-06-25
[86] 2017-12-18 (PCT/US2017/067049)
[87] (WO2018/125638)
[30] US (15/396,461) 2016-12-31

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[51] **Int.Cl. A23K 20/174 (2016.01) A23K 10/30 (2016.01) A23K 20/10 (2016.01) A23K 20/147 (2016.01) A23K 20/158 (2016.01) A23K 20/163 (2016.01) A23K 20/22 (2016.01)**
[25] EN
[54] **NOVEL PALATABLE PET FOOD COMPOSITION**
[54] **NOUVELLE COMPOSITION D'ALIMENT POUR ANIMAUX DE COMPAGNIE AU GOUT AGREABLE**
[72] KUERZINGER, HUBERT, DE
[72] PIERING, SCOTT T., US
[72] KUHLMANN, DIETMAR, DE
[72] MOLLER, INES, DE
[71] SPECTRUM BRANDS, INC., US
[71] TETRA GMBH, DE
[85] 2020-06-25
[86] 2017-12-29 (PCT/US2017/068982)
[87] (WO2019/132983)

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61K 39/44 (2006.01) A61P 37/08 (2006.01) C07K 16/00 (2006.01) C07K 16/42 (2006.01)**
[25] EN
[54] **PEPTIDE IMMUNOGENS AND FORMULATIONS THEREOF TARGETING MEMBRANE-BOUND IGE FOR TREATMENT OF IGE MEDIATED ALLERGIC DISEASES**
[54] **IMMUNOGENES PEPTIDIQUES ET FORMULATIONS DE CEUX-CI CIBLANT LES IGE MEMBRANAIRES POUR LE TRAITEMENT DE MALADIES ALLERGIQUES MEDIEES PAR LES IGE**
[72] WANG, CHANG YI, US
[72] LIN, FENG, US
[72] CHEN, JIUN BO, US
[71] UNITED BIOMEDICAL, INC., US
[85] 2020-06-25
[86] 2017-12-31 (PCT/US2017/069174)
[87] (WO2019/133024)

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[51] **Int.Cl. H01Q 7/08 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CO-LOCATED ANTENNAS**
[54] **ANTENNES CO-SITUEES**
[72] PRAKASH, ANAND, US
[72] GRIFFING, MATTHEW CHASE, US
[71] HALLIBURTON ENERGY SERVICES, INC, US
[85] 2020-06-25
[86] 2018-03-05 (PCT/US2018/020965)
[87] (WO2019/172880)

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 41/00 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **MULTI-WELL RANGING AND DRILL PATH DETERMINATION**
[54] **TELEMETRIE MULTIPUITS ET DETERMINATION DE TRAJET DE FORAGE**
[72] FAN, YIJING, SG
[72] DONDERICI, BURKAY, US
[72] WU, HSU-HSIANG, US
[72] PAN, LI, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-25
[86] 2018-03-26 (PCT/US2018/024368)
[87] (WO2019/190464)

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[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING CUSTOMIZED SHARED VIEWING EXPERIENCES IN VIRTUAL REALITY ENVIRONMENTS**
[54] **SYSTEMES ET PROCEDES DE GENERATION D'EXPERIENCES DE VISUALISATION PARTAGEES PERSONNALISEES DANS DES ENVIRONNEMENTS DE REALITE VIRTUELLE**
[72] LOGAN, JONATHAN A., US
[72] BATES, ADAM, US
[72] JAMEELA, HAFIZA, US
[72] PATTERSON, JESSE F., US
[72] BERNER, MARK K., US
[72] DORSEY, ERIC, US
[72] CHAMBERLIN, DAVID W., US
[72] STEVENS, PAUL, US
[72] WATERMAN, HERBERT A., US
[71] ROVI GUIDES, INC., US
[85] 2020-06-25
[86] 2018-06-25 (PCT/US2018/039343)
[87] (WO2019/133045)
[30] US (15/856,941) 2017-12-28
[30] US (15/856,657) 2017-12-28

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[51] **Int.Cl. F22B 37/14 (2006.01) F01K 7/16 (2006.01) F22B 3/02 (2006.01) F22B 37/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STEAM REHEAT IN POWER PLANTS**
[54] **SYSTEMES ET PROCEDES DE RECHAUFFEMENT DE VAPEUR DANS DES CENTRALES DE PRODUCTION D'ENERGIE**
[72] LOEWEN, ERIC P., US
[72] RASMUSSEN, SCOTT E., US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
[85] 2020-06-25
[86] 2018-09-11 (PCT/US2018/050318)
[87] (WO2019/133080)
[30] US (15/857,532) 2017-12-28

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[51] **Int.Cl. A61M 5/315 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **BUFFERING AGENT CARTRIDGE**
[54] **CARTOUCHE D'AGENT TAMPON**
[72] MOORE, WILLIAM J., US
[71] MOORE, WILLIAM J., US
[85] 2020-06-25
[86] 2018-09-13 (PCT/US2018/050902)
[87] (WO2019/055669)
[30] US (15/703,952) 2017-09-13

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[13] A1
[51] **Int.Cl. C12N 15/81 (2006.01) C12N 9/42 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE MANAGEMENT OF HYPERGLYCEMIA AND RELATED CONDITIONS**
[54] **COMPOSITIONS POUR LA PRISE EN CHARGE DE L'HYPERGLYCEMIE ET D'ETATS DE SANTE ASSOCIES**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] MUNDKUR, LAKSHMI, IN
[71] SAMI LABS LIMITED, IN
[85] 2020-06-25
[86] 2018-12-26 (PCT/US2018/067480)
[87] (WO2019/133588)
[30] US (62/610,565) 2017-12-27

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **SHIFTING TOOL HAVING PUNCTURE DEVICE, SYSTEM, AND METHOD**
[54] **OUTIL DE DEPLACEMENT AYANT UN DISPOSITIF DE PERFORATION, SYSTEME ET PROCEDE**
[72] JACKSON, TODD CHRISTOPHE, US
[72] VAN DORT, ROLAND MARCEL, US
[72] SINCLAIR, EWAN, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2020-06-25
[86] 2018-11-27 (PCT/US2018/062554)
[87] (WO2019/139680)

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[13] A1
[51] **Int.Cl. A01N 43/04 (2006.01) A01N 63/00 (2020.01) A01N 65/00 (2009.01)**
[25] EN
[54] **EXPRESSION OF METABOLIC MODULATORS IN TUMOR MICROENVIRONMENT TO IMPROVE TUMOR THERAPY**
[54] **EXPRESSION DE MODULATEURS METABOLIQUES DANS UN MICROENVIRONNEMENT TUMORAL POUR AMELIORER UNE THERAPIE TUMORALE**
[72] DELGOFFE, GREG M., US
[72] RIVADENEIRA, DAYANA, US
[72] SAMPATH, PADMAVATHI, US
[72] THORNE, STEPHEN H., US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2020-06-24
[86] 2019-01-28 (PCT/US2019/015434)
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[51] **Int.Cl. B25J 9/00 (2006.01)**
[25] FR
[54] **EXOSKELETON STRUCTURE**
[54] **STRUCTURE D'EXOSQUELETTE**
[72] SOUCY, FRANCISCO, CA
[72] ZOSO, NATHANIEL, CA
[72] GAGNE, SYLVAIN, CA
[72] BELANGER-DESBIENS, ALEXANDRE, CA
[72] GRENIER, JORDANE, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] B-TEMIA INC., CA
[85] 2020-06-25
[86] 2018-12-28 (PCT/EP2018/097085)
[87] (WO2019/129856)
[30] FR (1763301) 2017-12-28

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[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) G01N 29/44 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO GENERATE AN ACOUSTIC EMISSION SPECTRUM USING AMPLITUDE DEMODULATION**
[54] **PROCEDES ET APPAREIL DE PRODUCTION D'UN SPECTRE D'EMISSION ACOUSTIQUE A L'AIDE D'UNE DEMODULATION D'AMPLITUDE**
[72] DAHME, BRET ANTHONY, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2020-06-25
[86] 2018-11-29 (PCT/US2018/063051)
[87] (WO2019/133171)
[30] US (15/855,625) 2017-12-27

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[13] A1
[51] **Int.Cl. H04N 5/355 (2011.01) H04N 5/369 (2011.01)**
[25] EN
[54] **MULTIPLE OPERATING MODES TO EXPAND DYNAMIC RANGE**
[54] **MODES DE FONCTIONNEMENT MULTIPLES POUR ETENDRE LA PLAGE DYNAMIQUE**
[72] WENDEL, ANDREAS, US
[72] DITTMER, JEREMY, US
[72] HERMALYN, BRENDAN, US
[72] INGRAM, BENJAMIN, US
[71] WAYMO LLC, US
[85] 2020-06-25
[86] 2018-11-30 (PCT/US2018/063332)
[87] (WO2019/133177)
[30] US (62/611,206) 2017-12-28
[30] US (16/199,998) 2018-11-26

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[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) G01N 29/44 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO GENERATE AN ACOUSTIC EMISSION SPECTRUM USING CHIRP DEMODULATION**
[54] **PROCEDES ET APPAREIL POUR GENERER UN SPECTRE D'EMISSION ACOUSTIQUE PAR DEMODULATION CHIRP**
[72] DAHME, BRET ANTHONY, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2020-06-25
[86] 2018-12-05 (PCT/US2018/064021)
[87] (WO2019/133205)
[30] US (15/855,663) 2017-12-27

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[13] A1
[25] EN
[54] **COMPOSITIONS CONTAINING THYMOHYDROQUINONE AND THEIR METHOD OF PREPARATION**
[54] **COMPOSITIONS CONTENANT DE LA THYMOHYDROQUINONE ET LEUR PROCEDE DE PREPARATION**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] BHAT, BEENA, IN
[71] SAMI LABS LIMITED, IN
[85] 2020-06-25
[86] 2018-12-26 (PCT/US2018/067478)
[87] (WO2019/133587)
[30] US (62/610,565) 2017-12-27

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[13] A1
[25] EN
[54] **PROCESS FOR THE PREPARATION OF AN AMINO-PYRIMIDINE AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION D'UNE AMINO-PYRIMIDINE ET DE SES INTERMEDIAIRES**
[72] PETERSON, MATTHEW, US
[72] LU, KEVIN, US
[72] MORGAN, BRADLEY, US
[72] MORGANS, DAVID, US
[72] FUKUYAMA, TOHRU, US
[71] CYTOKINETICS, INCORPORATED, US
[85] 2020-06-25
[86] 2018-12-26 (PCT/US2018/067500)
[87] (WO2019/133605)
[30] US (62/610,302) 2017-12-26

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[13] A1
[25] EN
[54] **METHODS, APPARATUSES, AND SYSTEMS FOR THE TREATMENT OF DISEASE STATES AND DISORDERS**
[54] **METHODES, APPAREILS ET SYSTEMES POUR LE TRAITEMENT D'ETATS PATHOLOGIQUES ET DE TROUBLES**
[72] BEETEL, ROBERT J., III, US
[72] WALDSTREICHER, JONATHAN RUEBEN, US
[72] KRIMSKY, WILLIAM SANDFORD, US
[72] ZARINS, DENISE M., US
[72] FRIEDRICHS, PAUL BRIAN, US
[72] TAYLOR, KEVIN JAMES, US
[72] TUROVSKIY, ROMAN, US
[72] LONG, GARY L., US
[72] NEAL, ROBERT E., II, US
[71] GALARY, INC., US
[85] 2020-06-25
[86] 2018-12-26 (PCT/US2018/067501)
[87] (WO2019/133606)
[30] US (62/610,430) 2017-12-26

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[13] A1
[51] **Int.Cl. F04B 47/02 (2006.01) E21B 43/12 (2006.01) F04B 49/06 (2006.01) F04B 49/10 (2006.01) F04B 51/00 (2006.01)**
[25] EN
[54] **MITIGATING FLUID POUND EFFECTS UNDER INCOMPLETE PUMP FILLAGE CONDITIONS**
[54] **ATTENUATION D'EFFETS DE FLUIDE DANS DES CONDITIONS DE REMPLISSAGE INCOMPLET DE POMPE**
[72] PEREZ, GERARDO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2020-06-25
[86] 2018-12-14 (PCT/US2018/065834)
[87] (WO2019/133306)
[30] US (15/858,833) 2017-12-29

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[13] A1
[51] **Int.Cl. A01M 23/38 (2006.01) A01M 19/00 (2006.01) A01M 23/12 (2006.01) A01M 31/00 (2006.01) G11C 5/14 (2006.01)**
[25] EN
[54] **ELECTRONIC RODENT TRAP WITH VOLTAGE BOOSTER CIRCUIT FOR IMPROVED TRAP PERFORMANCE OVER THE LIFE OF THE BATTERY**
[54] **PIEGE A RONGEURS ELECTRONIQUE AVEC CIRCUIT SURVOLTEUR POUR DES PERFORMANCES DE PIEGE AMELIOREES PENDANT LA DUREE DE VIE DE LA BATTERIE**
[72] WANNINGER, DANIEL, US
[72] MURPHY, KEVIN, US
[71] WOODSTREAM CORPORATION, US
[85] 2020-06-25
[86] 2018-12-18 (PCT/US2018/066261)
[87] (WO2019/133340)
[30] US (62/610,374) 2017-12-26

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[13] A1
[51] **Int.Cl. C23C 22/56 (2006.01) C23C 22/83 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **BLACKENED OPTICAL COMPONENT WITHOUT FLUORESCENCE**
[54] **COMPOSANT OPTIQUE NOIRCI SANS FLUORESCENCE**
[72] VITOL, ELINA A., US
[71] ECOLAB USA INC., US
[85] 2020-06-25
[86] 2018-12-20 (PCT/US2018/066786)
[87] (WO2019/126492)
[30] US (62/608,953) 2017-12-21

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[13] A1
[51] **Int.Cl. C09K 8/467 (2006.01) C04B 20/10 (2006.01) C04B 28/02 (2006.01) C09K 8/487 (2006.01)**
[25] EN
[54] **COMPOSITION OF ENCAPSULATED CHEMICAL ADDITIVES AND METHODS FOR PREPARATION OF THE SAME**
[54] **COMPOSITION D'ADDITIFS CHIMIQUES ENCAPSULES ET LEURS PROCEDES DE PREPARATION**
[72] CONTRERAS, ELIZABETH Q., US
[72] REDDY, B. RAGHAVA, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-25
[86] 2018-12-21 (PCT/US2018/066992)
[87] (WO2019/135937)
[30] US (62/612,756) 2018-01-02

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[13] A1
[51] **Int.Cl. C09K 3/14 (2006.01) B24D 3/28 (2006.01) B24D 3/34 (2006.01) C09D 131/04 (2006.01)**
[25] EN
[54] **COATED ABRASIVES HAVING AGGREGATES**
[54] **ABRASIFS REVETUS COMPORTANT DES AGREGATS**
[72] WANG, JIANNA, US
[72] KUNG, SHIH-CHIEH, US
[72] IYENGAR, SUJATHA K., US
[72] YENER, DORUK O., US
[72] EVERTS, DARRELL K., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2020-06-25
[86] 2018-12-21 (PCT/US2018/067196)
[87] (WO2019/133502)
[30] US (62/610,707) 2017-12-27

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES THAT BIND AND ARE INTERNALIZED BY MESOTHELIOMA AND OTHER CANCER CELLS**
[54] **ANTICORPS HUMAINS QUI SE LIENT ET SONT ASSIMILES PAR DES CELLULES DE MESOTHELIOME ET AUTRES CELLULES CANCEREUSES**
[72] LIU, BIN, US
[72] BIDLINGMAIER, SCOTT, US
[72] SU, YANG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-06-25
[86] 2018-12-26 (PCT/US2018/067544)
[87] (WO2019/133639)
[30] US (62/610,497) 2017-12-26

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[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-RENALASE ANTIBODIES FOR THE TREATMENT AND PREVENTION OF DISEASES AND DISORDERS**
[54] **ANTICORPS ANTI-RENALASE POUR LE TRAITEMENT ET LA PREVENTION DE MALADIES ET DE TROUBLES**
[72] DESIR, GARY, US
[72] NELSON, BRYCE, US
[71] YALE UNIVERSITY, US
[85] 2020-06-25
[86] 2018-12-27 (PCT/US2018/067611)
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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4184 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/502 (2006.01) A61K 31/5025 (2006.01) A61K 31/517 (2006.01) A61K 31/55 (2006.01) A61K 31/555 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] FENG, BIN, US
[72] RAMASWAMY, SRIDHAR, US
[72] WANG, JING YU, US
[72] XIAO, YONGHONG, US
[72] ZHOU, YINGHUI, US
[71] TESARO, INC., US
[85] 2020-06-25
[86] 2018-12-27 (PCT/US2018/067653)
[87] (WO2019/133697)
[30] US (62/610,761) 2017-12-27
[30] US (62/613,372) 2018-01-03
[30] US (62/680,511) 2018-06-04

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **CD3-DELTA/EPSILON HETERODIMER SPECIFIC ANTIBODIES**
[54] **ANTICORPS SPECIFIQUES DE L'HETERODIMERE CD3-DELTA/EPSILON**
[72] SCHELLENBERGER, UTE, US
[72] TRINKLEIN, NATHAN, US
[72] VAN SHOOTEN, WIM, US
[71] TENEOBIO, INC., US
[85] 2020-06-25
[86] 2018-12-27 (PCT/US2018/067755)
[87] (WO2019/133761)
[30] US (62/610,764) 2017-12-27

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) F16G 11/10 (2006.01) F16G 11/14 (2006.01)**
[25] EN
[54] **FASTENER FOR HOLDING A CONSTRICTING CORD IN A REDUCED-DIAMETER STATE AROUND A CARDIAC VALVE ANNULUS, AND INSTALLATION OF THE FASTENER**
[54] **ATTACHE DESTINEE A MAINTENIR UN CORDON D'ETRANGLEMENT DANS UN ETAT DE DIAMETRE REDUIT AUTOUR D'UN ANNEAU DE VALVULE CARDIAQUE, ET POSE DE CE DISPOSITIF DE FIXATION**
[72] MODESITT, BRUCE, US
[71] CARDIAC IMPLANTS, LLC, US
[85] 2020-06-25
[86] 2018-12-28 (PCT/US2018/067801)
[87] (WO2019/135983)
[30] US (62/613,084) 2018-01-03

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 48/00 (2006.01) A61P 7/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR EOSINOPHILIC DISORDERS**
[54] **THERAPIE GENIQUE POUR LES MALADIES EOSINOPHILIQUES**
[72] CRYSTAL, RONALD G., US
[72] PAGOVICH, ODELYA E., US
[72] STILES, KATIE, US
[71] CORNELL UNIVERSITY, US
[85] 2020-06-25
[86] 2018-12-28 (PCT/US2018/067869)
[87] (WO2019/133818)
[30] US (62/612,005) 2017-12-29

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[13] A1
[51] **Int.Cl. A01H 1/00 (2006.01) C07H 21/04 (2006.01) C07K 14/415 (2006.01) C12N 1/21 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **PLANTS WITH MODIFIED DHS GENES**
[54] **PLANTES AYANT DES GENES DHS MODIFIES**
[72] FEITELSON, JERALD S., US
[72] THOMPSON, JOHN E., CA
[72] TAYLOR, CATHERINE A., CA
[71] AGRIBODY TECHNOLOGIES, INC., US
[85] 2020-06-25
[86] 2018-12-28 (PCT/US2018/067954)
[87] (WO2019/133871)
[30] US (62/611,505) 2017-12-28

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[13] A1
[51] **Int.Cl. B05C 17/015 (2006.01) B05B 7/04 (2006.01) B05B 7/06 (2006.01) B05B 7/12 (2006.01) B05B 7/24 (2006.01) B05B 12/00 (2018.01)**
[25] EN
[54] **PNEUMATIC MATERIAL SPRAY GUN**
[54] **PISTOLET PNEUMATIQUE DE PULVERISATION DE MATERIAU**
[72] HANSON, RANDAL W., US
[72] TAKEMURA, MICHAEL F., US
[72] HAMLIN, CHRISTOPHER R., US
[72] CARRASCA, ROBERT G., US
[72] WERRING, JEFFREY R., US
[72] CRABB, KATHRYN R., US
[71] PPG ARCHITECTURAL FINISHES, INC., US
[85] 2020-06-25
[86] 2018-12-28 (PCT/US2018/067987)
[87] (WO2019/133893)
[30] US (62/611,286) 2017-12-28

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[13] A1
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[72] DASSONVILLE, BENJAMIN, US
[72] GARGAC, SHAWN M., US
[72] HENRY, DELPHINE CLAIRE MICHELLE, US
[71] TORNIER, INC., US
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[54] **STRUCTURE DE SONDE**
[72] FLORES, ROMAN, II, US
[72] COSTA, MICHAEL, US
[72] HUTTER, MATTHEW, US
[72] LESHER, KIAH, US
[71] NEURAL ANALYTICS, INC., US
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[54] **DETERMINATION DE CARACTERISTIQUES STRUCTURALES D'UN OBJET**
[72] EARTHMAN, JAMES, US
[72] ELAM, JOHN MICHAEL, US
[72] SHEETS, CHERILYN, US
[72] HAYMAN, ROBERT, US
[71] PERIMETRICS, LLC, US
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[54] **INCREMENT DE DENSITE DE PIXELLISATION POUR L'INCORPORATION D'INFORMATIONS**
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[72] WU, YECHENG, US
[72] BI, DAOSHEN, US
[71] JONES, ROBERT L., US
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[54] **DETECTION DE COULEUR D'ARRIERE-PLAN**
[72] WU, YECHENG, US
[72] MARTIN, BRIAN K., US
[71] WU, YECHENG, US
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[54] **COUPLAGE ACCORDABLE POUSSER-TIRER**
[72] KEANE, ZACHARY KYLE, US
[72] MEDFORD, JAMES R., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **SURGICAL FASTENERS FOR ARTICULATING SURGICAL INSTRUMENTS**
[54] **DISPOSITIF DE FIXATION CHIRURGICAUX DESTINES A DES INSTRUMENTS CHIRURGICAUX ARTICULES**
[72] CAULDWELL, NATHAN STEWART, US
[72] FELIX, AUGUSTUS, US
[72] AFFONCE, DEREK, US
[72] RANUCCI, KEVIN J., US
[71] C.R. BARD, INC., US
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[54] **INSTRUMENTS CHIRURGICAUX ARTICULES**
[72] FELIX, AUGUSTUS, US
[72] LEATZOW, DEREK J., US
[72] CAULDWELL, NATHAN STEWART, US
[72] AFFONCE, DEREK, US
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[72] MATUSAITIS, TOMAS, US
[72] BACHMAN, ALAN, US
[71] C.R. BARD, INC., US
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[72] CAULDWELL, NATHAN STEWART, US
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[54] **CORE SAMPLER WITH IMPREGNATION WINDOWS AND METHOD FOR STABILIZATION OF UNCONSOLIDATED SEDIMENT IN CORE SAMPLES**
[54] **ECHANTILLONNEUR DE CAROTTE AVEC FENETRES D'IMPREGNATION ET PROCEDE DE STABILISATION DE SEDIMENTS NON CONSOLIDES DANS DES ECHANTILLONS DE CAROTTE**
[72] MICHAEL, NIKOLAOS A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **CORE CATCHER FOR UNCONSOLIDATED SEDIMENT SAMPLES**
[54] **DISPOSITIF DE PRELEVEMENT DE CAROTTE POUR ECHANTILLONS DE SEDIMENTS MEUBLES**
[72] MICHAEL, NIKOLAOS A., SA
[72] LU, PENG, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **COMPOSITIONS AND METHODS FOR TREATING METABOLIC DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES METABOLIQUES**
[72] ACOSTA, ANDRES, US
[72] VASICEK, THOMAS, US
[71] GILA THERAPEUTICS, INC., US
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[54] **ELEMENT DE SUPPORT DE BRETELLE FLEXIBLE**
[72] ER, BOON YEN, SG
[72] NOVELEN, RYAN MICHAEL, US
[72] GOMMEL, MATTHEW, US
[72] WRIGHT, AUSTIN LEE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **USE OF AMBROXOL TO IMPROVE SKIN BARRIER FUNCTION**
[54] **UTILISATION D'AMBROXOL POUR AMELIORER LA FONCTION BARRIERE DE LA PEAU**
[72] ANDERSON, STEPHEN, US
[71] NEUERE, LLC, US
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[54] **AGENTS DE DEGRADATION D'EGFR ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] GRAY, NATHANAEL S., US
[72] DE CLERCQ, DRIES, US
[72] JANG, JAEBONG, US
[72] JANNE, PASI, US
[72] TO, CIRIC, US
[72] ECK, MICHAEL, US
[72] PARK, EUNYOUNG, US
[72] HEPPNER, DAVID, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **SNAP-RF INTERCONNECTIONS**
[54] **INTERCONNEXIONS RF RAPIDES**
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[72] BENEDICT, JAMES E., US
[72] HAVEN, JOHN P., US
[72] SOUTHWORTH, ANDREW R., US
[72] AZADZOI, SEMIRA M., US
[71] RAYTHEON COMPANY, US
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[54] **PORTE-CHARGE POUVANT ETRE MONTE SUR UN VEHICULE POUR BANDES RUGUEUSES PORTABLES**
[72] METTLER, CHARLES M., US
[71] PLASTIC SAFETY SYSTEMS, INC., US
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[54] **CATHETER A BALLONNET**
[72] YAGI, TAKAHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **METHOD FOR PREPARING TOLIMIDONE ON LARGE SCALE**
[54] **PROCEDE DE PREPARATION DE TOLIMIDONE A GRANDE ECHELLE**
[72] LEE, KWANG OK, KR
[72] LEE, KYUNG HWA, KR
[72] JEONG, EUN JU, KR
[71] BUKWANG PHARMACEUTICAL CO., LTD., KR
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[54] **UNDERLAY MAT FOR FLOOR COVERINGS**
[54] **TAPIS DE SOUS-COUCHE POUR REVETEMENTS DE SOL**
[72] MALINOWSKI, SEBASTIAN, PL
[72] LOWINSKI, MICHAL, PL
[71] DECORA SPOLKA AKCYJNA, PL
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[54] **RESYNCHRONISATION DE METADONNEES DANS UN SYSTEME DE GESTION DE CONTENU**
[72] LAI, JOHN, US
[71] DROPBOX, INC., US
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[30] US (62/611,473) 2017-12-28
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[54] **LIQUID FABRIC ENHANCERS COMPRISING BRANCHED POLYESTER MOLECULES**
[54] **AGENTS LIQUIDES AMELIORANT L'ETAT DES TEXTILES COMPRENANT DES MOLECULES DE POLYESTER RAMIFIE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] KLUESENER, BERNARD WILLIAM, US
[72] MENKHAUS, JULIE ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **FUSED RING COMPOUNDS**
[54] **COMPOSES CYCLIQUES FONDUS**
[72] MALHOTRA, SUSHANT, US
[72] DO, STEVEN, US
[72] TERRETT, JACK, US
[72] XIN, JIANFENG, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMPOSITION DE KETAMINE EN POUDRE SECHE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DE LA DEPRESSION PAR ADMINISTRATION PULMONAIRE**
[72] WIECZOREK, MACIEJ, PL
[72] TRATKIEWICZ, EWA, PL
[72] PERKO, PRZEMYSLAW, PL
[71] CELON PHARMA S.A., PL
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[54] **ISOSTATIC SIDE-PRESSURE SHIELDED COMPOSITE CONSOLIDATION PROCESS AND APPARATUS**
[54] **CONSOLIDATION COMPOSITE BLINDEE CONTRE LA PRESSION LATERALE ISOSTATIQUE**
[72] THOMPSON, DAVID, AU
[71] XTEK LTD, AU
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[25] EN
[54] **SYSTEM FOR AUTHENTICATING AND AUTHORIZING ACCESS TO AND ACCOUNTING FOR WIRELESS ACCESS VEHICULAR ENVIRONMENT CONSUMPTION BY CLIENT DEVICES**
[54] **SYSTEME D'AUTHENTIFICATION ET D'AUTORISATION D'ACCES A UNE CONSOMMATION D'ENVIRONNEMENT VEHICULAIRE A ACCES SANS FIL PAR DES DISPOSITIFS CLIENTS AINSI QUE SA COMPTABILISATION**
[72] NATHANSON, MARTIN DANIEL, CA
[71] PAXGRID CDN INC., CA
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[54] **COMPOSITION DE RESINE EPOXYDE DESTINEE A ETRE UTILISEE DANS DES APPLICATIONS DE REVETEMENT**
[72] GROTZINGER, JOCHEN, DE
[72] VON DER BRUGGEN, UWE, DE
[72] VIERTEL, JOHANNES, DE
[72] KASEMI, EDIS, CH
[71] SIKA TECHNOLOGY AG, CH
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[54] **DISPOSITIF DE COMMANDE MANUELLE HAPTIQUE SPECIFIQUE A LA MICROCHIRURGIE**
[72] SUTHERLAND, GARNETTE ROY, CA
[72] HOSHYARMANESH, HAMIDREZA, CA
[72] ZAREINIA, KOUROSH, CA
[72] LAMA, SANJU, CA
[71] ORBSURGICAL LTD., CA
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[54] **MOTEUR ELECTRIQUE**
[72] SHLAKHETSKI, VICTOR, IL
[72] MOSTOVOY, ALEXANDER, IL
[71] INTELLITECH PTY LTD, AU
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[54] **PROCEDE ET SYSTEME PERMETTANT DE FAIRE FONCTIONNER UNE PLATE-FORME DE CONFIGURATION**
[72] ARANCIBIA, CLAUDIO, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-26
[86] 2018-12-20 (PCT/CA2018/051636)
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[54] **REMOTE LPWAN GATEWAY WITH BACKHAUL OVER A HIGH-LATENCY COMMUNICATION SYSTEM**
[54] **PASSERELLE LPWAN A DISTANCE AVEC LIAISON TERRESTRE SUR UN SYSTEME DE COMMUNICATION A LATENCE ELEVEE**
[72] NARDINI, FLAVIA TATA, AU
[72] PEARSON, MATTHEW, AU
[72] AJAZ, SABOOH, AU
[71] FLEET SPACE TECHNOLOGIES PTY LTD, AU
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[71] BOMBARDIER INC., CA
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[54] **VEHICULE SOUS-MARIN ET PROCEDE DE COMMANDE**
[72] FLORIN, FRANCK, FR
[71] THALES, FR
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[54] **HIGH-FLOW, HIGH-PRESSURE INLINE SATURATOR SYSTEM AND METHOD THEREOF**
[54] **SYSTEME SATURATEUR EN LIGNE A HAUTE PRESSION ET A HAUT DEBIT ET PROCEDE ASSOCIE**
[72] BEATTIE, MIKE, CA
[72] GLASSFORD, DAVID, CA
[71] GIS GAS INFUSION SYSTEMS, INC., CA
[85] 2020-06-26
[86] 2018-12-27 (PCT/CA2018/051671)
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[30] US (62/610,675) 2017-12-27

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[25] EN
[54] **WATER OXYGENATION SYSTEM AND METHOD TO IMPROVE THE EFFICACY AND UTILIZATION OF FISH SLIDES AND LADDERS**
[54] **SYSTEME ET PROCEDE D'OXYGENATION D'EAU PERMETTANT D'AMELIORER L'EFFICACITE ET L'UTILISATION DE TOBOGGANS ET D'ECHELLES A POISSONS**
[72] BEATTIE, MIKE, CA
[72] GLASSFORD, DAVID, CA
[71] GIS GAS INFUSION SYSTEMS INC., CA
[85] 2020-06-26
[86] 2018-12-27 (PCT/CA2018/051672)
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[51] **Int.Cl. G07B 15/02 (2011.01)**
[25] EN
[54] **PARKING FEE COLLECTION METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE RECOUVREMENT DE FRAIS DE STATIONNEMENT ET DISPOSITIF ELECTRONIQUE**
[72] JIANG, GUOFEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-26
[86] 2019-02-21 (PCT/CN2019/075747)
[87] (WO2019/227982)
[30] CN (201810556570.7) 2018-05-31

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[25] FR
[54] **SYSTEM AND METHOD FOR TREATMENT OF HEMORRHAGIC FLUID FOR AUTOTRANSFUSION**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE LIQUIDE HEMORRAGIQUE POUR DE L'AUTOTRANSFUSION**
[72] GADRAT, FRANCIS, FR
[72] CHOLLET, STEPHANE, FR
[72] PICOT, SYLVAIN, FR
[72] FOREST-VILLEGAS, PATRICIA, FR
[71] I-SEP, FR
[85] 2020-06-26
[86] 2018-12-21 (PCT/FR2018/053500)
[87] (WO2019/129973)
[30] FR (1763308) 2017-12-28
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[25] EN
[54] **NON-STOP CHARGING METHODS, APPARATUSES, AND ELECTRONIC DEVICES**
[54] **PROCEDE ET APPAREIL DE PEAGE ELECTRONIQUE SANS ARRET, ET DISPOSITIF ELECTRONIQUE**
[72] JIANG, GUOFEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-26
[86] 2019-02-22 (PCT/CN2019/075775)
[87] (WO2019/227983)
[30] CN (201810554496.5) 2018-05-31

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[25] EN
[54] **PD-L1 ANTIBODY, ANTIGEN-BINDING FRAGMENT THEREOF, AND PHARMACEUTICAL USE THEREOF**
[54] **ANTICORPS PD-L1, FRAGMENT DE LIAISON A L'ANTIGENE DE CELUI-CI ET UTILISATION PHARMACEUTIQUE ASSOCIEE**
[72] GU, XIAOLING, CN
[72] JIANG, JIAHUA, CN
[72] ZHANG, LEI, CN
[72] HU, QIYUE, CN
[72] GU, JINMING, CN
[72] TAO, WEIKANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CH
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD, CN
[85] 2020-06-26
[86] 2019-01-09 (PCT/CN2019/070982)
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[25] EN
[54] **CONJUGATES AND PREPARATION AND USE THEREOF**
[54] **CONJUGUES ET PREPARATION ET UTILISATION ASSOCIEES**
[72] ZHANG, HONGYAN, CN
[72] YANG, ZHIWEI, CN
[72] CAO, LIQIANG, CN
[72] WAN, LIANGYI, CN
[71] SUZHOU RIBO LIFE SCIENCE CO., LTD., CN
[85] 2020-06-26
[86] 2018-11-29 (PCT/CN2018/118224)
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[25] EN
[54] **BLOCKCHAIN-BASED VIRTUAL RESOURCE DELIVERY AND CROWDFUNDING METHOD AND DEVICE**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE RESSOURCES VIRTUELLES ET DE PRODUCTION PARTICIPATIVE BASEES SUR UNE CHAINE DE BLOCS**
[72] YANG, XINYING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-26
[86] 2019-02-25 (PCT/CN2019/076011)
[87] (WO2019/223376)
[30] CN (201810510666.X) 2018-05-24

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[51] **Int.Cl. H04W 4/021 (2018.01) H04L 29/08 (2006.01)**
[25] FR
[54] **MAKING A WORK ENVIRONMENT SAFE USING AT LEAST ONE ELECTRONIC BEACON AND AN ELECTRONIC TAG**
[54] **SECURISATION D'UN ENVIRONNEMENT DE TRAVAIL A L'AIDE D'AU MOINS UNE BALISE ELECTRONIQUE ET D'UNE ETIQUETTE ELECTRONIQUE**
[72] BELLAVOINE, BENOIT, FR
[72] CARON, MATHIEU, FR
[72] DO, SEBASTIEN, FR
[72] DZIWNIEL, PIERRE, FR
[71] XP DIGIT, FR
[71] ENEDIS, FR
[85] 2020-06-26
[86] 2018-12-26 (PCT/FR2018/053550)
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[25] EN
[54] **GANGLIOSIDE GM3-CONTAINING NANOPARTICLES AS IMMUNOMODULATORS**
[54] **NANOPARTICULES CONTENANT LE GANGLIOSIDE GM3 EN TANT QU'IMMUNOMODULATEURS**
[72] MESA PARDILLO, CIRCE, CU
[72] OLIVER RIOS, LILIANA, CU
[72] ALVAREZ ARZOLA, RYDELL, CU
[72] PENA SANCHEZ, VLADIMIR, CU
[72] FERNANDEZ MOLINA, LUIS ENRIQUE, CU
[72] VALDES ZAYAS, ANET, CU
[72] RABADE CHEDIAK, MAURA LISETT, CU
[72] AGUIAR GARCIA, LENA, CU
[72] HERNANDEZ DE LA ROSA, LOURDES, CU
[72] FERNANDEZ GOMEZ, AUDRY, CU
[72] PEREZ RUIZ, LESLIE, CU
[72] RODRIGUEZ RODRIGUEZ, CAMILO, CU
[72] GRACIA MEDINA, ELIAS ANTONIO, CU
[72] RUBIO HERNANDEZ, MARIA CARIDAD, CU
[72] VALDES GUERRERO, ORLANDO, CU
[72] CURBELO HAREDIA, IDELMIS, CU
[71] CENTRO DE INMUNOLOGIA MOLECULAR, CU
[85] 2020-06-26
[86] 2018-12-17 (PCT/CU2018/050005)
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[25] EN
[54] **COMPOUNDS CAPABLE OF BEING USED AS TUMOR INHIBITOR, PREPARATION METHOD THEREOF, AND APPLICATION THEREOF**
[54] **COMPOSE AGISSANT EN TANT QU'INHIBITEUR TUMORAL, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] YIN, LEI, CN
[72] YAO, ZHENGLIN, CN
[72] LI, HENG, CN
[71] GAN & LEE PHARMACEUTICALS, CN
[85] 2020-06-26
[86] 2018-12-21 (PCT/CN2018/122796)
[87] (WO2019/128877)
[30] CN (201711484280.8) 2017-12-29

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[25] FR
[54] **PERIPHERAL HAVING AT LEAST ONE TRANSPARENT KEY COMPRISING A FLEXIBLE MEMBRANE**
[54] **PERIPHERIQUE AVEC AU MOINS UNE TOUCHE TRANSPARENTE COMPRENANT UNE MEMBRANE FLEXIBLE**
[72] FAIVRE, LAURENT, FR
[72] PUGGIONI, YURIA, FR
[71] GROUPE LDLC, FR
[85] 2020-06-26
[86] 2019-01-16 (PCT/FR2019/050092)
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[30] FR (1850360) 2018-01-16

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[25] EN
[54] **RELEASE MECHANISM FOR A TORQUE TOOL**
[54] **MECANISME DE DECLENCHEMENT POUR UN OUTIL DE COUPLE**
[72] JENKINS, BRAD, US
[71] STAHLWILLE EDUARD WILLE GMBH & CO. KG, DE
[85] 2020-06-26
[86] 2019-01-03 (PCT/DE2019/100000)
[87] (WO2019/137577)
[30] DE (10 2018 100 665.9) 2018-01-12

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[51] **Int.Cl. G01N 21/59 (2006.01) G01M 11/02 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING OPTICAL CHARACTERISTICS OF A TRANSPARENT ARTICLE**
[54] **PROCEDE DE MESURE DE CARACTERISTIQUES OPTIQUES D'UN ARTICLE TRANSPARENT**
[72] HAZLE, JOSHUA, IE
[72] BLACKBURN, FORREST R., US
[71] TRANSITIONS OPTICAL, LTD., IE
[85] 2020-06-26
[86] 2017-12-28 (PCT/EP2017/084710)
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[51] **Int.Cl. A61F 13/02 (2006.01) A61L 26/00 (2006.01) C08L 53/02 (2006.01) C09J 153/02 (2006.01)**
[25] FR
[54] **COMPOSITION HAVING EXCELLENT WATER VAPOR PERMEABILITY**
[54] **COMPOSITION PRESENTANT UNE EXCELLENTE PERMEABILITE A LA VAPEUR D'EAU**
[72] DANEROL, ANNE-SOPHIE, FR
[72] GUILLAMAUD, CHRISTELLE, FR
[72] PERNOT, JEAN-MARC, FR
[71] URGO RECHERCHE INNOVATION ET DEVELOPPEMENT, FR
[85] 2020-06-22
[86] 2019-02-20 (PCT/FR2019/050385)
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[51] **Int.Cl. A61K 31/568 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **USES OF COMPOUNDS IN PREPARATION OF MEDICAMENT FOR TREATING CEREBRAL SMALL VESSEL DISEASE**
[54] **UTILISATION D'UN COMPOSE DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DE LA MALADIE DES PETITS VAISSEAUX CEREBRAUX**
[72] YAN, GUANGMEI, CN
[72] YIN, WEI, CN
[72] SHENG, LONGXIANG, CN
[72] LU, BINGZHENG, CN
[72] HUANG, YIJUN, CN
[72] LIN, SUIZHEN, CN
[71] GUANGZHOU CELLPROTEK PHARMACEUTICAL CO., LTD., CN
[85] 2020-06-26
[86] 2018-12-28 (PCT/CN2018/124705)
[87] (WO2019/129179)
[30] CN (201711484028.7) 2017-12-29

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[51] **Int.Cl. C25C 3/08 (2006.01)**
[25] EN
[54] **CATHODE ELEMENTS FOR A HALL-HEROULT CELL FOR ALUMINIUM PRODUCTION AND A CELL OF THIS TYPE HAVING SUCH ELEMENTS INSTALLED**
[54] **ELEMENTS DE CATHODE POUR UNE CELLULE DE HALL-HEROULT POUR LA PRODUCTION D'ALUMINIUM ET CELLULE DE CE TYPE COMPORTANT DE TELS ELEMENTS INSTALLES**
[72] SEGATZ, MARTIN, DE
[72] HOP, JORUND, NO
[72] JEDECK, STEFAN, DE
[71] NORSK HYDRO ASA, NO
[85] 2020-06-26
[86] 2019-03-04 (PCT/EP2019/055300)
[87] (WO2019/174948)
[30] NO (NO 20180369) 2018-03-14

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[51] **Int.Cl. B62D 33/063 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR LEVELLING A CAB OF A WORK MACHINE**
[54] **AGENCEMENT ET PROCEDE DE MISE A NIVEAU D'UNE CABINE D'UN ENGIN**
[72] HUKKANEN, PENTTI, FI
[71] PONSSE OYJ, FI
[85] 2020-06-26
[86] 2018-12-27 (PCT/FI2018/050979)
[87] (WO2019/129931)
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[51] **Int.Cl. A01G 9/029 (2018.01)**
[25] EN
[54] **PLANT-GROWING TRAY**
[54] **PLATEAU DE CULTURE DE PLANTES**
[72] COOLEY, JOHN, GB
[71] INTERNATIONAL PLANT PROPAGATION TECHNOLOGY LTD, GB
[85] 2020-06-26
[86] 2019-01-22 (PCT/GB2019/050173)
[87] (WO2019/145699)
[30] GB (1801097.5) 2018-01-23

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[51] **Int.Cl. E21B 7/06 (2006.01)**
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[54] **A WHIPSTOCK**
[54] **SIFFLET DEVIATEUR**
[72] MCGARIAN, BRUCE, GB
[71] MCGARIAN, BRUCE, GB
[85] 2020-06-26
[86] 2018-12-11 (PCT/GB2018/053585)
[87] (WO2019/130015)
[30] GB (1722286.0) 2017-12-29

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[51] **Int.Cl. A23L 27/60 (2016.01) A23L 33/185 (2016.01) A23D 7/005 (2006.01) A23D 7/04 (2006.01) A23G 9/38 (2006.01) A23G 9/42 (2006.01) A23J 1/14 (2006.01) A23J 3/14 (2006.01)**
[25] EN
[54] **CHICKPEA PROTEIN PRODUCTS AND METHODS OF MAKING THEREOF**
[54] **PRODUITS DE PROTEINES DE POIS CHICHES ET LEURS PROCEDES DE FABRICATION**
[72] SHMULEWITZ, ASCHER, IL
[72] DE PICCIOTTO, GIL, IL
[72] NATANI BEN CHAIM, NITZAN, IL
[71] INNOVOPRO LTD., IL
[85] 2020-06-26
[86] 2017-12-28 (PCT/IB2017/001715)
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[30] US (62/440,409) 2016-12-30

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[51] **Int.Cl. C07C 205/17 (2006.01) A61K 31/04 (2006.01) A61P 29/00 (2006.01) C07C 205/54 (2006.01)**
[25] EN
[54] **NITROALKENE NON STEROIDAL ANTI-INFLAMMATORY DRUGS (NA-NSAIDS) AND METHODS OF TREATING INFLAMMATION RELATED CONDITIONS**
[54] **MEDICAMENTS ANTI-INFLAMMATOIRES NON STEROIDIENS A BASE DE NITROALCENE (NA-NSAIDS) ET METHODES DE TRAITEMENT D'AFFECTIONS ASSOCIEES A UNE INFLAMMATION**
[72] BATTHYANY, CARLOS, UY
[72] LOPEZ, GLORIA, UY
[72] ESCANDE, CARLOS, UY
[72] RODRIGUEZ DUARTE, JORGE, UY
[72] PORCAL QUINTA, WILLIAMS, UY
[72] DAPUETO CAPUCCIO, ROSINA, UY
[72] GALLIUSSI LOPEZ, GERMAN, UY
[72] GARAT NUNEZ, MARIA, UY
[72] INVERNIZZI, PAULINA, UY
[72] INGOLD, MARIANA, UY
[72] COLELLA, LUCIA, UY
[71] INSTITUT PASTEUR DE MONTEVIDEO, UY
[71] UNIVERSIDAD DE LA REPUBLICA, UY
[71] BATTHYANY, CARLOS, UY
[85] 2020-06-26
[86] 2017-12-27 (PCT/IB2017/058443)
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[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **STABILITY TESTING OF NEW DRUG SUSTANCES AND PRODUCTS**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN CANNABINOIDE**
[72] WILKHU, JITINDER, GB
[72] BENDER, JOHAN, NL
[71] GW RESEARCH LIMITED, GB
[85] 2020-06-26
[86] 2019-01-02 (PCT/GB2019/050007)
[87] (WO2019/135075)
[30] GB (1800072.9) 2018-01-03

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[51] **Int.Cl. B09B 5/00 (2006.01) B30B 3/02 (2006.01) B30B 9/12 (2006.01) B30B 15/12 (2006.01) B30B 15/28 (2006.01) F16D 7/00 (2006.01) F16H 35/10 (2006.01)**
[25] EN
[54] **MACHINE FOR TREATING ORGANIC WASTE AND RELATED CONTROL METHOD**
[54] **MACHINE DE TRAITEMENT DE DECHETS ORGANIQUES ET PROCEDE DE COMMANDE ASSOCIE**
[72] FORMAGGIO, DANIELE, IT
[71] WASTE ENGINEERING SAGL, CH
[85] 2020-06-26
[86] 2018-12-21 (PCT/IB2018/060500)
[87] (WO2019/130192)
[30] IT (102017000150259) 2017-12-28

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[25] EN
[54] **CERDULATINIB-CONTAINING TOPICAL SKIN PHARMACEUTICAL COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES TOPIQUES POUR LA PEAU CONTENANT DU CERDULATINIB ET LEURS UTILISATIONS**
[72] EVANS, CHARLES RODNEY GREENAWAY, GB
[72] STEVENSON, CAMERON ROBERT, GB
[72] BROWN, MARC BARRY, GB
[71] DERMAVANT SCIENCES GMBH, CH
[85] 2020-06-26
[86] 2019-01-09 (PCT/IB2019/000017)
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[30] US (62/615,261) 2018-01-09
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[30] US (62/772,415) 2018-11-28

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[25] EN
[54] **MODIFIED RELEASE COMPOSITION COMPRISING A CANNABINOID**
[54] **COMPOSITION A LIBERATION MODIFIEE CONTENANT UN CANNABINOIDE**
[72] WILKHU, JITINDER, GB
[72] BENDER, JOHAN, NL
[72] COLLINS, MATTHEW, GB
[71] GW RESEARCH LIMITED, GB
[85] 2020-06-26
[86] 2019-01-02 (PCT/GB2019/050008)
[87] (WO2019/135076)
[30] GB (1800073.7) 2018-01-03

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF DELAYED RELEASE SOLID FORMULATIONS**
[54] **PROCEDE DE PREPARATION DE FORMULATIONS SOLIDES A LIBERATION RETARDEE**
[72] SENECI, ANTONIO ENRICO, IT
[71] GRAAL S.R.L., IT
[85] 2020-06-26
[86] 2018-12-21 (PCT/IB2018/060501)
[87] (WO2019/130193)
[30] IT (102017000149917) 2017-12-27

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[51] **Int.Cl. F16L 19/02 (2006.01) B05B 15/65 (2018.01) B05B 9/01 (2006.01) F16L 27/08 (2006.01) F16L 47/04 (2006.01)**
[25] EN
[54] **SWIVEL COUPLING**
[54] **COUPLAGE PIVOTANT**
[72] VALLO, NICHOLAS JOSEPH, US
[72] URUENA MONTOYA, JEAN MAURICIO, US
[71] FISKARS OYJ ABP, FI
[85] 2020-06-26
[86] 2018-12-21 (PCT/IB2018/060543)
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[30] US (62/611,241) 2017-12-28

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[51] **Int.Cl. C07D 401/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED ALKYNYLENE COMPOUNDS AS ANTICANCER AGENTS**
[54] **COMPOSES ALCYNYLENE SUBSTITUES EN TANT QU'AGENTS ANTICANCEREUX**
[72] CHIKKANNA, DINESH, IN
[72] KHAIRNAR, VINAYAK V., IN
[72] RAMACHANDRA, MURALIDHARA, IN
[72] SATYAM, LEENA KHARE, IN
[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN
[85] 2020-06-26
[86] 2019-01-17 (PCT/IB2019/050387)
[87] (WO2019/142126)
[30] IN (201841001978) 2018-01-17

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[51] **Int.Cl. B67D 1/00 (2006.01) B01F 15/00 (2006.01) B67D 1/12 (2006.01) B67D 1/04 (2006.01)**
[25] EN
[54] **MIXING VALVE, RETRO-FITTING METHOD OF A DISPENSING DEVICE FOR DISPENSING A COOLED BEVERAGE MIXED WITH A GAS, AND METHOD FOR DISPENSING A BEVERAGE MIXED WITH SAID GAS**
[54] **VANNE DE MELANGE, PROCEDE DE RETROMONTAGE D'UN DISPOSITIF DE DISTRIBUTION POUR DISTRIBUER UNE BOISSON REFROIDIE MELANGEE AVEC UN GAZ, ET PROCEDE DE DISTRIBUTION D'UNE BOISSON MELANGEE AVEC LEDIT GAZ**
[72] CAROTI, MARCO, IT
[72] BUZZONI, MARCELLO, IT
[71] BCOOL SRL, IT
[85] 2020-06-26
[86] 2018-12-28 (PCT/IB2018/060705)
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[30] EP (17211171.8) 2017-12-29

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[13] A1
[51] **Int.Cl. F24F 3/00 (2006.01) F24F 11/80 (2018.01)**
[25] EN
[54] **CONTROL SYSTEM FOR HVAC COMPRISING AN AIR-HANDLING UNIT AND A TERMINAL UNIT AND METHOD OF OPERATING SAID CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE POUR CHAUFFAGE, VENTILATION ET CLIMATISATION COMPRENANT UNE UNITE DE GESTION D'AIR ET UNE UNITE DE TERMINAL ET PROCEDE DE FONCTIONNEMENT DUDIT SYSTEME DE COMMANDE**
[72] COOGAN, JAMES J., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2020-06-26
[86] 2018-11-12 (PCT/US2018/060243)
[87] (WO2019/133118)
[30] US (15/856,186) 2017-12-28

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[51] **Int.Cl. C07K 14/725 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C12N 9/78 (2006.01)**
[25] EN
[54] **SINGLE-DOMAIN ANTIBODY-CYTOSINE DEAMINASE FUSION PROTEINS**
[54] **PROTEINES DE FUSION ANTICORPS-CYTOSINE DESAMINASE A DOMAINE UNIQUE**
[72] CHEN, PEI-JIUN, TW
[72] LEE, SHU-HUA, TW
[71] SHANGHAI LUMOSA THERAPEUTICS CO., LTD., CN
[71] LUMOSA THERAPEUTICS CO., LTD., CN
[85] 2020-06-26
[86] 2019-01-04 (PCT/IB2019/000013)
[87] (WO2019/135159)
[30] US (62/613,653) 2018-01-04

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[51] **Int.Cl. A61K 36/739 (2006.01) A61K 36/287 (2006.01) A61K 36/708 (2006.01) A61P 31/22 (2006.01)**
[25] EN
[54] **HERBAL EXTRACTS FOR TREATMENT OF HERPESVIRUS INFECTIONS**
[54] **EXTRAITS VEGETAUX POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS DE L'HERPES**
[72] BOMSTEIN, YONIT, IL
[72] MARDER, JONATHAN, IL
[72] PECHENICK JOWERS, TALI, IL
[71] KAMEDIS LTD., IL
[85] 2020-06-26
[86] 2018-12-30 (PCT/IL2018/051409)
[87] (WO2019/135215)
[30] US (62/612,724) 2018-01-02

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[51] **Int.Cl. C07F 5/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CRISABOROLE AND ITS INTERMEDIATES**
[54] **PROCEDE DE PREPARATION DE CRISABOROLE ET DE SES INTERMEDIAIRES**
[72] MERCHANT, RUPA SUDHIR, IN
[72] MERCHANT, ADITYA SUDHIR, IN
[72] LIMBAD, PIYUSHKUMAR BHIKHALAL, IN
[72] PANSURIYA, AKSHAY MADHUBHAI, IN
[72] VAVAIYA, BHAVIN MADHAVJIBHAI, IN
[72] FALDU, JASMIN JAYSUKHLAL, IN
[71] HALCYON LABS PRIVATE LIMITED, IN
[85] 2020-06-26
[86] 2019-01-01 (PCT/IN2019/050002)
[87] (WO2019/138422)
[30] IN (201821000974) 2018-01-09

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[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01)**
[25] EN
[54] **SINGLE SQUAD MATCHUP PREDICTION POOL**
[54] **ENSEMBLE DE PREDICTION DE MATCH D'EQUIPE UNIQUE**
[72] BUTLER, SYLVESTER, US
[71] BUTLER, SYLVESTER, US
[85] 2020-06-26
[86] 2019-01-31 (PCT/US2019/016134)
[87] (WO2019/152702)
[30] US (15/886,779) 2018-02-01

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[13] A1
[51] **Int.Cl. G08G 1/04 (2006.01) G06T 7/00 (2017.01) G06T 7/60 (2017.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME ASSOCIE**
[72] MIYAMOTO, SHINICHI, JP
[71] NEC CORPORATION, JP
[85] 2020-06-26
[86] 2017-12-28 (PCT/JP2017/047301)
[87] (WO2019/130562)

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[13] A1
[51] **Int.Cl. C09D 133/06 (2006.01) C09D 7/43 (2018.01) C09D 175/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITION**
[54] **COMPOSITION DE MATERIAU DE REVETEMENT**
[72] NAKABAYASHI, TAKUYA, JP
[72] UEDA, TAKUYA, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2020-06-26
[86] 2018-12-20 (PCT/JP2018/047094)
[87] (WO2019/131459)
[30] JP (2017-254178) 2017-12-28

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 41/00 (2006.01) E21B 43/14 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING FROM A HYDROCARBON BEARING ZONE WITH LATERALS EXTENDING FROM AN INCLINED MAIN BORE**
[54] **PROCEDE DE PRODUCTION A PARTIR D'UNE ZONE PORTEUSE D'HYDROCARBURES AVEC DES EMBRANCHEMENTS S'ETENDANT A PARTIR D'UN TROU PRINCIPAL INCLINE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[72] CHANG, FAKUEN FRANK, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-26
[86] 2019-01-18 (PCT/US2019/014103)
[87] (WO2019/143875)
[30] US (15/875,091) 2018-01-19

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/127 (2006.01) A61K 31/7105 (2006.01) A61K 31/711 (2006.01) A61K 47/18 (2017.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) A61K 47/34 (2017.01) A61K 47/42 (2017.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **NUCLEIC ACID-CONTAINING LIPID NANO-PARTICLE AND USE THEREOF**
[54] **NANOPARTICULE LIPIDIQUE CONTENANT UN ACIDE NUCLEIQUE ET UTILISATION DE CELLE-CI**
[72] KUWAE, SHINOBU, JP
[72] MATSUMOTO, SATORU, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2020-06-26
[86] 2018-12-26 (PCT/JP2018/047872)
[87] (WO2019/131770)
[30] JP (2017-252616) 2017-12-27

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[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE PLUG**
[54] **OBTURATEUR DEGRADABLE EN PROFONDEUR DE FORAGE**
[72] TAKAHASHI, SHINYA, JP
[72] SHITSUKAWA, AKI, JP
[71] KUREHA CORPORATION, JP
[85] 2020-06-26
[86] 2018-12-26 (PCT/JP2018/047889)
[87] (WO2019/146359)
[30] JP (2018-012943) 2018-01-29

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTI-DOMAIN IMMUNOMODULATORY PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES IMMUNOMODULATRICES MULTI-DOMAINE ET LEURS METHODES D'UTILISATION**
[72] SWANSON, RYAN, US
[71] ALPINE IMMUNE SCIENCES, INC., US
[85] 2020-06-26
[86] 2019-01-03 (PCT/US2019/012222)
[87] (WO2019/136179)
[30] US (62/613,378) 2018-01-03
[30] US (62/733,622) 2018-09-19

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[13] A1
[51] **Int.Cl. H04B 7/00 (2006.01)**
[25] EN
[54] **SECURED PAIRING OF VIDEO CAPTURE DEVICE AND MOBILE DEVICE**
[54] **APPARIEMENT SECURISE DE DISPOSITIF DE CAPTURE VIDEO ET DISPOSITIF MOBILE**
[72] HODGE, ANDREW, US
[72] ACKERMAN, NATHAN, US
[71] XIRGO TECHNOLOGIES, LLC, US
[85] 2020-06-26
[86] 2019-01-02 (PCT/US2019/012107)
[87] (WO2019/136106)
[30] US (62/614,163) 2018-01-05

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODY CONSTRUCT DIRECTED TO MUC17 AND CD3**
[54] **CONSTRUCTIONS D'ANTICORPS BISPECIFIQUES DIRIGES CONTRE MUC17 ET CD3**
[72] RAUM, TOBIAS, DE
[72] ARVEDSON, TARA, US
[72] BAILIS, JULIE, US
[72] DAHLHOFF, CHRISTOPH, DE
[72] ROSS, SANDRA, US
[72] CHEN, IRWIN, US
[72] BLUMEL, CLAUDIA, DE
[72] NAHRWOLD, ELISABETH, DE
[72] PENDZIALEK, JOCHEN, DE
[72] WAHI, JOACHIM, DE
[71] AMGEN INC., US
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[85] 2020-06-26
[86] 2018-12-31 (PCT/US2018/068118)
[87] (WO2019/133961)
[30] US (62/612,242) 2017-12-29
[30] US (62/687,063) 2018-06-19

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[13] A1
[51] **Int.Cl. C01B 33/025 (2006.01) C01B 32/205 (2017.01) C01B 32/97 (2017.01) C01B 33/18 (2006.01)**
[25] EN
[54] **REFINING PROCESS FOR PRODUCING SOLAR SILICON, SILICON CARBIDE, HIGH-PURITY GRAPHITE AND HOLLOW SILICA MICROSPHERES**
[54] **PROCEDE DE RAFFINAGE POUR LA PRODUCTION DE SILICIUM SOLAIRE, DE CARBURE DE SILICIUM, DE GRAPHITE DE GRANDE PURETE ET DE MICROSPHERES CREUSES DE SILICE**
[72] LYNCH, DAVID CHARLES, US
[71] PLASSEIN TECHNOLOGIES LTD. LLC, US
[71] LYNCH, DAVID CHARLES, US
[85] 2020-06-26
[86] 2017-11-07 (PCT/US2017/060380)
[87] (WO2018/128708)
[30] US (15/399,592) 2017-01-05

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/445 (2006.01) A61K 47/10 (2017.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PERCUTANEOUS ABSORPTION PREPARATION FOR TREATING DEMENTIA COMPRISING DONEPEZIL**
[54] **AGENT D'ABSORPTION TRANSDERMIQUE COMPRENANT DU DONEPEZIL POUR LE TRAITEMENT DE LA DEMENCE**
[72] JANG, SUN-WOO, KR
[72] SHIN, CHANG-YELL, KR
[72] KIM, JEONG-SOO, KR
[72] KIM, HAE-SUN, KR
[72] CHA, KWANG-HO, KR
[72] KIM, HYUN-JUNG, KR
[72] GOTO, MASAOKI, JP
[71] DONG-A ST CO., LTD., KR
[71] KM TRANSDERM LTD., JP
[85] 2020-06-26
[86] 2018-11-07 (PCT/KR2018/013439)
[87] (WO2019/132229)
[30] KR (10-2017-0180647) 2017-12-27

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[13] A1
[51] **Int.Cl. B65G 21/14 (2006.01)**
[25] EN
[54] **TELESCOPIC CONVEYOR**
[54] **TRANSPORTEUR TELESCOPIQUE**
[72] SACHS, ALEXANDER, DE
[71] GAWRONSKI GMBH, DE
[85] 2020-06-22
[86] 2018-10-25 (PCT/EP2018/000489)
[87] (WO2019/120597)
[30] DE (10 2017 011 880.9) 2017-12-21

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[13] A1
[51] **Int.Cl. A43C 15/14 (2006.01) A43C 15/08 (2006.01)**
[25] EN
[54] **ANTI-SLID SHOE**
[54] **CHAUSSURE ANTIDERAPANTE**
[72] NILSSON, LARS, SE
[71] GRIP FORCE TECHNOLOGIES AB, SE
[85] 2020-06-26
[86] 2017-12-20 (PCT/SE2017/051310)
[87] (WO2018/124958)
[30] SE (1651743-5) 2016-12-27

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[13] A1
[51] **Int.Cl. C08G 18/42 (2006.01) C08G 18/22 (2006.01) C08G 18/32 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08G 18/79 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **POLYISOCYANURATE COMPRISING FOAMS WITH LONG CREAM TIME AND SNAP-CURE BEHAVIOUR**
[54] **MOUSSES COMPRENANT DU POLYISOCYANURATE PRESENTANT UN LONG TEMPS DE CREMAGE ET UN COMPORTEMENT DE DURCISSEMENT RAPIDE**
[72] JONCHERAY, THOMAS JULIEN, BE
[72] BERNARDINI, JACOPO, BE
[72] GEUMEZ, GILLES JEAN, BE
[72] VANDENBROECK, JAN, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2020-06-26
[86] 2018-10-05 (PCT/EP2018/077085)
[87] (WO2019/141389)
[30] EP (18151903.4) 2018-01-16

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **PERSONAL AUTHENTICATION METHOD AND PERSONAL AUTHENTICATION DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AUTHENTIFICATION PERSONNELLE**
[72] IWATA, EIZABURO, JP
[72] IWAKI, YASUHARU, JP
[71] NORMEE LIMITED, JP
[85] 2020-06-26
[86] 2018-12-27 (PCT/JP2018/048095)
[87] (WO2019/131858)
[30] JP (2017-254506) 2017-12-28
[30] JP (2018-153066) 2018-08-16

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[13] A1
[51] **Int.Cl. A23F 3/16 (2006.01) A23F 3/18 (2006.01) A23F 3/40 (2006.01) A23F 3/42 (2006.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01) A23L 2/54 (2006.01) A23L 2/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A PRESERVED, DEOXYGENATED, FLAVORED BEVERAGE AND COMPOSITIONS THEREOF**
[54] **SYSTEMES ET PROCEDES ASSOCIES A DES BOISSONS AROMATISEES, DESOXYGENEES ET CONSERVEES ET COMPOSITIONS ASSOCIEES**
[72] MARKLEY, ANDREW, US
[72] EBERHARDT, DEAN, US
[71] BOLD BEVERAGE, LLC, US
[71] MARKLEY, ANDREW, US
[71] EBERHARDT, DEAN, US
[85] 2020-06-26
[86] 2018-12-20 (PCT/US2018/066693)
[87] (WO2019/133416)
[30] US (62/612,105) 2017-12-29

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[13] A1
[51] **Int.Cl. G01N 33/04 (2006.01) A01J 5/01 (2006.01)**
[25] EN
[54] **CASSETTE FOR BIOMARKER ANALYSIS OF A MILK SAMPLE**
[54] **CASSETTE POUR L'ANALYSE DE BIOMARQUEURS D'UN ECHANTILLON DE LAIT**
[72] DALLERUP RASMUSSEN, CLAUS, SE
[72] CARLSEN, THOMAS NIKOLAI, SE
[71] DELAVAL HOLDING AB, SE
[85] 2020-06-26
[86] 2018-12-18 (PCT/SE2018/051335)
[87] (WO2019/132760)
[30] SE (1751660-0) 2017-12-28

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12Q 1/6851 (2018.01)**
[25] EN
[54] **ANTIBODIES TO LILRB2**
[54] **ANTICORPS POUR LILRB2**
[72] COHEN, HEATHER B., US
[72] MACKENZIE, LAUREN PEPPER, US
[72] RAMSAY, YASMIN, US
[72] SHAFFER, DONALD RAYMOND, US
[72] SMITH, JEFFREY YAN-FEI, US
[72] O'MALLEY, KRISTIN SHANEA, US
[72] GUAY, KEVIN PATRICK, US
[71] JOUNCE THERAPEUTICS, INC., US
[85] 2020-06-22
[86] 2018-12-20 (PCT/US2018/066819)
[87] (WO2019/126514)
[30] US (62/610,050) 2017-12-22

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[13] A1
[51] **Int.Cl. C09D 201/00 (2006.01) C09D 7/61 (2018.01) C09D 7/62 (2018.01) B05D 1/36 (2006.01) B05D 5/06 (2006.01) B05D 7/24 (2006.01) B32B 27/20 (2006.01) C09D 5/00 (2006.01) C09D 5/29 (2006.01)**
[25] EN
[54] **COATING COMPOSITION, COATED ARTICLE AND METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **COMPOSITION DE REVETEMENT, ARTICLE REVETU ET PROCEDE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
[72] OMURA, MASAHIRO, JP
[72] KOMATSU, MIHO, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2020-06-26
[86] 2018-12-27 (PCT/JP2018/048348)
[87] (WO2019/131957)
[30] JP (2017-254157) 2017-12-28

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SESSION-BASED TRANSPORTATION DISPATCH**
[54] **REPARTITION DE TRANSPORT SUR LA BASE DE SESSIONS**
[72] AFZAL, DANIAL, US
[72] BRIGHT, IDO AVIGDOR, US
[72] LUO, JIANZHE, US
[72] YOUNG, JIMMY, US
[72] LEUNG, RYAN CHUNG, US
[72] CHOPRA, JATIN, US
[71] LYFT, INC., US
[85] 2020-06-26
[86] 2018-12-20 (PCT/US2018/066982)
[87] (WO2019/133456)
[30] US (15/858,738) 2017-12-29

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[13] A1
[51] **Int.Cl. A44B 18/00 (2006.01)**
[25] EN
[54] **SHAPED BODY HAVING A STRUCTURED SURFACE FOR REVERSIBLE ADHESION**
[54] **CORPS MOULE A SURFACE STRUCTUREE PERMETTANT UNE ADHERENCE REVERSIBLE**
[72] ARZT, EDUARD, DE
[72] MOH, KARSTEN, DE
[72] SCHMITZ, MARTIN, DE
[71] INNOCISE GMBH, DE
[85] 2020-06-26
[86] 2018-12-10 (PCT/EP2018/084103)
[87] (WO2019/129476)
[30] DE (10 2017 131 344.3) 2017-12-27

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61M 1/36 (2006.01) B01D 61/32 (2006.01)**
[25] EN
[54] **CLOSED LOOP DIALYSIS TREATMENT USING ADAPTIVE ULTRAFILTRATION RATES**
[54] **TRAITEMENT DE DIALYSE EN BOUCLE FERMEE UTILISANT DES DEBITS D'ULTRAFILTRATION ADAPTATIFS**
[72] BARRETT, LOUIS LEEGRANDE, US
[72] CHHI, KEN, US
[72] YUDS, DAVID, US
[72] MERICS, TOM, US
[72] DOWD, JOAN, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2020-06-26
[86] 2018-12-21 (PCT/US2018/067049)
[87] (WO2019/133472)
[30] US (62/612,037) 2017-12-29
[30] US (15/927,769) 2018-03-21

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[13] A1
[51] **Int.Cl. G01N 33/04 (2006.01) A01J 5/01 (2006.01)**
[25] EN
[54] **A TAPE FOR BIOMARKER ANALYSIS OF A MILK SAMPLE**
[54] **BANDE POUR L'ANALYSE DE BIOMARQUEURS D'UN ECHANTILLON DE LAIT**
[72] DALLERUP RASMUSSEN, CLAUS, SE
[72] CARLSEN, THOMAS NIKOLAI, SE
[71] DELAVAL HOLDING AB, SE
[85] 2020-06-26
[86] 2018-12-18 (PCT/SE2018/051336)
[87] (WO2019/132761)
[30] SE (1751661-8) 2017-12-28

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 35/768 (2015.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C12N 9/12 (2006.01)**
[25] EN
[54] **ONCOLYTIC VIRUS IMPROVED IN SAFETY AND ANTICANCER EFFECT**
[54] **VIRUS ONCOLYTIQUE A SECURITE ET EFFET ANTICANCEREUX AMELIORES**
[72] HWANG, TAEHO, KR
[72] CHO, MONG, KR
[71] BIONOXX INC., KR
[85] 2020-06-15
[86] 2018-12-28 (PCT/KR2018/016874)
[87] (WO2019/132596)
[30] US (62/611,174) 2017-12-28
[30] KR (10-2018-0106841) 2018-09-07

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/4196 (2006.01)**
[25] EN
[54] **INJECTABLE COMPOSITIONS OF TRITERPENOID ANTIFUNGALS ENCAPSULATED IN LIPOSOMES**
[54] **COMPOSITIONS INJECTABLES D'ANTIFONGIQUES TRITERPENOIDES ENCAPSULEES DANS DES LIPOSOMES**
[72] MOTHERAM, RAJESHWAR, US
[71] SCYNEXIS, INC., US
[85] 2020-06-26
[86] 2018-12-21 (PCT/US2018/067216)
[87] (WO2019/135954)
[30] US (62/612,893) 2018-01-02

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[13] A1
[51] **Int.Cl. C12M 1/06 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **REACTORS AND SUBMERGED FERMENTATION METHODS FOR PRODUCING MICROBE-BASED PRODUCTS**
[54] **REACTEURS ET METHODES DE FERMENTATION SUBMERGEE POUR PRODUCTION DE PRODUITS A BASE DE MICROBES**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] DIXON, TYLER, US
[72] CALLOW, NICHOLAS, US
[72] ADAMS, KENT, US
[72] KARATHUR, KARTHIK N., US
[71] LOCUS IP COMPANY, LLC, US
[85] 2020-06-26
[86] 2018-12-22 (PCT/US2018/067409)
[87] (WO2019/133555)
[30] US (62/611,300) 2017-12-28

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **ENERGY STORAGE MODULE AND METHOD**
[54] **MODULE ET PROCEDE DE STOCKAGE D'ENERGIE**
[72] LYSFJORD, IVAR HAAKON, NO
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-06-26
[86] 2018-12-17 (PCT/EP2018/085214)
[87] (WO2019/134813)

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[51] **Int.Cl. A24F 47/00 (2020.01) H04W 4/80 (2018.01)**
[25] EN
[54] **DEVICE IDENTIFICATION METHOD**
[54] **PROCEDE D'IDENTIFICATION DE DISPOSITIF**
[72] BAKER, DARRYL, GB
[72] KERSEY, ROBERT, GB
[72] MOLONEY, PATRICK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-26
[86] 2018-12-21 (PCT/EP2018/086624)
[87] (WO2019/129717)
[30] GB (1722278.7) 2017-12-29

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[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/00 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **OPTIMIZATION OF ENERGY DELIVERY FOR VARIOUS APPLICATIONS**
[54] **OPTIMISATION DE LA DISTRIBUTION D'ENERGIE POUR DIVERSES APPLICATIONS**
[72] WALDSTREICHER, JONATHAN REUBEN, US
[72] KRIMSKY, WILLIAM SANFORD, US
[72] TAYLOR, KEVIN JAMES, US
[72] TUROVSKIY, ROMAN, US
[72] NEAL, ROBERT E., II, US
[71] GALARY, INC., US
[85] 2020-06-26
[86] 2018-12-26 (PCT/US2018/067504)
[87] (WO2019/133608)
[30] US (62/610,430) 2017-12-26
[30] US (62/693,622) 2018-07-03

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[51] **Int.Cl. G01N 33/04 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **A DRY STICK**
[54] **BATONNET SEC**
[72] CARLSEN, THOMAS NIKOLAI, SE
[71] DELAVAL HOLDING AB, SE
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[86] 2018-12-18 (PCT/SE2018/051337)
[87] (WO2019/132762)
[30] SE (1751665-9) 2017-12-28

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[51] **Int.Cl. C03C 17/36 (2006.01)**
[25] EN
[54] **SOLAR CONTROL COATINGS AND METHODS OF FORMING SOLAR CONTROL COATINGS**
[54] **REVETEMENTS A CONTROLE SOLAIRE ET LEURS PROCEDES DE FORMATION**
[72] THIEL, JAMES P., US
[72] WAGNER, ANDREW V., US
[72] POLCYN, ADAM D., US
[72] O'SHAUGHNESSY, DENNIS J., US
[72] MEDWICK, PAUL A., US
[72] BUHAY, HARRY, US
[72] BENIGNI, JEFFREY A., US
[72] ANTHONY, DONALD, US
[71] VITRO FLAT GLASS LLC, US
[85] 2020-06-26
[86] 2018-12-27 (PCT/US2018/067605)
[87] (WO2019/133663)
[30] US (62/611,644) 2017-12-29
[30] US (16/232,446) 2018-12-26

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[51] **Int.Cl. F21V 21/30 (2006.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01) F21V 21/14 (2006.01) F21V 21/26 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ADJUSTING A LUMINAIRE**
[54] **PROCEDE ET APPAREIL DE REGLAGE D'UN LUMINAIRE**
[72] LOTFI, AMIR, US
[72] NIKOOYAN, ALI A., US
[72] YOUNG, WILLIAM WAI-LOONG, US
[72] DANESH, MICHAEL D., US
[71] DMF, INC., US
[85] 2020-06-26
[86] 2018-12-27 (PCT/US2018/067614)
[87] (WO2019/133669)
[30] US (62/610,864) 2017-12-27
[30] US (62/728,451) 2018-09-07

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[51] **Int.Cl. B01D 63/08 (2006.01) B01D 33/21 (2006.01) B01D 33/35 (2006.01) B01D 33/39 (2006.01) B01D 33/56 (2006.01) B01D 63/16 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SIMULTANEOUSLY PRODUCING SEPARATE FILTRATES FROM A SINGLE SUBSTRATE**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION SIMULTANEE DE FILTRATS DISTINCTS A PARTIR D'UN SUBSTRAT UNIQUE**
[72] MERICAN, FRANCK, FR
[72] TROUVE, EMMANUEL, FR
[71] FRANCE MEMBRANES TECHNOLOGIES - FMT, FR
[85] 2020-06-26
[86] 2018-12-21 (PCT/EP2018/086695)
[87] (WO2019/129730)
[30] LU (LU100597) 2017-12-28

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[51] **Int.Cl. A24F 47/00 (2020.01) H04W 4/80 (2018.01)**
[25] EN
[54] **DATA CAPTURE ACROSS DEVICES**
[54] **CAPTURE DE DONNEES ENTRE DISPOSITIFS**
[72] MOLONEY, PATRICK, GB
[72] KERSEY, ROBERT, GB
[72] BAKER, DARRYL, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-26
[86] 2018-12-21 (PCT/EP2018/086791)
[87] (WO2019/129751)
[30] GB (1722241.5) 2017-12-29

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[51] **Int.Cl. A23C 20/00 (2006.01) A23L 29/269 (2016.01) A23C 20/02 (2006.01)**
[25] EN
[54] **COMPRESSIBLE NON-DAIRY CHEESE ANALOGS, FORMULATIONS AND PROCESSES FOR MAKING SAME**
[54] **ANALOGUES DE FROMAGE NON LAITIERS COMPRESSIBLES, FORMULATIONS ET PROCESSUS DE FABRICATION DE CEUX-CI**
[72] SCHELLE, MICHAEL, US
[72] COWPERTHWAITE, SUTTON, US
[72] KIZER, LANCE, US
[72] RENNINGER, NEIL, US
[71] RIPPLE FOODS PBC, US
[85] 2020-06-26
[86] 2018-12-27 (PCT/US2018/067629)
[87] (WO2019/133679)
[30] US (62/611,258) 2017-12-28

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) C07H 19/14 (2006.01)**
[25] EN
[54] **COMBINED MODALITIES FOR NUCLEOSIDES AND/OR NADPH OXIDASE (NOX) INHIBITORS AS MYELOID-SPECIFIC ANTIVIRAL AGENTS**
[54] **MODALITES COMBINEES POUR DES NUCLEOSIDES ET/OU DES INHIBITEURS DE LA NADPH OXYDASE (NOX) EN TANT QU'AGENTS ANTIVIRAUX SPECIFIQUES DE CELLULES MYELOIDES**
[72] SCHINAZI, RAYMOND F., US
[72] AMBLARD, FRANCK, US
[72] GAVEGNANO, CHRISTINA, US
[72] COX, BRYAN, US
[72] MENGSHETTI, SEEMA, US
[71] SCHINAZI, RAYMOND F., US
[71] AMBLARD, FRANCK, US
[71] GAVEGNANO, CHRISTINA, US
[71] COX, BRYAN, US
[71] MENGSHETTI, SEEMA, US
[85] 2020-06-26
[86] 2018-12-27 (PCT/US2018/067674)
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[30] US (62/610,841) 2017-12-27

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[51] **Int.Cl. C12P 21/02 (2006.01) A23L 33/135 (2016.01) A61K 35/74 (2015.01) C07K 14/195 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SERPIN PRODUCTION**
[54] **PRODUCTION DE SERPINES**
[72] DUBOUX, STEPHANE, CH
[72] BERGONZELLI DEGONDA, GABRIELA, CH
[72] MERCENIER, ANNICK, CH
[72] TANGYU, MUZI, CN
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-26
[86] 2018-12-27 (PCT/EP2018/097023)
[87] (WO2019/129808)

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[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON WITH INTEGRAL SCORING ELEMENT AND RELATED METHODS**
[54] **BALLONNET AVEC ELEMENT D'ENTAILLE INTEGRE ET METHODES ASSOCIEES**
[72] RONAN, ALLAN, IE
[72] GILES, CIARAN, IE
[71] C.R. BARD, INC., US
[85] 2020-06-26
[86] 2018-01-03 (PCT/US2018/012196)
[87] (WO2019/135741)

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[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/06 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **USE OF INHALED NITRIC OXIDE AND OXYGEN FOR THE TREATMENT OF PULMONARY HYPERTENSION**
[54] **UTILISATION D'OXYGENE ET D'OXYDE NITRIQUE INHALE POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] QUINN, DEBORAH, US
[72] SHAH, PARAG, US
[71] BELLEROPHON PULSE TECHNOLOGIES LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067793)
[87] (WO2019/133776)
[30] US (62/611,316) 2017-12-28

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/13 (2012.01) E21B 47/02 (2006.01) G01C 7/06 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **BOREHOLE MAPPING TOOL AND METHODS OF MAPPING BOREHOLES**
[54] **OUTIL DE CARTOGRAPHIE DE TROU DE FORAGE ET PROCEDES DE CARTOGRAPHIE DE TROUS DE FORAGE**
[72] OSADCHUK, DWAYNE, US
[72] LITTLEFIELD, RYAN, US
[71] OZZIE'S ENTERPRISES LLC, US
[85] 2020-06-26
[86] 2018-10-16 (PCT/US2018/056025)
[87] (WO2020/081057)
[30] US (16/160,108) 2018-10-15

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[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/72 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **PULSED ADMINISTRATION OF INHALED NITRIC OXIDE FOR THE TREATMENT OF PULMONARY HYPERTENSION**
[54] **ADMINISTRATION PULSEE D'OXYDE NITRIQUE INHALE POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] QUINN, DEBORAH, US
[72] SHAH, PARAG, US
[72] DEKKER, MARTIN, US
[71] BELLEROPHON PULSE TECHNOLOGIES LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067794)
[87] (WO2019/133777)
[30] US (62/611,331) 2017-12-28

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[13] A1
[51] **Int.Cl. A61L 2/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DECONTAMINATING SMALL ENCLOSURES**
[54] **PROCEDE ET SYSTEME DE DECONTAMINATION DE PETITES ENCEINTES**
[72] SHANE, HALDEN STUART, US
[72] CATO, JOHNNY SULLIVAN, US
[71] TOMI ENVIRONMENTAL SOLUTIONS, INC., US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067843)
[87] (WO2019/133801)
[30] US (15/858,446) 2017-12-29

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[13] A1
[51] **Int.Cl. G06F 21/44 (2013.01) A24F 47/00 (2020.01)**
[25] EN
[54] **ELECTRICALLY OPERATED AEROSOL GENERATION SYSTEM WITH AUTHENTICATION OF CONSUMABLE**
[54] **SYSTEME DE GENERATION D'AEROSOL A COMMANDE ELECTRIQUE AVEC AUTHENTIFICATION DE CONSOMMABLE**
[72] ESTRIPEAU, FREDERIC, FR
[71] JT INTERNATIONAL S.A., CH
[85] 2020-06-26
[86] 2018-12-28 (PCT/EP2018/097106)
[87] (WO2019/129866)
[30] EP (17211060.3) 2017-12-29

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[51] **Int.Cl. G05B 19/042 (2006.01) H05B 45/00 (2020.01) H05B 47/12 (2020.01) H05B 47/19 (2020.01) G10L 15/22 (2006.01)**
[25] EN
[54] **WIRELESS ENABLED LOAD CONTROL DEVICE WITH VOICE CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE CHARGE ACTIVE SANS FIL AYANT UN SYSTEME A COMMANDE VOCALE**
[72] ARD, AARON, US
[72] SHURTE, JAMES, US
[72] MORGAN, THOMAS, US
[72] GUMINA, RONALD J., US
[71] LEVITON MANUFACTURING CO., INC., US
[85] 2020-06-26
[86] 2018-11-06 (PCT/US2018/059333)
[87] (WO2019/133108)
[30] US (15/855,475) 2017-12-27

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FINE-TUNING SALES CLUSTERS FOR STORES**
[54] **SYSTEME ET PROCEDE D'AJUSTEMENT DE GROUPES DE VENTE POUR DES MAGASINS**
[72] KARMAKAR, SOMEDIP, IN
[72] MANNA, SOURIT, IN
[72] PAL, GAYATRI, IN
[71] WALMART APOLLO, LLC, US
[85] 2020-06-26
[86] 2018-12-17 (PCT/US2018/065980)
[87] (WO2019/133323)
[30] IN (201741046965) 2017-12-28
[30] US (62/636,904) 2018-03-01

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[51] **Int.Cl. H04W 12/06 (2009.01) G06F 21/32 (2013.01)**
[25] EN
[54] **BIOMETRIC METHODS FOR ONLINE USER AUTHENTICATION**
[54] **PROCEDES BIOMETRIQUES D'AUTHENTIFICATION D'UTILISATEURS EN LIGNE**
[72] BUD, ANDREW, GB
[72] NEWELL, ANDREW, GB
[71] IPROOV LIMITED, GB
[85] 2020-06-26
[86] 2018-12-28 (PCT/EP2018/097130)
[87] (WO2019/129881)
[30] US (62/611459) 2017-12-28

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[51] **Int.Cl. B64D 45/02 (2006.01) B29C 70/34 (2006.01) B32B 15/20 (2006.01) B32B 27/06 (2006.01) B32B 27/08 (2006.01) B32B 27/12 (2006.01) B32B 27/18 (2006.01) B32B 27/20 (2006.01) B32B 27/38 (2006.01) B64C 1/12 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL SURFACING FILMS**
[54] **FILMS DE SURFACAGE MULTIFONCTIONNELS**
[72] JAVIER, ANNA ESMERALDA, US
[72] O'KANE, RUAIRI, US
[72] FABBRO, INNOCENTE G., CA
[71] HENKEL IP & HOLDING GMBH, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-06-26
[86] 2018-12-19 (PCT/US2018/066369)
[87] (WO2019/133354)
[30] US (62/611,712) 2017-12-29

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) C07K 14/775 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **METHODS FOR PRESERVING AND ADMINISTERING PRE-BETA HIGH DENSITY LIPOPROTEIN EXTRACTED FROM HUMAN PLASMA**
[54] **PROCEDES DE CONSERVATION ET D'ADMINISTRATION DE PRE-BETA LIPOPROTEINES DE HAUTE DENSITE EXTRAITES A PARTIR DE PLASMA HUMAIN**
[72] BREWER, HOLLIS BRYAN, JR., US
[72] MATIN, MICHAEL M., US
[71] HDL THERAPEUTICS, INC., US
[85] 2020-06-26
[86] 2018-12-19 (PCT/US2018/066389)
[87] (WO2019/133358)
[30] US (62/611,098) 2017-12-28

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **METHODS FOR PROMOTING PANCREATIC ISLET CELL GROWTH**
[54] **PROCEDES PERMETTANT DE FAVORISER LA CROISSANCE DE CELLULES D'ILOTS PANCREATIQUES**
[72] MICHIELI, PAOLO, XX
[71] AGOMAB THERAPEUTICS, BE
[85] 2020-06-26
[86] 2019-01-03 (PCT/EP2019/050084)
[87] (WO2019/134932)
[30] IT (102018000000534) 2018-01-03

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[13] A1
[51] **Int.Cl. H01R 13/64 (2006.01) H01R 13/512 (2006.01)**
[25] EN
[54] **PIN AND SLEEVE DEVICE WITH CONTACT CARRIER FOR CAPTURING SET SCREWS**
[54] **DISPOSITIF DE TIGE ET DE MANCHON AVEC SUPPORT DE CONTACT POUR LA CAPTURE DE VIS DE REGLAGE**
[72] SURANA, GAURAV, US
[71] LEVITON MANUFACTURING CO., INC., US
[85] 2020-06-26
[86] 2018-12-19 (PCT/US2018/066516)
[87] (WO2019/133388)
[30] US (15/854,898) 2017-12-27

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) A62B 35/04 (2006.01)**
[25] EN
[54] **SAFETY CLIMB ATTENUATION APPARATUS**
[54] **APPAREIL D'ATTENUATION POUR LA MONTEE EN SECURITE**
[72] TURCOTTE, ALLEN GASTON, US
[71] CROWN CASTLE USA, INC., US
[85] 2020-06-26
[86] 2018-12-19 (PCT/US2018/066591)
[87] (WO2019/133401)
[30] US (62/611,191) 2017-12-28

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[13] A1
[51] **Int.Cl. C07D 215/44 (2006.01) A61K 31/4706 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED HALO-QUINOLINE DERIVATIVES, METHOD OF PREPARATION AND APPLICATIONS THEREOF**
[54] **DERIVES DE HALO-QUINOLEINE SUBSTITUES, PROCEDE DE PREPARATION ET APPLICATIONS DE CEUX-CI**
[72] PASSERON, THIERRY, FR
[72] BENHIDA, RACHID, FR
[72] DAO, PASCAL, FR
[72] DE DONATIS, GIAN MARCO, FR
[72] MARTIN, ANTHONY, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITY COTE D'AZUR, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE NICE, FR
[85] 2020-06-26
[86] 2019-01-04 (PCT/EP2019/050175)
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[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PORTABLE PILL DISPENSERS WITH VARIOUS DISPENSING MECHANISMS**
[54] **SYSTEMES ET PROCEDES POUR DISTRIBUTEURS DE PILULES PORTABLES DOTES DE DIVERS MECANISMES DE DISTRIBUTION**
[72] CROWLEY, CHRIS, US
[72] MCCRARY, TYLER, US
[72] BROOM, WARD, US
[72] KIDD, JOHN, US
[72] HANCOCK, ASHLEY B., US
[72] INGOLDBY, MICHAEL, US
[72] NELSON IV, ROSCOE CONKLING, US
[71] INTENT SOLUTIONS, INC., US
[85] 2020-06-26
[86] 2018-12-20 (PCT/US2018/066640)
[87] (WO2019/133404)
[30] US (62/610,634) 2017-12-27

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[13] A1
[51] **Int.Cl. C02F 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PRODUCING COMPOSITIONS FROM THE NUTRIENTS RECOVERED FROM WASTE STREAMS**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE COMPOSITIONS A PARTIR DE NUTRIMENTS RECUPERES D'UN FLUX DE DECHETS**
[72] KRIVOV, ANJU D., US
[71] GSR SOLUTIONS LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067972)
[87] (WO2019/133885)
[30] US (15/856,642) 2017-12-28

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[51] **Int.Cl. A61K 38/48 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/68 (2006.01) A61K 31/407 (2006.01) A61K 31/43 (2006.01) A61K 31/47 (2006.01) A61K 31/545 (2006.01) A61K 31/7036 (2006.01) A61K 31/7048 (2006.01) A61K 38/06 (2006.01) A61K 47/10 (2017.01) A61P 11/00 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **PEPTIDES HAVING PROTEASE ACTIVITY FOR USE IN THE TREATMENT OR PREVENTION OF CORONAVIRUS INFECTION**
[54] **PEPTIDES PRESENTANT UNE ACTIVITE DE PROTEASE DESTINES A ETRE UTILISES DANS LE TRAITEMENT OU LA PREVENTION D'UNE INFECTION A CORONAVIRUS**
[72] GUDMUNDSDOTTIR, AGUSTA, IS
[72] STEFANSSON, BJARKI, IS
[72] SANDHOLT, GUNNAR BIRGIR, IS
[71] ENZYMATICA AB, SE
[85] 2020-06-26
[86] 2019-01-07 (PCT/EP2019/050266)
[87] (WO2019/135003)
[30] GB (1800274.1) 2018-01-08

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[13] A1
[51] **Int.Cl. B01D 39/16 (2006.01)**
[25] EN
[54] **FILTER MEDIUM HAVING A NONWOVEN LAYER AND A MELT-BLOWN LAYER**
[54] **MATERIAU FILTRANT DOTE D'UNE COUCHE DE NON-TISSE**
[72] DEMMEL, ANDREAS, DE
[72] GEISBERGER, GEORG, DE
[71] NEENAH GESSNER GMBH, DE
[85] 2020-06-26
[86] 2019-01-14 (PCT/EP2019/050773)
[87] (WO2019/154591)
[30] DE (10 2018 102 822.9) 2018-02-08

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[51] **Int.Cl. C12P 21/06 (2006.01)**
[25] EN
[54] **BIOLOGICAL SYNTHESIS OF AMINO ACID CHAINS FOR PREPARATION OF PEPTIDES AND PROTEINS**
[54] **SYNTHESE BIOLOGIQUE DE CHAINES D'ACIDES AMINES POUR LA PREPARATION DE PEPTIDES ET DE PROTEINES**
[72] KUTZNER, CHRISTOPH, DE
[72] GIUMAN, MARCO, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[85] 2020-06-26
[86] 2019-01-15 (PCT/EP2019/050892)
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[30] DE (10 2018 200 602.4) 2018-01-15

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **APPLICATION RUNTIME DETERMINED DYNAMICAL ALLOCATION OF HETEROGENEOUS COMPUTE RESOURCES**
[54] **ATTRIBUTION DYNAMIQUE DETERMINEE D'EXECUTION D'APPLICATION DE RESSOURCES INFORMATIQUES HETEROGENES**
[72] LIPPERT, THOMAS, DE
[72] FROHWITTER, BERNHARD, DE
[71] PARTEC CLUSTER COMPETENCE CENTER GMBH, DE
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[54] **MULTI-LAYER ORAL THIN FILM**
[54] **FILM MINCE MULTICOUCHE D'HYGIENE BUCCO-DENTAIRE**
[72] SCHMITZ, CHRISTOPH, DE
[72] LINN, MICHAEL, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[51] **Int.Cl. G01N 33/86 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING HAEMOSTASIS DISORDERS USING ACTIVATED CHARCOAL**
[54] **PROCEDE DE DIAGNOSTIC DE TROUBLES DE L'HEMOSTASE A L'AIDE DE CHARBON ACTIF**
[72] DOUXFILS, JONATHAN, BE
[72] GHELDOF, DAMIEN CLAUDE JOSEPH, BE
[72] DOGNE, JEAN-MICHEL PAUL NICOLAS, BE
[71] UNIVERSITE DE NAMUR ASBL, BE
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[54] **ANTAGONISTES OPIOIDES A LONGUE DUREE D'ACTION**
[72] HAYWARD, STEPHEN L., US
[72] ZANA, LAWRENCE, US
[71] CONSEGNA PHARMA INC., US
[85] 2020-06-26
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[54] **DENSIFIED WOOD INCLUDING PROCESS FOR PREPARATION**
[54] **BOIS DENSIFIE FAISANT APPEL A UN PROCEDE DE PREPARATION**
[72] BJORKMAN, TRAVIS E., US
[72] BEAKLER, BRAIN W, US
[72] MARRA, LUKE P., US
[71] ARMSTRONG HARDWOOD FLOORING COMPANY, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067849)
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[54] **TARGETING THE CBM SIGNALOSOME COMPLEX INDUCES REGULATORY T CELLS TO INFLAME THE TUMOR MICROENVIRONMENT**
[54] **CIBLAGE DU COMPLEXE SIGNALOSOME CBM QUI INDUIT DES LYMPHOCYTES T REGULATEURS POUR INFERER LE MICROENVIRONNEMENT TUMORAL**
[72] MEMPEL, THORSTEN R., US
[72] DI PILATO, MAURO, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067856)
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[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING BIOCHEMICAL SENSOR DATA**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE DONNEES DE CAPTEUR BIOLOGIQUE**
[72] HWANG, BEN, US
[72] MCMILLAN, WILLIAM A., US
[72] WISNIEWSKI, NATALIE, US
[71] PROFUSA, INC., US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067862)
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[54] **MIRROR ALIGNMENT IN OPTICAL SCIENTIFIC INSTRUMENTS**
[54] **ALIGNEMENT DE MIROIRS DANS DES INSTRUMENTS SCIENTIFIQUES OPTIQUES**
[72] COFFIN, JOHN MAGIE, US
[71] THERMO ELECTRON SCIENTIFIC INSTRUMENTS LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067927)
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/05 (2006.01)**
[25] EN
[54] **CANNABIDIOL DOSAGE FORM**
[54] **FORME POSOLOGIQUE A BASE DE CANNABINOIDES**
[72] DAVIS, JUSTIN, US
[72] BAKER, RICHARD P., US
[71] TGC NETWORK LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067962)
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[30] US (62/612,172) 2017-12-29
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[51] **Int.Cl. A47C 7/54 (2006.01)**
[25] EN
[54] **FASTENERLESS ARM PAD ATTACHMENT MECHANISM**
[54] **MECANISME DE FIXATION DE MANCHETTE SANS ATTACHE**
[72] HECTOR, ANDREW BLAIR, US
[72] FLYNN, CHRISTOPHER, US
[71] KNOLL, INC., US
[85] 2020-06-26
[86] 2019-01-10 (PCT/US2019/013007)
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[30] US (62/620,177) 2018-01-22
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[51] **Int.Cl. G07B 15/02 (2011.01) G08G 1/01 (2006.01)**
[25] EN
[54] **PARKING CHARGING METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE FACTURATION DE STATIONNEMENT, ET DISPOSITIF ELECTRONIQUE**
[72] JIANG, GUOFEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-29
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[25] EN
[54] **IMPLANTABLE DEVICE FOR SUSTAINED RELEASE OF A MACROMOLECULAR DRUG COMPOUND**
[54] **DISPOSITIF IMPLANTABLE POUR LA LIBERATION PROLONGEE D'UN COMPOSE MEDICAMENTEUX MACROMOLECULAIRE**
[72] SCHNEIDER, CHRISTIAN, US
[71] CELANESE EVA PERFORMANCE POLYMERS CORPORATION, US
[85] 2020-06-26
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[25] EN
[54] **MULTIVALENT LIVE-ATTENUATED INFLUENZA VACCINE FOR PREVENTION AND CONTROL OF EQUINE INFLUENZA VIRUS (EIV) IN HORSES**
[54] **VACCIN VIVANT ATTENUE MULTIVALENT CONTRE LA GRIPPE POUR LA PREVENTION ET LE CONTROLE DU VIRUS DE LA GRIPPE EQUINE (EIV) CHEZ LES CHEVAUX**
[72] MARTINEZ-SOBRIDO, LUIS, US
[72] CHAMBERS, THOMAS, US
[71] UNIVERSITY OF ROCHESTER, US
[71] UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
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[25] EN
[54] **INDUCTION HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE**
[54] **ENSEMBLE DE CHAUFFAGE PAR INDUCTION DESTINE A UN DISPOSITIF DE GENERATION DE VAPEUR**
[72] GILL, MARK, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-29
[86] 2018-12-28 (PCT/EP2018/097073)
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[25] EN
[54] **A PROCESS FOR CONTROLLING THE CONCENTRATION OF DISSOLVED OXYGEN WITHIN A SPECIFIED OPEN BODY OF WATER**
[54] **PROCEDE DE REGULATION DE LA CONCENTRATION EN OXYGENE DISSOUS DANS UN PLAN D'EAU OUVERT SPECIFIE**
[72] BEATTIE, MIKE, CA
[72] GLASSFORD, DAVID, CA
[71] GIS GAS INFUSION SYSTEMS INC., CA
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[86] 2019-01-16 (PCT/CA2019/050060)
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[25] FR
[54] **ASSEMBLY OF PARTS MADE FROM THERMOPLASTIC MATERIAL AND METHOD FOR ASSEMBLING SUCH PARTS BY MEANS OF THERMOPLASTIC RIVETING**
[54] **ASSEMBLAGE DE PIECES EN MATERIAU THERMOPLASTIQUE ET PROCEDE D'ASSEMBLAGE DE TELLES PIECES PAR RIVETAGE THERMOPLASTIQUE**
[72] PERRIER, CHRISTOPHE, FR
[72] BORLOT, JEAN,MICHEL, FR
[71] LATECOERE, FR
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[86] 2018-12-26 (PCT/EP2018/086875)
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[25] EN
[54] **HEALTH MONITORING MAT**
[54] **TAPIS DE SURVEILLANCE DE SANTE**
[72] CHAHINE, TONY, CA
[72] AITKEN, STEVEN, CA
[72] STRAKA, ADRIAN, CA
[72] ALIZADEH-MEGHRAZI, MILAD, CA
[72] JAVAID, ABDUL, CA
[71] MYANT INC., CA
[85] 2020-06-29
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[25] EN
[54] **INHOMOGENEOUS QUANTUM ANNEALING SCHEDULES**
[54] **PROGRAMMES DE RECUIT QUANTIQUE NON HOMOGENE**
[72] MOHSENI, MASOUD, US
[72] NEVEN, HARTMUT, US
[71] GOOGLE LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/067977)
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[25] EN
[54] **FUNCTIONAL FLUIDS LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE POUR FLUIDES FONCTIONNELS**
[72] BUITRAGO, JUAN A., US
[72] CHASE, KEVIN J., US
[72] JAMES, JOSHUA B., US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-06-29
[86] 2019-02-28 (PCT/IB2019/051606)
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[30] US (62/636,305) 2018-02-28

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[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/00 (2014.01) B42D 25/23 (2014.01) B42D 25/41 (2014.01) B42D 25/42 (2014.01) B42D 25/45 (2014.01)**
[25] EN
[54] **LINE SEGMENT CODE FOR EMBEDDING INFORMATION IN AN IMAGE**
[54] **CODE DE SERGMENT DE LIGNE PERMETTANT D'INCORPORER DES INFORMATIONS DANS UNE IMAGE**
[72] JONES, ROBERT L., US
[72] ECKEL, ROBERT ANDREW, US
[71] JONES, ROBERT L., US
[71] ECKEL, ROBERT ANDREW, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/068024)
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[54] **ENHANCED VEHICLE TRACKING**
[54] **SUIVI DE VEHICULE AMELIORE**
[72] ONDRUSKA, PETER, GB
[72] PLATINSKY, LUKAS, GB
[72] SURENDRAN, SURAJ MANNAKUNNEL, GB
[71] BLUE VISION LABS UK LIMITED, GB
[85] 2020-06-29
[86] 2019-02-25 (PCT/GB2019/050515)
[87] (WO2019/175534)
[30] GB (1804195.4) 2018-03-15
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[51] **Int.Cl. A61B 5/11 (2006.01) G16H 10/60 (2018.01) G16H 40/00 (2018.01) G08B 21/00 (2006.01) G08B 21/02 (2006.01) G08B 21/04 (2006.01)**
[25] EN
[54] **METHOD FOR TRACKING AND REACTING TO EVENTS IN AN ASSISTED LIVING FACILITY**
[54] **PROCEDE DE SUIVI ET DE REACTION A DES EVENEMENTS DANS UNE RESIDENCE ASSISTEE**
[72] DEVDAS, VIKRAM, CA
[72] MCNAMARA, SHANE, CA
[72] PANG, CHRIS, CA
[71] PHILIPS NORTH AMERICA LLC, US
[85] 2020-06-26
[86] 2018-12-28 (PCT/US2018/068053)
[87] (WO2019/133933)
[30] US (62/612,354) 2017-12-30
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DIGITAL COMMERCE**
[54] **PROCEDE ET APPAREIL DESTINES AU COMMERCE NUMERIQUE**
[72] HARRIS, COOPER, US
[72] MONKS-CORRIGAN, XAVIER, US
[71] HARRIS, COOPER, US
[71] MONKS-CORRIGAN, XAVIER, US
[85] 2020-06-26
[86] 2018-12-31 (PCT/US2018/068233)
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[30] US (62/611,903) 2017-12-29

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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IPSC-BASED VACCINE AS A PROPHYLACTIC AND THERAPEUTIC TREATMENT FOR CANCER**
[54] **UTILISATION D'UN VACCIN A BASE D'IPSC EN TANT QUE TRAITEMENT PROPHYLACTIQUE ET THERAPEUTIQUE DU CANCER**
[72] KOOREMAN, NIGEL G., US
[72] WU, JOSEPH C., US
[72] BUI, LYNNE, US
[71] KHLORIS BIOSCIENCES, INC., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2020-06-26
[86] 2019-01-01 (PCT/US2019/012003)
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[30] US (62/612,826) 2018-01-02

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[51] **Int.Cl. A61K 6/887 (2020.01) A61K 6/20 (2020.01)**
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[54] **DENTAL COMPOSITION**
[54] **COMPOSITION DENTAIRE**
[72] RENN, CAROLINE, US
[72] SZILLAT, FLORIAN, US
[72] KLEE, JOACHIM E., US
[72] SCHEUFLER, CHRISTIAN, US
[72] ELSNER, OLIVER, US
[72] TIGGES, THOMAS, US
[72] WORM, MATTIAS, US
[72] RITTER, HELMUT, US
[72] JIN, XIAOMING, US
[71] DENTSPLY SIRONA INC., US
[85] 2020-06-26
[86] 2019-01-02 (PCT/US2019/012043)
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[54] **CAMERA ENHANCED RIDE SHARING**
[54] **COVOITURAGE AMELIORE PAR CAMERA**
[72] HODGE, ANDREW, US
[72] ACKERMAN, NATHAN, US
[72] LABROSSE, JEAN-PAUL, US
[72] WILLIAMS, PHILLIP LUCAS, US
[72] SULLIVAN, SCOTT LINDSAY, US
[72] ALDERMAN, JASON MATTHEW, US
[71] XIRGO TECHNOLOGIES, LLC, US
[85] 2020-06-26
[86] 2019-01-02 (PCT/US2019/012051)
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[30] US (62/612,958) 2018-01-02

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[54] **CAPACITIVELY-DRIVEN TUNABLE COUPLING**
[54] **COUPLAGE REGLABLE A EXCITATION CAPACITIVE**
[72] KEANE, ZACHARY KYLE, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2020-06-26
[86] 2019-01-02 (PCT/US2019/012065)
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[30] US (15/868,557) 2018-01-11

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[25] EN
[54] **NANOPOROUS SELECTIVE SOL-GEL CERAMIC MEMBRANES, SELECTIVE -MEMBRANE STRUCTURES, AND RELATED METHODS**
[54] **MEMBRANES CERAMIQUES SOL-GEL SELECTIVES NANOPOREUSES, STRUCTURES A MEMBRANE SELECTIVE, ET PROCEDES ASSOCIES**
[72] NEWBLOOM, GREGORY M., US
[72] WEST, AARON F., US
[72] KASTILLANI, RYAN, US
[72] WEI, CANFENG, US
[72] RODRIGUEZ, JAIME, US
[72] POZZO, LILO D., US
[72] MARTIN, LAUREN, US
[71] UNIVERSITY OF WASHINGTON, US
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[30] US (62/613,712) 2018-01-04
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[25] EN
[54] **ANTI-MCT1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-MCT1 ET UTILISATIONS ASSOCIEES**
[72] ROTHSTEIN, JAY, US
[72] CARRIERE, CATHERINE, US
[72] SEREGIN, SERGEY, US
[72] GOBEIL, PHILIPE, CA
[72] LEE, GRACE KI JEONG, US
[72] SHIGENAKA, KIMBERLY P., US
[72] GORDON, MARCIA, US
[72] QUON, KIM, US
[72] WANG, YONG, US
[72] LEVY, RAPHAEL D., US
[72] WANG, JORDON K., US
[72] CHAMBERS, ROSS, US
[72] TUCKER, DAVID FRANCIS, US
[72] SCRENCI, BRAD A., US
[71] IMMUNEXT, INC., US
[71] AMGEN INC., US
[85] 2020-06-26
[86] 2019-01-04 (PCT/US2019/012415)
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[30] US (62/614,081) 2018-01-05
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[30] US (62/717,289) 2018-08-10
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[25] EN
[54] **SOFTENER EDUCTOR WITH EMBEDDED CHECK VALVE**
[54] **EJECTEUR D'ADOUCISSANT AVEC CLAPET ANTI-RETOUR INTEGRE**
[72] ANDERSON, DOUGLAS, US
[72] SAHNI, HARKIRAT, US
[72] WEST, DAVID JAN, US
[71] CULLIGAN INTERNATIONAL COMPANY, US
[85] 2020-06-26
[86] 2019-01-07 (PCT/US2019/012458)
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[30] US (62/614,218) 2018-01-05

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[25] EN
[54] **BENZAMIDE COMPOUNDS**
[54] **COMPOSES BENZAMIDE**
[72] PINCHMAN, JOSEPH ROBERT, US
[72] HUANG, PETER QINHUA, US
[72] BUNKER, KEVIN DUANE, US
[72] SIT, RAKESH KUMAR, US
[72] SAMATAR, AHMED ABDI, US
[71] RECURIUM IP HOLDINGS, LLC, US
[85] 2020-06-26
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[54] **BENZAMIDE COMPOUNDS**
[54] **COMPOSES BENZAMIDE**
[72] PINCHMAN, JOSEPH ROBERT, US
[72] HUANG, PETER QINHUA, US
[72] BUNKER, KEVIN DUANE, US
[72] SIT, RAKESH KUMAR, US
[72] SAMATAR, AHMED ABDI, US
[71] RECURIUM IP HOLDINGS, LLC, US
[85] 2020-06-26
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[30] US (62/615,857) 2018-01-10

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[54] **BENZAMIDE COMPOUNDS**
[54] **COMPOSES BENZAMIDE**
[72] PINCHMAN, JOSEPH ROBERT, US
[72] HUANG, PETER QINHUA, US
[72] BUNKER, KEVIN DUANE, US
[72] SIT, RAKESH KUMAR, US
[72] SAMATAR, AHMED ABDI, US
[71] RECURIUM IP HOLDINGS, LLC, US
[85] 2020-06-26
[86] 2019-01-08 (PCT/US2019/012719)
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[51] **Int.Cl. A47C 7/14 (2006.01) A47C 1/023 (2006.01) A47C 3/02 (2006.01) A47C 3/026 (2006.01) A47C 3/22 (2006.01)**
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[54] **CHAIR TILT MECHANISM**
[54] **MECANISME DE BASCULE DE CHAISE**
[72] JONES, MARK, GB
[71] KNOLL, INC., US
[85] 2020-06-26
[86] 2019-01-09 (PCT/US2019/012830)
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[30] US (62/620,196) 2018-01-22
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[51] **Int.Cl. H04Q 9/00 (2006.01) G21C 17/00 (2006.01)**
[25] EN
[54] **WIRELESS MONITORING AND PROFILING OF REACTOR CONDITIONS USING PLURALITY OF SENSOR-ENABLED RFID TAGS HAVING KNOWN LOCATIONS**
[54] **SURVEILLANCE ET PROFILAGE SANS FIL DE CONDITIONS DE REACTEUR A L'AIDE D'UNE PLURALITE D'ETIQUETTES RFID ACTIVEES PAR UN CAPTEUR COMPORTANT DES EMPLACEMENTS CONNUS**
[72] VOGT, KASPAR JOSEPH, US
[72] FUCHS, DAVID WINN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-06-26
[86] 2019-01-09 (PCT/US2019/012882)
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[54] **SHATTERPROOF GENES AND MUTATIONS**
[54] **GENES DE RESISTANCE A L'EGRENAGE ET MUTATIONS**
[72] GOCAL, GREGORY F. W., US
[71] CIBUS US LLC, US
[71] CIBUS EUROPE B.V., NL
[85] 2020-06-26
[86] 2019-01-09 (PCT/US2019/012938)
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[54] **COMPOSITION FOR MODULATING METABOLISM**
[54] **COMPOSITION DE MODULATION DU METABOLISME**
[72] CHAE, LEE HEIL, US
[71] BRIGHTSEED, INC., US
[85] 2020-06-26
[86] 2019-01-10 (PCT/US2019/012986)
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[54] **PREPARATION OF AROMATIC-SUBSTITUTED SILYLAMINES BY THE DEHYDROGENATIVE COUPLING OF AROMATIC-SUBSTITUTED AMINE N-H AND SI-H BONDS**
[54] **PREPARATION DE SILYLAMINES A SUBSTITUTION AROMATIQUE PAR COUPLAGE DESHYDROGENATIF DE LIAISONS N-H ET SI-H A SUBSTITUTION AROMATIQUE**
[72] TOUTOV, ANTON A., US
[72] BETZ, KERRY N., US
[72] ROMINE, ANDREW M., US
[72] GRUBBS, ROBERT H., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **METHOD FOR MODULATING METABOLISM**
[54] **PROCEDE DE MODULATION DU METABOLISME**
[72] CHAE, LEE HEIL, US
[71] BRIGHTSEED, INC., US
[85] 2020-06-26
[86] 2019-01-10 (PCT/US2019/012993)
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[25] EN
[54] **CEMENT COMPOSITIONS COMPRISING AQUEOUS LATEX CONTAINING DISPERSED SOLID AND LIQUID ELASTOMER PHASES**
[54] **COMPOSITIONS DE CIMENT COMPRENANT UN LATEX AQUEUX CONTENANT DES PHASES D'ELASTOMERE SOLIDE ET LIQUIDE DISPERSEES**
[72] REDDY, B. RAGHAVA, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-26
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[25] EN
[54] **CEMENT COMPOSITIONS COMPRISING HIGH VISCOSITY ELASTOMERS ON A SOLID SUPPORT**
[54] **COMPOSITIONS DE CIMENT COMPRENANT DES ELASTOMERES A HAUTE VISCOSITE SUR UN SUPPORT SOLIDE**
[72] REDDY, B. RAGHAVA, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-26
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[25] EN
[54] **DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT**
[72] SCHNEEBERGER, ACHIM, AT
[72] KUHNE, KLAUS, DE
[72] KERSCHBAUMER, HELMUT, CH
[72] VASIC, SRDAN, CH
[71] LAXXON MEDICAL AG, CH
[71] EXENTIS KNOWLEDGE GMBH, CH
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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **STENT APPARATUS HAVING SELF-PLEATED SKIRT, PROCESSING METHOD THEREFOR, SKIRT PLEATING METHOD, AND CARDIAC VALVE**
[54] **APPAREIL DE STENT A JUPE AUTO-PLISSEE, PROCEDE DE TRAITEMENT ASSOCIE, PROCEDE DE PLISSAGE DE JUPE, ET VALVE CARDIAQUE**
[72] QI, JESSE JUN, US
[71] VENUS MEDTECH (HANGZHOU) INC., CN
[85] 2020-06-29
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[30] CN (201710786392.2) 2017-09-04
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[54] **MEMS DEVICE FOR AN IMPLANT ASSEMBLY**
[54] **DISPOSITIF MEMS POUR ENSEMBLE IMPLANT**
[72] ZAMAN, MOHAMMAD FAISAL, US
[72] FONG, JEFFREY, US
[72] CHEE, JULIAN, US
[72] PANIAN, TYLER, US
[72] NAGY, MICHAEL, US
[71] ENDOTRONIX, INC., US
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[51] **Int.Cl. E04F 19/04 (2006.01) E06B 1/34 (2006.01)**
[25] EN
[54] **SHOE MOULDING TO FINISH INTERIOR DOORWAY**
[54] **MOULAGE DE SEMELLE POUR FINIR UNE ENTREE DE PORTE INTERIEURE**
[72] FULBROOK, JIM E., US
[71] FULBROOK, JIM E., US
[85] 2020-06-25
[86] 2019-01-15 (PCT/US2019/013715)
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[51] **Int.Cl. A24F 47/00 (2020.01) A24B 3/14 (2006.01) A24B 15/14 (2006.01) A61M 11/04 (2006.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **INDUCTIVELY HEATABLE CONSUMABLE FOR AEROSOL GENERATION**
[54] **CONSOMMABLE POUVANT ETRE CHAUFFE PAR INDUCTION POUR LA GENERATION D'AEROSOL**
[72] ALIZON, ROBERT, CH
[72] UHRMEISTER, PETER, DE
[72] ROGAN, ANDREW, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-29
[86] 2018-12-21 (PCT/EP2018/086525)
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[25] EN
[54] **COMPOSITION CONTAINING CANNABIDIOL/CANNABIS EXTRACT AND CAFFEINE, AND APPLICATION OF COMPOSITION**
[54] **COMPOSITION CONTENANT UN EXTRAIT DE CANNABIDIOL/CANNABIS ET DE LA CAFEINE, ET APPLICATION DE LA COMPOSITION**
[72] ZHANG, KE, CN
[72] TAN, XIN, CN
[72] YU, ZHAOHUI, CN
[72] CHANG, TANRAN, CN
[72] LIAN, MENG, CN
[72] JIN, QIAN, CN
[71] HANYI BIO-TECHNOLOGY (BEIJING) CO., LTD, CN
[85] 2020-06-29
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[51] **Int.Cl. G16H 20/10 (2018.01) G06F 16/27 (2019.01)**
[25] EN
[54] **BLOCKCHAIN PRESCRIPTION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'ORDONNANCES PAR LE BIAIS D'UNE CHAINE DE BLOCS**
[72] SMITH, DAVID ALLEN, US
[72] GRAY, JOHN MARLEY, US
[72] RHETICK, SENGUPTA, US
[72] YOUNG, KEVIN C., US
[72] BLACKLEY, CHRISTOPHER SCOTT, US
[71] PRESCRYPTIVE HEALTH, INC., US
[85] 2020-06-25
[86] 2018-12-21 (PCT/US2018/067383)
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[30] US (15/855,930) 2017-12-27

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[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/44 (2006.01) A47J 31/54 (2006.01)**
[25] EN
[54] **DEVICE FOR HEATING AND EMULSIFYING BEVERAGES**
[54] **DISPOSITIF DE CHAUFFAGE ET D'EMULSIFICATION DE BOISSONS**
[72] DE' LONGHI, GIUSEPPE, IT
[72] QUARATESI, GUIDO, IT
[72] CRISTOFOLI, CLAUDIO, IT
[72] ROSSETTO, GIOVANNI, IT
[71] DE' LONGHI APPLIANCES S.R.L., IT
[85] 2020-06-29
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[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES COMPRISING ENZYME**
[54] **ARTICLES EN DOSE UNITAIRE SOLUBLE DANS L'EAU COMPRENANT UNE ENZYME**
[72] SIVIK, MARK ROBERT, US
[72] BUEHLER, THERESA ANNE, US
[72] DENOME, FRANK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-06-26
[86] 2019-01-22 (PCT/US2019/014454)
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[51] **Int.Cl. H04Q 11/00 (2006.01)**
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[54] **COMMUNICATIONS NETWORK AND RELATED DEVICE**
[54] **RESEAU DES COMMUNICATIONS ET DISPOSITIF ASSOCIE**
[72] DENG, CHAOJUN, CN
[72] LIN, LIANKUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-06-29
[86] 2018-12-20 (PCT/CN2018/122230)
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[30] CN (201810046574.0) 2018-01-17

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[51] **Int.Cl. C07J 43/00 (2006.01)**
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[54] **CYCLIN-DEPENDENT KINASE DEGRADERS AND METHODS OF USE**
[54] **AGENTS DE DEGRADATION DE KINASE DEPENDANTE DE LA CYCLINE ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL S., US
[72] HATCHER, JOHN, US
[71] DANA-FARBER CANCER INSTITUE, INC., US
[85] 2020-06-26
[86] 2019-02-13 (PCT/US2019/017749)
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[51] **Int.Cl. A24F 47/00 (2020.01)**
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[54] **AEROSOL DELIVERY DEVICE PROVIDING FLAVOR CONTROL**
[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL FOURNISSANT UNE COMMANDE D'AROME**
[72] BLESS, ALFRED C., US
[72] SHORT, JASON M., US
[72] SEARS, STEPHEN B., US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2020-06-29
[86] 2018-12-19 (PCT/IB2018/060377)
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[51] **Int.Cl. C07D 243/38 (2006.01) C07D 403/04 (2006.01)**
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[54] **INHIBITORS OF EGFR AND METHODS OF USE THEREOF**
[54] **INHIBITEURS D'EGFR ET LEURS PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL S., US
[72] DE CLERCQ, DRIES, US
[72] JANG, JAEBONG, US
[72] JANNE, PASI, US
[72] TO, CIRIC, US
[72] ECK, MICHAEL, US
[72] PARK, EUNYOUNG, US
[72] HEPPNER, DAVID, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2020-06-26
[86] 2019-02-20 (PCT/US2019/018773)
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[30] US (62/632,819) 2018-02-20
[30] US (62/744,086) 2018-10-10

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[51] **Int.Cl. G01N 21/59 (2006.01) A61B 5/1455 (2006.01) G01N 29/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FLUENCE MATCHING IN PHOTOACOUSTIC IMAGING**
[54] **PROCEDE ET SYSTEME DE MISE EN CORRESPONDANCE DE FLUENCE DANS UNE IMAGERIE PHOTOACOUSTIQUE**
[72] FADHEL, MUHANNAD N., CA
[72] KOLIOS, MICHAEL, CA
[71] FADHEL, MUHANNAD N., CA
[71] KOLIOS, MICHAEL, CA
[85] 2020-06-29
[86] 2019-01-25 (PCT/CA2019/050088)
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[30] US (62/621,942) 2018-01-25

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[51] **Int.Cl. H05K 1/02 (2006.01) H01P 5/16 (2006.01) H05K 3/40 (2006.01) H05K 3/42 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING TECHNOLOGY (AMT) LOW PROFILE SIGNAL DIVIDER**
[54] **DIVISEUR DE SIGNAL A FAIBLE PROFIL EN TECHNOLOGIE DE FABRICATION ADDITIVE (AMT)**
[72] NUFIO-MOLINA, JONATHAN E., US
[72] SIKINA, THOMAS V., US
[72] BENEDICT, JAMES E., US
[72] SOUTHWORTH, ANDREW R., US
[72] AZADZOI, SEMIRA M., US
[71] RAYTHEON COMPANY, US
[85] 2020-06-26
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[25] EN
[54] **PLANT MICROBIAL PREPARATIONS, COMPOSITIONS AND FORMULATIONS COMPRISING SAME AND USES THEREOF**
[54] **PREPARATIONS MICROBIENNES VEGETALES, COMPOSITIONS ET FORMULATIONS LES COMPRENANT ET LEURS UTILISATIONS**
[72] IONESCU, MICHAEL, IL
[72] ADATO, AVITAL, IL
[72] ETZIONI, ADI, IL
[72] KARCHI, HAGAI, IL
[71] LAVIE BIO LTD., IL
[85] 2020-06-29
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[54] **OPEN ROAD TOLLING METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TELEPEAGE OUVERT, ET DISPOSITIF ELECTRONIQUE**
[72] JIANG, GUOFEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-29
[86] 2019-02-22 (PCT/CN2019/075777)
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[54] **ELECTRIC RIDING LAWN MOWER**
[54] **TONDEUSE ELECTRIQUE CHEVAUCHABLE**
[72] LIU, QIAN, CN
[72] YAMAOKA, TOSHINARI, CN
[72] WANG, ZHEN, CN
[72] NIE, FANGJIE, CN
[71] NANJING CHERVON INDUSTRY CO., LTD., CN
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[30] CN (201711457168.5) 2017-12-28
[30] CN (20181088596) 2018-08-06

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[25] EN
[54] **COMPOUNDS AND METHODS FOR TRANS-MEMBRANE DELIVERY OF MOLECULES**
[54] **COMPOSES ET PROCEDES POUR L'ADMINISTRATION TRANSMEMBRANAIRE DE MOLECULES**
[72] ZIV, ILAN, IL
[72] GRIMBERG, HAGIT, IL
[72] DUBROVSKY, JOSEPH, IL
[71] APOSENSE LTD., IL
[85] 2020-06-29
[86] 2018-12-31 (PCT/IL2018/051416)
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[30] US (62/612,648) 2018-01-01
[30] US (62/612,733) 2018-01-02
[30] US (62/624,815) 2018-02-01
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[30] US (62/633,107) 2018-02-21
[30] US (62/648,974) 2018-03-28
[30] US (62/684,763) 2018-06-14
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[54] **PALLET SHELFING APPARATUS**
[54] **APPAREIL D'AGENCEMENT DE PALETTE**
[72] PICHA, GUY, IL
[71] SOFTENLIFT LTD., IL
[85] 2020-05-26
[86] 2018-11-29 (PCT/IL2018/051304)
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[30] IL (256019) 2017-11-30
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[54] **FINANCING METHODS AND APPARATUSES**
[54] **PROCEDE ET DISPOSITIF DE FINANCEMENT ET DE PRET**
[72] YANG, XINYING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-29
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[30] CN (201810589585.3) 2018-06-08

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[54] **BLOCKCHAIN-BASED DATA VERIFICATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE VERIFICATION DE DONNEES BASEES SUR UNE CHAINE DE BLOCS, ET DISPOSITIF ELECTRONIQUE**
[72] YE, GUOJUN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **PYRIDYL IMIDAZOBENZODIAZEPINE PROPIONATE COMPOUND AND SYNTHESIS AND USE THEREOF**
[54] **COMPOSE DE PROPIONATE PYRIDYL IMIDAZOBENZODIAZEPINE, SYNTHESE DE CELUI-CI ET UTILISATION ASSOCIEE**
[72] QI, YOUMAO, CN
[71] HANGZHOU ADAMERCK PHARMLABS INC., CN
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[54] **METHOD FOR PRODUCING A DRUG DELIVERY SYSTEM**
[54] **METHODE DE PRODUCTION D'UN SYSTEME D'ADMINISTRATION DE MEDICAMENT**
[72] SCHNEEBERGER, PROF. DR. ACHIM, AT
[72] KUHNE, KLAUS, DE
[72] KERSCHBAUMER, HELMUT, CH
[72] VASIC, SRDAN, CH
[71] LAXXON MEDICAL AG, CH
[71] EXENTIS KNOWLEDGE GMBH, CH
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[54] **HANDLE ASSEMBLY AND STAPLER INCLUDING THE SAME**
[54] **ENSEMBLE POIGNEE ET AGRAFEUSE LE COMPRENANT**
[72] CHEN, ZHI, CN
[72] GUO, YI, CN
[72] LIN, JIANG, CN
[72] XU, XIAOWEI, CN
[71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
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[30] CN (201711435672.5) 2017-12-26
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[30] CN (201711434138.2) 2017-12-26
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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **UPLINK CONTROL INFORMATION TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE**
[72] GUO, JINGRUI, CN
[72] YANG, YUBO, CN
[72] ZHANG, PENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-06-29
[86] 2018-12-28 (PCT/CN2018/124794)
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[54] **GRINDING STABILIZING ADDITIVE FOR VERTICAL ROLLER MILLS**
[54] **ADDITIF DE STABILISATION DE BROYAGE POUR BROYEURS A CYLINDRES VERTICAUX**
[72] DETELLIS, JOSHUA, US
[72] THOMAS, JEFFREY, US
[72] CHEUNG, JOSEPHINE H., US
[72] MYERS, DAVID F., US
[71] GCP APPLIED TECHNOLOGIES INC., US
[85] 2020-06-29
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[25] EN
[54] **AGRICULTURAL PROCESSING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT AGRICOLE**
[72] LEMKIN, MARK ALAN, US
[71] LEMKIN, MARK ALAN, US
[85] 2020-06-29
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[25] EN
[54] **BIOMARKERS FOR MULTIPLE SCLEROSIS**
[54] **MARQUEURS BIOLOGIQUES POUR LA SCLEROSE EN PLAQUES**
[72] VALLE, BRIAN WILLIAM DELLA, DK
[72] HEMPEL, CASPER, DK
[72] LARSEN, MARIE AGNETE, DK
[71] GLX ANALYTIX APS, DK
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[25] EN
[54] **COMPOSITE LID OF CONTAINER AND METHOD OF ATTACHING METAL LID TO PLASTIC LID TO FORM COMPOSITE LID OF CONTAINER**
[54] **COUVERCLE COMPOSITE DE RECIPIENT ET PROCEDE DE FIXATION D'UN COUVERCLE METALLIQUE A UN COUVERCLE EN PLASTIQUE POUR FORMER UN COUVERCLE COMPOSITE DE RECIPIENT**
[72] EVANS, JAMES D., US
[71] ALTRIA CLIENT SERVICES LLC, US
[85] 2020-06-29
[86] 2018-11-13 (PCT/US2018/060658)
[87] (WO2019/133122)
[30] US (15/858,212) 2017-12-29

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[54] **SELECTIVE PRODUCTION OF 1,3-PROPANEDIOL MONOACETATE**
[54] **PRODUCTION SELECTIVE DE MONOACETATE DE 1,3-PROPANEDIOL**
[72] STRAATMAN, HENRICUS MARTINUS MARIA GERARDUS, NL
[72] SCHURMANN, MARTIN, NL
[72] RIEBEL, PETER HANS, CH
[71] DSM IP ASSETS B.V., NL
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[25] EN
[54] **BLOCKCHAIN-BASED DATA PROCESSING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES FONDES SUR UNE CHAINE DE BLOCS**
[72] WANG, JIYUAN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-06-29
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[25] EN
[54] **DUAL PUMPING ARRANGEMENT FOR A HOLLOW FIBER FILTER**
[54] **AGENCEMENT DE POMPAGE DOUBLE POUR UN FILTRE A FIBRES CREUSES**
[72] PAVLIK, RUDOLF, US
[71] REPLIGEN CORPORATION, US
[85] 2020-06-29
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[51] **Int.Cl. H04W 4/90 (2018.01)**
[25] EN
[54] **INFORMATION TRANSMISSION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS, DISPOSITIF TERMINAL, ET DISPOSITIF DE RESEAU**
[72] XU, WEIJIE, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-29
[86] 2019-05-07 (PCT/CN2019/085824)
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[25] EN
[54] **DIAMOND CLARITY MEASUREMENT PROCESS AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MESURE DE CLARTE DE DIAMANT**
[72] CHENG, KA WING, CN
[72] WONG, KIN WING, CN
[72] CHAN, KONG, CN
[72] CHENG, JUAN, CN
[72] TANG, WING CHI, CN
[72] HUI, KOON CHUNG, CN
[71] GOLDWAY TECHNOLOGY LIMITED, CN
[85] 2020-06-29
[86] 2018-12-28 (PCT/CN2018/125051)
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[54] **SILYLETHYNYL HETARYL COMPOUNDS AS NITRIFICATION INHIBITORS**
[54] **COMPOSES SILYLETHYNYLE HETARYLE A UTILISER EN TANT QU'INHIBITEURS DE NITRIFICATION**
[72] CUNNINGHAM, ALLAN F, CH
[72] NESVADBA, PETER, CH
[72] WISSEMEIER, ALEXANDER, DE
[72] WALLQUIST, OLOF, CH
[72] NAVE, BARBARA, DE
[71] BASF SE, DE
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[25] EN
[54] **DASHBOARD ATTACHMENT DEVICE**
[54] **DISPOSITIF DE FIXATION AU TABLEAU DE BORD**
[72] HODGE, ANDREW, US
[72] ROSS, LYNETTE, US
[72] SENATORE, STEPHEN, US
[72] RODRIGUEZ, ADAM, US
[71] XIRGO TECHNOLOGIES, LLC, US
[85] 2020-06-29
[86] 2019-01-02 (PCT/US2019/012101)
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[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **BATTERY HOLDER, POWER TRANSFER DEVICE, ELECTRIC VEHICLE AND INSTALLATION METHOD FOR ELECTRIC VEHICLE**
[54] **SUPPORT DE BATTERIE, DISPOSITIF DE TRANSFERT D'ENERGIE, VEHICULE ELECTRIQUE ET PROCEDE D'INSTALLATION POUR VEHICULE ELECTRIQUE**
[72] ZHANG, JIANPING, CN
[72] HUANG, CHUNHUA, CN
[72] LAN, ZHIBO, CN
[71] SHANGHAI DIANBA NEW ENERGY TECHNOLOGY CO., LTD., CN
[71] AULTON NEW ENERGY AUTOMOTIVE TECHNOLOGY GROUP, CN
[85] 2020-06-29
[86] 2018-12-29 (PCT/CN2018/125679)
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[30] CN (201711486896.9) 2017-12-29
[30] CN (201711482966.3) 2017-12-29

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[25] EN
[54] **LIMMOXFY SHELL FORMATION ON CATHODE CERAMIC PARTICLE FOR LI ION BATTERY THROUGH ONIUM METAL OXIDE FLUORIDE PRECURSOR**
[54] **FORMATION D'ENVELOPPE EN LIMMOXFY SUR UNE PARTICULE DE CERAMIQUE DE CATHODE POUR UNE BATTERIE AU LITHIUM-ION AU MOYEN D'UN PRECURSEUR DE FLUORURE D'OXYDE METALLIQUE D'ONIUM**
[72] HAO, JIANJUN, US
[72] KNIGHT, JAMES C., US
[71] SACHEM, INC., US
[85] 2020-06-29
[86] 2018-12-12 (PCT/US2018/065099)
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[25] EN
[54] **SUBSTITUTED BISPHENYL BUTANOIC ESTER DERIVATIVES AS NEP INHIBITORS**
[54] **DERIVES D'ESTER BISPHENYLE BUTANOIQUE SUBSTITUES EN TANT QU'INHIBITEURS DE NEP**
[72] ZHU, SAIJIE, CN
[72] CHAI, YONGSHUAI, CN
[72] GODTFREDSEN, SVEN ERIK, US
[72] KAGAN, MARK, US
[72] LIU, YUGANG, US
[72] PRASHAD, MAHAVIR, US
[72] WANG, ZHAOYIN, CN
[71] NOVARTIS AG, CH
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[54] **MICROWAVE AMPLIFIER**
[54] **AMPLIFICATEUR HYPERFREQUENCE**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] DUFF, CHRISTOPHER, GB
[71] CREO MEDICAL LIMITED, GB
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **BLOCKCHAIN-BASED COPYRIGHT REVENUE ALLOCATION METHODS AND APPARATUSES**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE REVENU DE DROITS D'AUTEUR D'UNE OEUVRE SUR LA BASE D`UNE CHAINE DE BLOCS**
[72] YANG, XINYING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[30] CN (201810491075.2) 2018-05-21

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[51] **Int.Cl. H02K 15/04 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING A CONTINUOUS BAR WINDING FOR AN ELECTRIC MACHINE**
[54] **PROCEDE DE REALISATION D'UN ENROULEMENT DE BARRE CONTINU DESTINE A UNE MACHINE ELECTRIQUE**
[72] RANALLI, GIUSEPPE, IT
[72] MICUCCI, MAURILIO, IT
[72] RUGGIERI, GIOVANNI, IT
[71] TECNOMATIC S.P.A., IT
[85] 2020-06-29
[86] 2018-12-27 (PCT/IB2018/060644)
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[25] EN
[54] **DIFFRACTIVE WAVEGUIDE ELEMENT AND DIFFRACTIVE WAVEGUIDE DISPLAY**
[54] **ELEMENT DE GUIDE D'ONDES A DIFFRACTION ET DISPOSITIF D'AFFICHAGE A GUIDE D'ONDES A DIFFRACTION**
[72] BLOMSTEDT, KASIMIR, FI
[72] OLKKONEN, JUUSO, FI
[72] SUNNARI, ANTTI, FI
[71] DISPELIX OY, FI
[85] 2020-06-29
[86] 2018-12-11 (PCT/FI2018/050905)
[87] (WO2019/122508)
[30] FI (20176161) 2017-12-22

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[51] **Int.Cl. B24D 13/08 (2006.01) B24D 13/04 (2006.01) B24D 13/12 (2006.01)**
[25] EN
[54] **ABRASIVE BUFFING ARTICLES**
[54] **ARTICLES DE PONCAGE ABRASIFS**
[72] WANG, JIANNA, US
[72] CAI, YING, US
[72] SHAPPELL, MIKE D., US
[72] YANG, SHU, US
[72] TANIKELLA, BRAHMANANDAM V., US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2020-06-29
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[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/08 (2006.01) A61K 9/10 (2006.01)**
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[54] **APPARATUS FOR GENERATING AQUEOUS OZONE**
[54] **APPAREIL POUR GENERER DE L'OZONE AQUEUX**
[72] HOLLST, GARY, US
[71] CLEANCORE SOLUTIONS, LLC, US
[85] 2020-06-29
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[30] US (62/612,170) 2017-12-29
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[51] **Int.Cl. H05B 6/12 (2006.01)**
[25] EN
[54] **COUNTERTOP WITH INDUCTION HOB**
[54] **PLAN DE TRAVAIL AVEC PLAQUE DE CUISSON A INDUCTION**
[72] TONCELLI, LUCA, IT
[72] BETTIOL, MAURO, IT
[72] DONI, ANGELO, IT
[72] ZERBETTO, MARCELLO, IT
[72] GIANNINI, FRANCESCO, IT
[72] DUGHIERO, FABRIZIO, IT
[71] BRETON SPA, IT
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[30] IT (102017000150969) 2017-12-29

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[51] **Int.Cl. A61K 31/517 (2006.01) A61K 47/62 (2017.01) A61K 47/69 (2017.01) A61K 9/14 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARTICLES FOR THE TARGETED DELIVERY OF THERAPEUTIC POLYPEPTIDES**
[54] **NANOPARTICULES PERMETTANT L'ADMINISTRATION CIBLEE DE POLYPEPTIDES THERAPEUTIQUES**
[72] MEDINA-KAUWE, LALI K., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2020-06-29
[86] 2018-12-28 (PCT/US2018/067998)
[87] (WO2019/136005)
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[25] EN
[54] **WASHING SPONGE WITH INNER SOAP CAPSULE**
[54] **EPONGE DE LAVAGE AVEC CAPSULE DE SAVON INTERNE**
[72] AVSHALOM, SHIMON, IL
[72] SARDEHALI, YOMTOV, IL
[72] AVSHALOM, SHLOMO MATAN, IL
[71] AVSHALOM, SHIMON, IL
[71] SARDEHALI, YOMTOV, IL
[71] AVSHALOM, SHLOMO MATAN, IL
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[25] EN
[54] **BED HAVING SENSORS FEATURES FOR DETERMINING SNORE AND BREATHING PARAMETERS OF TWO SLEEPERS**
[54] **LIT AYANT UN ELEMENT DE DETECTION DE RONFLEMENT**
[72] SAYADI, OMID, US
[72] DEMIRLI, RAMAZAN, US
[72] BARR, SHAWN, US
[72] YOUNG, STEVEN JAY, US
[71] SLEEP NUMBER CORPORATION, US
[71] SAYADI, OMID, US
[71] DEMIRLI, RAMAZAN, US
[71] BARR, SHAWN, US
[71] YOUNG, STEVEN JAY, US
[85] 2020-06-29
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[25] EN
[54] **LINE SEGMENT CODE FOR EMBEDDING INFORMATION**
[54] **CODE DE SEGMENT DE LIGNE DESTINE A L'INTEGRATION D'INFORMATIONS**
[72] JONES, ROBERT L., US
[72] WU, YECHENG, US
[72] BI, DAOSHEN, US
[72] ECKEL, ROBERT ANDREW, US
[71] JONES, ROBERT L., US
[71] WU, YECHENG, US
[71] BI, DAOSHEN, US
[71] ECKEL, ROBERT ANDREW, US
[85] 2020-06-29
[86] 2018-12-31 (PCT/US2018/068157)
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[30] US (62/612,342) 2017-12-30

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[25] EN
[54] **BED HAVING SENSORS FEATURES FOR DETERMINING SNORE AND BREATHING PARAMETERS OF TWO SLEEPERS**
[54] **LIT AYANT DES CARACTERISTIQUES DE CAPTEURS SERVANT A DETERMINER DES PARAMETRES DE RONFLEMENT ET DE RESPIRATION DE DEUX DORMEURS**
[72] DEMIRLI, RAMAZAN, US
[72] SAYADI, OMID, US
[72] YOUNG, STEVEN JAY, US
[72] JOCSON, CRISTINA, US
[71] SLEEP NUMBER CORPORATION, US
[71] DEMIRLI, RAMAZAN, US
[71] SAYADI, OMID, US
[71] YOUNG, STEVEN JAY, US
[71] JOCSON, CRISTINA, US
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[54] **MEDITOPE-ENABLED T CELLS**
[54] **LYMPHOCYTES T ACTIVES PAR DES MEDITOPES**
[72] WILLIAMS, JOHN, C., US
[72] BROWN, CHRISTINE, US
[72] JENKINS, KURT, US
[72] KUO, YI-CHIU, US
[72] KUO, CHENG-FU, US
[71] CITY OF HOPE, US
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[54] **BUCKET TOOTH OF EXCAVATOR**
[54] **DENT DE GODET D'EXCAVATRICE**
[72] SONG, KEUN CHUL, KR
[72] RYU, DAE HYUN, KR
[72] LIM, CHANG WOO, KR
[72] LEE, RYUN HAN, KR
[72] SHIN, HWA YONG, KR
[71] SUNGBO INDUSTRIAL CO., LTD., KR
[85] 2020-06-29
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[30] KR (10-2017-0183885) 2017-12-29
[30] KR (10-2018-0054736) 2018-05-14

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[51] **Int.Cl. H04N 13/128 (2018.01) H04N 13/268 (2018.01)**
[25] EN
[54] **EYE CENTER OF ROTATION DETERMINATION, DEPTH PLANE SELECTION, AND RENDER CAMERA POSITIONING IN DISPLAY SYSTEMS**
[54] **DETERMINATION DE CENTRE ROTATION D'□IL, SELECTION DE PLAN DE PROFONDEUR ET POSITIONNEMENT DE CAMERA DE RENDU DANS DES SYSTEMES D'AFFICHAGE**
[72] MILLER, SAMUEL A., US
[72] AGARWAL, LOMESH, US
[72] EDWIN, LIONEL ERNEST, US
[72] YEOH, IVAN LI CHUEN, US
[72] FARMER, DANIEL, US
[72] PROKUSHKIN, SERGEY FYODOROVICH, US
[72] MUNK, YONATAN, US
[72] SELKER, EDWIN JOSEPH, US
[72] STUART, BRADLEY VINCENT, US
[72] SOMMERS, JEFFREY SCOTT, US
[71] MAGIC LEAP, INC., US
[85] 2020-06-29
[86] 2019-01-17 (PCT/US2019/014052)
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[30] US (62/618,559) 2018-01-17
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[51] **Int.Cl. A47C 31/12 (2006.01) A61B 5/00 (2006.01) A61F 5/56 (2006.01)**
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[54] **BED HAVING SNORE CONTROL BASED ON PARTNER RESPONSE**
[54] **LIT A CONTROLE DU RONFLEMENT SUR LA BASE D'UNE REPONSE DU PARTENAIRE**
[72] SAYADI, OMID, US
[72] DEMIRLI, RAMAZAN, US
[72] YOUNG, STEVEN JAY, US
[72] HEWITT, CARL, US
[71] SLEEP NUMBER CORPORATION, US
[71] SAYADI, OMID, US
[71] DEMIRLI, RAMAZAN, US
[71] YOUNG, STEVEN JAY, US
[71] HEWITT, CARL, US
[85] 2020-06-29
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[25] EN
[54] **SCRUB AND PLAYBACK OF VIDEO BUFFER OVER WIRELESS**
[54] **NETTOYAGE ET LECTURE D'UNE MEMOIRE TAMPON VIDEO SUR UNE LIAISON SANS FIL**
[72] HODGE, ANDREW, US
[72] ACKERMAN, NATHAN, US
[71] XIRGO TECHNOLOGIES, LLC, US
[85] 2020-06-29
[86] 2019-01-02 (PCT/US2019/012109)
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[51] **Int.Cl. A47C 27/08 (2006.01) A61B 5/00 (2006.01)**
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[54] **BED HAVING SLEEP STAGE DETECTING FEATURE**
[54] **LIT AYANT UN ELEMENT DE DETECTION DE STADE DE SOMMEIL**
[72] SAYADI, OMID, US
[72] DEMIRLI, RAMAZAN, US
[72] YOUNG, STEVEN JAY, US
[71] SLEEP NUMBER CORPORATION, US
[71] SAYADI, OMID, US
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[71] YOUNG, STEVEN JAY, US
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[54] **SCALABLE MONOLITHIC SENSOR ASSEMBLY, CONTROLLER, AND METHODS OF MAKING AND INSTALLING SAME**
[54] **ENSEMBLE CAPTEUR MONOLITHIQUE EVOLUTIF, DISPOSITIF DE COMMANDE ET PROCEDES DE FABRICATION ET D'INSTALLATION ASSOCIES**
[72] BALL, ERIC, US
[72] TYLER, ADAM, US
[72] HOLLER, KEVIN, US
[72] YING, DARRAL, US
[72] GAGLIARDO, DAVID, US
[72] UPHAM, MICHAEL, US
[72] SHEPPARD, ADAM, US
[71] ONICON INCORPORATED, US
[85] 2020-06-29
[86] 2018-12-27 (PCT/US2018/067681)
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[25] EN
[54] **THERAPEUTIC BACTERIOPHAGE COMPOSITIONS FOR TREATING STAPHYLOCOCCUS INFE CTION**
[54] **COMPOSITIONS DE BACTERIOPHAGES A VISEE THERAPEUTIQUE POUR LE TRAITEMENT D'INFECTIONS A STAPHYLOCOCCUS**
[72] MORALES, SANDRA P., US
[72] MEARNS, GILLIAN, US
[72] RANKIN, DEBORAH A., US
[72] SMREMAR, FRENK, US
[71] ARMATA PHARMACEUTICALS, INC., US
[85] 2020-06-29
[86] 2019-01-02 (PCT/US2019/012114)
[87] (WO2019/136109)
[30] US (62/613,050) 2018-01-02
[30] US (62/678,611) 2018-05-31
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[54] **IL-22 FC FUSION PROTEINS AND METHODS OF USE**
[54] **PROTEINES DE FUSION IL-22 FC ET PROCEDES D'UTILISATION**
[72] KALO, MATTHEW, US
[72] PYNN, ABIGAIL FRIEDERIKE JOYCE, US
[72] SILVA, LINDSEY MARIE, US
[72] SRIVASTAVA, ANJALI, US
[72] SUBRAMANIAN, JAYASHREE, US
[72] SUKUMARAN, SIDDHARTH, US
[72] YOUNG, AMY, US
[72] BAGINSKI, TOMASZ, US
[72] BENTLEY, TRACY JANE, US
[72] BESMER, JEREMY, US
[72] CURTIS, SHERRIE PATRICE, US
[72] DAY, PETER WILLIAM, US
[71] GENENTECH, INC., US
[85] 2020-06-29
[86] 2019-01-25 (PCT/US2019/015277)
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[51] **Int.Cl. G01N 1/22 (2006.01) G01N 1/14 (2006.01)**
[25] EN
[54] **PORTABLE AIR SAMPLER**
[54] **ECHANTILLONNEUR D'AIR PORTABLE**
[72] KOCHER, NATHAN G., US
[72] VELLUTATO, ARTHUR L., JR., US
[72] CHURCHVARA, JEFFREY, US
[72] PHILLIPS, MARK A., US
[71] VELTEK ASSOCIATES, INC., US
[85] 2020-06-29
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[54] **ISOTOPIC COMPOSITIONS II**
[54] **COMPOSITIONS ISOTOPIQUES II**
[72] KAMBOURIS, AMBROSIOS, AU
[71] BOTANICAL WATER TECHNOLOGIES IP LTD, GB
[85] 2020-06-30
[86] 2018-12-18 (PCT/AU2018/051349)
[87] (WO2019/134014)
[30] AU (2018900005) 2018-01-02

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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING MEGAKARYOCYTES**
[54] **COMPOSITIONS ET PROCEDES POUR PRODUIRE DES MEGACARYOCYTES**
[72] THON, JONATHAN, US
[72] DYKSTRA, BRAD, US
[71] PLATELET BIOGENESIS, INC., US
[85] 2020-06-29
[86] 2019-01-05 (PCT/US2019/012437)
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[30] US (62/614,117) 2018-01-05

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[25] EN
[54] **COMBINATION IMMUNOTHERAPY AND CHEMOTHERAPY FOR THE TREATMENT OF A HEMATOLOGICAL MALIGNANCY**
[54] **IMMUNOTHERAPIE ET CHIMIOTHERAPIE COMBINEES POUR LE TRAITEMENT D'UNE MALIGNITE HEMATOLOGIQUE**
[72] BERGER, MARK, US
[71] ACTINUM PHARMACEUTICALS, INC., US
[85] 2020-06-29
[86] 2019-01-08 (PCT/US2019/012647)
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[30] US (62/614,658) 2018-01-08

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[51] **Int.Cl. B29C 65/56 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A PLASTIC COVERING PANEL AND THE PANEL OBTAINED**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU DE REVETEMENT EN MATIERE PLASTIQUE ET PANNEAU AINSI REALISE**
[72] MICLO, THIERRY, FR
[71] INOVAME, FR
[71] KREAFIN GROUP SA, LU
[85] 2020-06-12
[86] 2019-01-21 (PCT/FR2019/050116)
[87] (WO2019/141954)
[30] FR (FR1850487) 2018-01-22
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[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LEFT VENTRICULAR UNLOADING IN TREATING MYOCARDIAL INFARCTION**
[54] **SYSTEMES ET PROCEDES DE DECHARGEMENT VENTRICULAIRE GAUCHE DANS LE TRAITEMENT D'UN INFARCTUS DU MYOCARDE**
[72] KAPUR, NAVIN K., US
[72] KARAS, RICHARD H., US
[72] JOSEPHY, NOAM, US
[71] TUFTS MEDICAL CENTER, INC., US
[71] ABIOMED, INC., US
[85] 2020-06-29
[86] 2019-01-10 (PCT/US2019/013025)
[87] (WO2019/140073)
[30] US (62/615,462) 2018-01-10
[30] US (62/732,936) 2018-09-18
[30] US (62/758,164) 2018-11-09

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[51] **Int.Cl. H01L 21/50 (2006.01) H01L 23/538 (2006.01)**
[25] EN
[54] **FLEXIBLE PRINTED CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT IMPRIME SOUPLE**
[72] BLANC, SCOTT G., US
[71] NORTECH SYSTEMS, INC., US
[85] 2020-06-29
[86] 2019-01-11 (PCT/US2019/013337)
[87] (WO2019/140290)
[30] US (62/616,821) 2018-01-12

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[51] **Int.Cl. B65G 1/02 (2006.01) B65G 1/04 (2006.01)**
[25] EN
[54] **MATERIAL HANDLING APPARATUS HAVING SAFETY MECHANISM FOR STORAGE LOCATIONS**
[54] **APPAREIL DE MANIPULATION DE MATERIAU AYANT UN MECANISME DE SECURITE POUR LE STOCKAGE**
[72] MUTTATHIL, GEORGE, US
[72] MCVAUGH, MONTY, US
[72] KATZ, JANICE, US
[72] BLOCH, NATE, US
[71] OPEX CORPORATION, US
[85] 2020-06-29
[86] 2019-01-14 (PCT/US2019/013490)
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[30] US (62/617,177) 2018-01-12
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[51] **Int.Cl. A47F 3/04 (2006.01) F25D 3/02 (2006.01)**
[25] EN
[54] **DOOR FOR MOUNTING A REMOVABLE ELECTRONIC DISPLAY**
[54] **PORTE POUR LE MONTAGE D'UN AFFICHAGE ELECTRONIQUE AMOVIBLE**
[72] ARTWOHL, PAUL J., US
[72] NICHOLSON, JEFFERY W., US
[71] ANTHONY, INC., US
[85] 2020-06-29
[86] 2019-01-17 (PCT/US2019/014001)
[87] (WO2019/143810)
[30] US (62/618,371) 2018-01-17
[30] US (62/697,291) 2018-07-12

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRROLO[2,3-D]PYRIMIDINES COMPOUNDS AS RET KINASE INHIBITORS**
[54] **COMPOSES DE PYRROLO[2,3-D]PYRIMIDINES SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA KINASE RET**
[72] BLAKE, JAMES F., US
[72] DAI, DONGHUA, US
[72] HAAS, JULIA, US
[72] JIANG, YUTONG, US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] MCFADDIN, ELIZABETH A., US
[72] MCKENNEY, MEGAN L., US
[72] METCALF, ANDREW T., US
[72] MORENO, DAVID A., US
[72] PRIGARO, BRETT, US
[72] RAMANN, GINELLE A., US
[72] REN, LI, US
[71] ARRAY BIOPHARMA INC., US
[85] 2020-06-29
[86] 2019-01-18 (PCT/US2019/014248)
[87] (WO2019/143977)
[30] US (62/619,060) 2018-01-18
[30] US (62/669,298) 2018-05-09
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[51] **Int.Cl. C01B 32/215 (2017.01) C01B 32/20 (2017.01) B01J 8/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING HIGH PURITY PARTICULATE GRAPHITE**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GRAPHITE PARTICULAIRE DE HAUTE PURETE**
[72] ADHAM, KAMAL, CA
[72] BOWES, GREG, CA
[72] FRANCEY, SABRINA, CA
[72] KAZMAIER, DARREN, CA
[71] NORTHERN GRAPHITE CORPORATION, CA
[85] 2020-06-30
[86] 2018-12-19 (PCT/CA2018/051619)
[87] (WO2019/134029)
[30] US (62/613,990) 2018-01-05

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[51] **Int.Cl. B21D 11/00 (2006.01) B21D 47/00 (2006.01) B21D 53/88 (2006.01) B62D 21/00 (2006.01) B62D 25/00 (2006.01)**
[25] EN
[54] **BEND-FORMED LOAD-BEARING STRUCTURE OF A PASSENGER CAR**
[54] **STRUCTURE PORTEUSE FORMEE PAR PLIAGE POUR UNE VOITURE PARTICULIERE**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[72] EREN, SELCUK, DE
[71] OUTOKUMPU OYJ, FI
[85] 2020-06-30
[86] 2019-01-16 (PCT/EP2019/051063)
[87] (WO2019/141734)
[30] EP (18151889.5) 2018-01-16

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[51] **Int.Cl. B62M 3/06 (2006.01) B62M 3/00 (2006.01) F16H 7/06 (2006.01)**
[25] EN
[54] **BICYCLE DRIVING DEVICE HAVING INCREASED TORQUE**
[54] **DISPOSITIF D'ENTRAINEMENT DE BICYCLETTE AYANT UN COUPLE ACCRU**
[72] KANG, KYUNG TAEK, CA
[71] KANG, KYUNG TAEK, CA
[85] 2020-06-29
[86] 2019-02-01 (PCT/KR2019/001455)
[87] (WO2019/164158)
[30] KR (10-2018-0019605) 2018-02-20
[30] KR (10-2018-0124119) 2018-10-18

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING AUTOMATED ON-SITE MERCHANT COUPONS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE AUTOMATISEE DE COUPONS DE COMMERCANT SUR SITE**
[72] ZHU, QI (NICK), CA
[72] CLARKE, COLLEY, CA
[72] CUNNINGHAM, JAMES, CA
[71] RETAILCOMMON INC., CA
[85] 2020-06-30
[86] 2019-01-04 (PCT/CA2019/050005)
[87] (WO2019/134040)
[30] US (62/613,452) 2018-01-04

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[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/553 (2006.01) A61K 31/706 (2006.01) A61P 31/18 (2006.01) C07H 17/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METABOLITES OF BICTEGRAVIR**
[54] **METABOLITES DU BICTEGRAVIR**
[72] JIN, HAOLUN, US
[72] PYUN, HYUNG-JUNG, US
[72] SMITH, BILL J., US
[72] SUBRAMANIAN, RAJU, US
[72] WANG, JIANHONG, US
[71] GILEAD SCIENCES, INC., US
[85] 2020-06-29
[86] 2019-01-18 (PCT/US2019/014311)
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[30] US (62/619,478) 2018-01-19

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[51] **Int.Cl. C12Q 1/6827 (2018.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **CRISPR EFFECTOR SYSTEM BASED DIAGNOSTICS**
[54] **DIAGNOSTICS BASES SUR UN SYSTEME EFFECTEUR CRISPR**
[72] ZHANG, FENG, US
[72] GOOTENBERG, JONATHAN, US
[72] ABUDAYYEH, OMAR, US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2020-06-29
[86] 2019-01-29 (PCT/US2019/015726)
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[30] US (62/623,531) 2018-01-29

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[25] EN
[54] **SYSTEM AND METHOD FOR GAS REUSE IN TESTING OF HAZARDOUS GAS DETECTING INSTRUMENTS**
[54] **SYSTEME ET PROCEDE DE REUTILISATION DE GAZ POUR TESTER DES INSTRUMENTS DE DETECTION DE GAZ DANGEREUX**
[72] MCEWEN, SHANE LEE, US
[72] SPECTOR, JACOB THOMAS, US
[72] NILSSON, ANDREW, US
[72] PRESS, CHRIS, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2020-06-30
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[25] EN
[54] **MODULAR SYSTEM AND PROCESS OF DRYING SOLIDS AND LIQUID-SOLID MIXTURES**
[54] **SYSTEME MODULAIRE ET PROCEDE DE SECHAGE DE SOLIDES ET DE MELANGES LIQUIDES-SOLIDES**
[72] ALVES-FILHO, ODILIO, NO
[72] SPANDOW, JARL, NO
[71] WAISTER AS, NO
[85] 2020-06-29
[86] 2019-01-16 (PCT/NO2019/050007)
[87] (WO2019/143254)
[30] NO (20180066) 2018-01-16

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[13] A1
[51] **Int.Cl. B22D 41/34 (2006.01) B22D 11/10 (2006.01)**
[25] EN
[54] **SLIDING NOZZLE APPARATUS**
[54] **DISPOSITIF DE BUSE COULISSANTE**
[72] IMAHASE, TOSHIHIRO, JP
[72] FUNATO, JUNICHI, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2020-06-15
[86] 2019-02-13 (PCT/JP2019/005133)
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[30] JP (2018-041212) 2018-03-07

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[13] A1
[51] **Int.Cl. G01N 30/24 (2006.01) G01N 35/02 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **AUTOSAMPLERS AND GAS CHROMATOGRAPHIC SYSTEMS AND METHODS INCLUDING SAME**
[54] **ECHANTILLONNEUR AUTOMATIQUE, SYSTEMES DE CHROMATOGRAPHIE EN PHASE GAZEUSE ET PROCEDES CORRESPONDANTS**
[72] TOLLEY, SAMUEL, US
[72] TIPLER, ANDREW, US
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[54] **MATERIAUX COMPOSITES COMPRENANT DES LIGANDS MECANIQUES**
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[72] LUNDORF, MIKKEL DYBRO, DK
[72] DEHLI, TORE, DK
[72] NIELSEN, CHRISTIAN BENEDIKT OREA, DK
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[54] **CONCEPTION DE MATERIAU POUR L'ENCAPSULATION D'ADDITIFS ET LIBERATION**
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[71] SAUDI ARABIAN OIL COMPANY, SA
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[72] DALLAIRE-DEMERS, PIERRE-LUC, US
[72] FONTALVO, JHONATHAN ROMERO, US
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[54] **APPAREIL DE REDUCTION DE TRAINEE D'UN ECOULEMENT DE SORTIE DE CONDUIT TRANSVERSAL**
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[72] SANDERS, LEE, US
[71] AERO DESIGN LABS, INC., US
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[54] **DISTRIBUTEUR DE BOISSONS AVEC FONCTIONS DE MISE EN PRISE DE RECIPIENT**
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[54] **PANNEAUX MURAUX, SYSTEMES DE PANNEAU MURAL ET PROCEDES D'INSTALLATION DE CES DERNIERS**
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[72] KNUTSON, DAVID, US
[72] PYTEL, RACHEL Z., US
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[54] **PROCEDE DE PRODUCTION D'UN PRECURSEUR D'ADSORBANT DE LITHIUM**
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[72] MATSUMOTO, SHIN-YA, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[72] ASANO, SATOSHI, JP
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[54] **BARRE CONCAVE DE MOISSONNEUSE-BATTEUSE ET GRILLE DE SEPARATEUR**
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[71] ROBERTSON, BRIAN G., US
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[71] ROBERTSON, BRIAN G., US
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[71] ROBERTSON, BRIAN G., US
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[54] **MATERIAUX DE CATHODE NANOCOMPOSITES DESTINES A ETRE UTILISES DANS DES BATTERIES**
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[72] ALSHARAEH, EDREESE, SA
[72] AHMED, FAHEEM, SA
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[54] **ARTICLE THERMOPLASTIQUE RESISTANT A L'ABRASION ET A BRILLANCE ELEVEE**
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[72] BARSOTTI, ROBERT J., US
[72] MITCHELL, JOSEPH L., US
[72] SCHULTE, SAMUEL, US
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[72] WANG, JING-HAN, US
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[54] **PROCEDE ET DISPOSITIF DE PREDICTION D'IMAGES ET CODEC**
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[72] GAO, SHAN, CN
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[72] CARABELLI, ANDRE, FR
[72] MARSAUD, THIERRY, FR
[72] COUSSIEU, ALAIN, FR
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[54] **VIS ISOLANTE ET PROCEDE D'INSERTION D'UNE TELLE VIS ISOLANTE**
[72] ANDERSSON, STEFAN, SE
[71] EUROSPACERS AB, SE
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[54] **PROCEDE ET SYSTEME DE CLASSEMENT DE COULEURS POUR DIAMANTS**
[72] CHENG, KA WING, CN
[72] WONG, KIN WING, CN
[72] CHAN, KONG, CN
[72] CHENG, JUAN, CN
[72] TANG, WING CHI, CN
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[54] **IMPLANTABLE DEVICE FOR SUSTAINED RELEASE OF A MACROMOLECULAR DRUG COMPOUND**
[54] **DISPOSITIF IMPLANTABLE POUR LA LIBERATION PROLONGEE D'UN COMPOSE MEDICAMENTEUX MACROMOLECULAIRE**
[72] SCHNEIDER, CHRISTIAN, US
[71] CELANESE EVA PERFORMANCE POLYMERS CORPORATION, US
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[54] **APPARATUS AND METHOD FOR PROCESSING WOOD FIBERS**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT DE FIBRES LIGNEUSES**
[72] ANDERSON, DWIGHT EDWARD, US
[71] INTERNATIONAL PAPER COMPANY, US
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[54] **DISPOSITIF DE SECURITE MICRO-OPTIQUE AVEC FONCTIONNALITES DE SECURITE DYNAMIQUES INTERACTIVES**
[72] CAPE, SAMUEL M., US
[72] BLEIMAN, BENJAMIN E., US
[72] GOSNELL, JONATHAN D., US
[71] VISUAL PHYSICS, LLC, US
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[25] EN
[54] **WIRELESS REACTOR MONITORING SYSTEM USING PASSIVE SENSOR ENABLED RFID TAG**
[54] **SYSTEME DE SURVEILLANCE DE REACTEUR SANS FIL UTILISANT UNE ETIQUETTE RFID A FONCTION DE CAPTEUR PASSIF**
[72] VOGT, KASPAR JOSEPH, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **CELLULES DENDRITIQUES HETEROGENES IMMATURES MORTES STIMULEES PAR UN ANTIGENE EN TANT QU'AGENTS THERAPEUTIQUES DE MALADIES**
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[72] LIN, XIAOYANG, US
[72] HONG, YUZHU, US
[71] UNIVERSITY OF SOUTH FLORIDA, US
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[54] **SYSTEM AND METHOD FOR MEDICAL CONDITION DIAGNOSIS, TREATMENT AND PROGNOSIS DETERMINATION**
[54] **SYSTEME ET METHODE DE DETERMINATION DE DIAGNOSTIC D'ETAT DE SANTE, DE TRAITEMENT ET DE PRONOSTIC**
[72] MCKINNON, TOM CLARENCE, AU
[71] BIG PICTURE VISION PROPRIETARY LIMITED, AU
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[54] **METHODS AND COMPOSITIONS FOR PRE-EMPTIVE TREATMENT OF GRAFT VERSUS HOST DISEASE**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT PREVENTIF DE LA MALADIE DU GREFFON CONTRE L'HOTE**
[72] TOV, NAVE, IL
[72] STEIN, MICHAL, IL
[71] KAMADA LTD., IL
[85] 2020-06-30
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[72] DONG, CHEN, US
[72] LI, ZHIWEI, US
[72] LIPPINCOTT, JOHN, US
[72] SZU, PING HUI, US
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[54] **METHOD FOR PRODUCTION OF A PRODUCT COMPRISING A FIRST PLY**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT COMPRENANT UN PREMIER JET**
[72] BACKFOLK, KAJ, FI
[72] HEISKANEN, ISTO, FI
[72] SAUKKONEN, ESA, FI
[71] STORA ENSO OYJ, FI
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[54] **AQUARIUM OR TERRARIUM**
[54] **AQUARIUM OU TERRARIUM**
[72] LUKOSCHUS, GERD, DE
[72] WOLF, FRANK M., DE
[71] LUKOSCHUS, GERD, DE
[71] WOLF, FRANK M., DE
[85] 2020-06-30
[86] 2018-03-19 (PCT/DE2018/000076)
[87] (WO2019/134719)
[30] DE (DE 10 2018 000 271.4) 2018-01-05
[30] DE (DE 20 2018 000 220.8) 2018-01-05

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[25] EN
[54] **TORQUE TOOL**
[54] **OUTIL DE COUPLE**
[72] JENKINS, BRAD, US
[72] SCHWAFERTZ, RAINER, DE
[71] STAHLWILLE EDUARD WILLE GMBH & CO. KG, DE
[85] 2020-06-30
[86] 2019-01-07 (PCT/DE2019/100003)
[87] (WO2019/137578)
[30] DE (10 2018 100 664.0) 2018-01-12

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[25] EN
[54] **DNA METHYLATION MARKERS FOR NONINVASIVE DETECTION OF CANCER AND USES THEREOF**
[54] **MARQUEURS DE METHYLATION DE L'ADN POUR LA DETECTION NON INVASIVE DU CANCER ET UTILISATIONS ASSOCIEES**
[72] CHEISHVILI, DAVID, CA
[72] LI, HUI, CN
[72] WONG, CHI FAT, CN
[71] HKG EPITHERAPEUTICS LIMITED, CN
[85] 2020-06-30
[86] 2019-07-09 (PCT/IB2019/055855)
[87] (WO2020/012367)
[30] US (62/695,429) 2018-07-09

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[51] **Int.Cl. G01N 33/82 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING THE ENDOCYTIC VITAMIN D STATUS**
[54] **PROCEDE DE MESURE DU STATUT DE LA VITAMINE D ENDOCYTIQUE**
[72] ARMBRUSTER, FRANZ PAUL, DE
[72] SCHAEFER, LILIANA, DE
[71] IMMUNDIAGNOSTIK AG, DE
[85] 2020-06-30
[86] 2019-01-03 (PCT/EP2019/050121)
[87] (WO2019/134948)
[30] DE (DE10 2018 100 096.0) 2018-01-03

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[51] **Int.Cl. E06B 3/663 (2006.01) E06B 3/667 (2006.01) E06B 3/677 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **INSULATING GLAZING AND WINDOW**
[54] **VITRAGE ISOLANT ET FENETRE**
[72] NEANDER, MARCUS, DE
[72] KUSTER, HANS-WERNER, DE
[72] MORVAN, GUENAEL, FR
[72] KOREN, NICHOLAS, US
[72] WEISSLER, ARIANE, DE
[72] MARJAN, CHRISTOPHER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2020-06-30
[86] 2019-01-08 (PCT/EP2019/050273)
[87] (WO2019/141532)
[30] US (62/620,085) 2018-01-22
[30] EP (18158001.0) 2018-02-22

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[13] A1
[51] **Int.Cl. B23P 19/06 (2006.01) B23K 11/14 (2006.01)**
[25] EN
[54] **SUPPLY ROD FOR SHAFT-LIKE COMPONENT**
[54] **TIGE D'ALIMENTATION POUR COMPOSANT DE TYPE ARBRE**
[72] AOYAMA, SHOJI, JP
[72] AOYAMA, YOSHITAKA, JP
[71] AOYAMA, SHOJI, JP
[85] 2020-06-30
[86] 2018-12-03 (PCT/JP2018/044343)
[87] (WO2019/155743)
[30] JP (2018-031337) 2018-02-06

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[13] A1
[51] **Int.Cl. E06B 3/663 (2006.01)**
[25] EN
[54] **INSULATING GLAZING, WINDOW AND PRODUCTION METHOD**
[54] **VITRAGE ISOLANT, FENETRE ET PROCEDE POUR SA FABRICATION**
[72] NEANDER, MARCUS, DE
[72] MARJAN, CHRISTOPHER, DE
[72] KUSTER, HANS-WERNER, DE
[72] GREER, BRYAN, US
[72] MORVAN, GUENAEL, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2020-06-30
[86] 2019-01-08 (PCT/EP2019/050274)
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[30] US (62/620,102) 2018-01-22
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[51] **Int.Cl. B23K 35/368 (2006.01) B23K 35/30 (2006.01)**
[25] EN
[54] **FLUX-CORED WIRE FOR GAS SHIELD ARC WELDING**
[54] **FIL FOURRE POUR SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE**
[72] MURANISHI, YOSHIMASA, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2020-06-30
[86] 2019-01-16 (PCT/JP2019/001147)
[87] (WO2019/142835)
[30] JP (2018-005013) 2018-01-16

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[13] A1
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[25] EN
[54] **ROOT CANAL FILLING COMPOSITION**
[54] **COMPOSITION DE REMPLISSAGE DE CANAL RADICULAIRE**
[72] LIETZAU, MARKUS, DE
[71] LIETZAU, MARKUS, DE
[85] 2020-06-22
[86] 2018-12-19 (PCT/EP2018/085981)
[87] (WO2019/122009)
[30] EP (17210071.1) 2017-12-22
[30] DE (10 2017 131 135.1) 2017-12-22
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[51] **Int.Cl. A01K 15/02 (2006.01) F16C 35/063 (2006.01) F16C 35/067 (2006.01)**
[25] EN
[54] **EXERCISE TOOL FOR SMALL ANIMALS**
[54] **EQUIPEMENT D'EXERCICE POUR PETITS ANIMAUX**
[72] NAKATANI,YASUTOMI, JP
[72] SHIONO,SHUNJI, JP
[72] OSHIMA,TAKUJI, JP
[71] GEX CORPORATION, JP
[85] 2020-06-30
[86] 2019-11-26 (PCT/JP2019/046080)
[87] (WO2020/111034)
[30] JP (2018-225150) 2018-11-30

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[51] **Int.Cl. A23K 10/18 (2016.01) A23K 50/80 (2016.01) A61K 35/74 (2015.01)**
[25] EN
[54] **PROBIOTIC BACTERIA FOR FISH**
[54] **BACTERIES PROBIOTIQUES POUR LES POISSONS**
[72] SORUM, HENNING, NO
[71] PREVIWO AS, NO
[85] 2020-06-30
[86] 2019-01-08 (PCT/EP2019/050336)
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[30] SE (1850021-5) 2018-01-08

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[51] **Int.Cl. A61K 31/7105 (2006.01) A61K 9/00 (2006.01) A61K 39/12 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **FORMULATION FOR ADMINISTRATION OF RNA**
[54] **FORMULATION D'ADMINISTRATION D'ARN.**
[72] SAHIN, UGUR, DE
[72] HAAS, HEINRICH, DE
[72] VOGEL, ANNETTE, DE
[72] ERBAR, STEPHANIE, DE
[72] WALZER, KERSTIN, DE
[72] SCHLEGEL, ANNE, DE
[72] HORNER, SEBASTIAN, DE
[72] MORENO HERRERO, JORGE, DE
[72] KLAMP, THORSTEN, DE
[72] KREITER, SEBASTIAN, DE
[72] DIKEN, MUSTAFA, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[71] TRON-TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
[85] 2020-06-30
[86] 2019-01-10 (PCT/EP2019/050551)
[87] (WO2019/137999)
[30] EP (PCT/EP2018/050672) 2018-01-11

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[51] **Int.Cl. B01D 71/02 (2006.01) C01B 32/19 (2017.01) B01D 67/00 (2006.01) B01D 69/14 (2006.01)**
[25] EN
[54] **A GRAPHENE-BASED MEMBRANE**
[54] **MEMBRANE A BASE DE GRAPHENE**
[72] LOH, KIAN PING, SG
[72] MANGA, KIRAN KUMAR, SG
[72] BALAPANURU, JANARDHAN, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[71] GRAFOID INC., CA
[85] 2020-06-26
[86] 2019-01-15 (PCT/SG2019/050021)
[87] (WO2019/139542)
[30] SG (10201800333W) 2018-01-15

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[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **A MEDICAL FASTENING DEVICE**
[54] **DISPOSITIF DE FIXATION MEDICAL**
[72] KERANEN, OLLI, SE
[71] MEDTENTIA INTERNATIONAL LTD OY, FI
[85] 2020-06-30
[86] 2019-01-04 (PCT/FI2019/050003)
[87] (WO2019/135028)
[30] FI (20185010) 2018-01-05
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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/454 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61P 17/06 (2006.01) A61P 37/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CYCLIC AMINE DERIVATIVE AND MEDICAL USE THEREOF**
[54] **DERIVE D'AMINE CYCLIQUE ET UTILISATION PHARMACEUTIQUE ASSOCIEE**
[72] OSUMI, KAZUYA, JP
[72] MATSUMURA, YUKI, JP
[72] HAYASHI, SHINNOSUKE, JP
[72] HOSHI, MASAKI, JP
[72] VALLET, MARTIAL, JP
[72] YOKOSAKA, SHINYA, JP
[72] AOKI, TAKUMI, JP
[72] MEGURO, HIROYUKI, JP
[72] KAINO, MIE, JP
[72] TAKAGAKI, KOZUE, JP
[72] SASAKI, RIE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-06-26
[86] 2019-01-30 (PCT/JP2019/003046)
[87] (WO2019/151270)
[30] JP (2018-014813) 2018-01-31

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[13] A1
[51] **Int.Cl. G01C 21/36 (2006.01) G01C 21/32 (2006.01) G01C 21/34 (2006.01)**
[25] EN
[54] **AUTOMATIC SELECTION OF MAP DETAIL LEVELS**
[54] **SELECTION AUTOMATIQUE DES NIVEAUX DE DETAIL D'UNE CARTE**
[72] LEE, SEUNG WOO, US
[72] MOORE, CHRISTOPHER, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2020-06-30
[86] 2018-12-22 (PCT/IB2018/060551)
[87] (WO2019/130204)
[30] US (62/612,558) 2017-12-31

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[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **INSTANTANEOUS WATER/OIL SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION EAU/HUILE INSTANTANEE**
[72] MARTEL, CHRISTIAN, CA
[72] NADEAU, MARC, CA
[71] RESEAU SYNAPSE INC., CA
[85] 2020-06-29
[86] 2019-02-28 (PCT/CA2019/050235)
[87] (WO2020/019056)
[30] US (62/703,926) 2018-07-27

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[13] A1
[51] **Int.Cl. B60K 1/04 (2019.01) H01M 2/10 (2006.01)**
[25] EN
[54] **LOCK MECHANISM, LOCK SYSTEM, QUICK EXCHANGE BRACKET ASSEMBLY AND ELECTRONIC VEHICLE**
[54] **MECANISME DE VERROUILLAGE, SYSTEME DE VERROUILLAGE, ENSEMBLE SUPPORT D'ECHANGE RAPIDE ET VEHICULE ELECTRONIQUE**
[72] ZHANG, JIANPING, CN
[72] HUANG, CHUNHUA, CN
[72] LAN, ZHIBO, CN
[71] SHANGHAI DIANBA NEW ENERGY TECHNOLOGY CO., LTD., CN
[71] AULTON NEW ENERGY AUTOMOTIVE TECHNOLOGY GROUP, CN
[85] 2020-06-26
[86] 2018-12-29 (PCT/CN2018/125688)
[87] (WO2019/129288)
[30] CN (201711486906.9) 2017-12-29
[30] CN (201711482898.0) 2017-12-29

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[51] **Int.Cl. E04B 2/72 (2006.01) E04B 2/18 (2006.01) E04C 2/28 (2006.01) E04C 2/34 (2006.01) E04C 2/38 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **COMPOSITE BUILDING PANEL AND SHELL**
[54] **PANNEAU DE CONSTRUCTION COMPOSITE ET COQUE**
[72] VISSER, DAVID, AU
[71] WALL TECHNOLOGIES PTY LTD, AU
[85] 2020-07-02
[86] 2019-01-23 (PCT/AU2019/050042)
[87] (WO2019/144182)
[30] AU (2018900228) 2018-01-24

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[51] **Int.Cl. C12N 15/52 (2006.01) A01H 5/00 (2018.01) C07K 14/195 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES**
[54] **PLANTES AYANT UNE TOLERANCE ACCRUE AUX HERBICIDES**
[72] SCHACHTSCHABEL, DOREEN, DE
[72] HOLLENBACH, EVA, DE
[72] SISAY, MIHIRET TEKESTE, DE
[72] ZIERKE, THOMAS, DE
[72] GEERDINK, DANNY, DE
[71] BASF SE, DE
[85] 2020-06-30
[86] 2019-01-15 (PCT/IB2019/050310)
[87] (WO2019/142099)
[30] EP (18152064.4) 2018-01-17

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[51] **Int.Cl. C07K 14/435 (2006.01) A61K 38/17 (2006.01) A61K 47/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PANDA AS NOVEL THERAPEUTIC**
[54] **PANDA EN TANT QUE NOUVEL AGENT THERAPEUTIQUE**
[72] LU, MIN, CN
[72] WU, JIALE, CN
[72] SONG, HUAXIN, CN
[71] RUI JIN HOSPITAL, SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE, CN
[85] 2020-07-02
[86] 2018-04-28 (PCT/CN2018/085190)
[87] (WO2019/134311)
[30] CN (PCT/CN2018/070051) 2018-01-02

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[51] **Int.Cl. H01R 12/59 (2011.01) A41B 9/00 (2006.01) A41C 3/12 (2006.01) A41D 1/00 (2018.01) H01R 4/06 (2006.01) H05K 1/02 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **ELECTRONICS-TO-TEXTILE INTERCONNECTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'INTERCONNEXION ENTRE UNE ELECTRONIQUE ET UN TEXTILE**
[72] CHAHINE, TONY, CA
[72] AITKEN, STEVE, CA
[72] STRAKA, ADRIAN, CA
[72] ALIZADEH-MEGHRAZI, MILAD, CA
[71] MYANT INC., CA
[85] 2020-07-02
[86] 2018-12-21 (PCT/CA2018/051654)
[87] (WO2019/134031)
[30] US (62/614,380) 2018-01-06

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[13] A1
[51] **Int.Cl. B01D 65/02 (2006.01) B01D 29/62 (2006.01) B01D 35/16 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PASSIVELY BUBBLING GAS THROUGH LIQUID**
[54] **PROCEDE ET APPAREIL DE BULLAGE PASSIF DE GAZ A TRAVERS UN LIQUIDE**
[72] BERUBE, PIERRE, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2020-07-02
[86] 2018-12-24 (PCT/CA2018/051670)
[87] (WO2019/134035)
[30] US (62/612,859) 2018-01-02

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **ON-BOARD STARTING POWER SUPPLY**
[54] **SOURCE D'ENERGIE DE DEMARRAGE MONTEE SUR UN VEHICULE**
[72] LEI, YUN, CN
[72] ZHANG, ZHIFENG, CN
[71] SHENZHEN CARKU TECHNOLOGY CO., LIMITED., CN
[85] 2020-07-02
[86] 2018-08-30 (PCT/CN2018/103295)
[87] (WO2020/042091)

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[13] A1
[51] **Int.Cl. A47L 9/04 (2006.01) A46B 13/00 (2006.01) A47L 5/30 (2006.01)**
[25] EN
[54] **BRUSHROLL FOR VACUUM CLEANER**
[54] **BROSSE CYLINDRIQUE POUR ASPIRATEUR**
[72] KASPER, GARY A., US
[72] VANTONGEREN, TODD RICHARD, US
[72] MOHAN, JAKE ANDREW, US
[72] SCHOLTEN, JEFFREY A., US
[71] BISSELL INC., US
[85] 2020-06-30
[86] 2019-01-07 (PCT/US2019/012518)
[87] (WO2019/139846)
[30] US (15/866,978) 2018-01-10

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[13] A1
[51] **Int.Cl. H01L 29/778 (2006.01) H01L 21/335 (2006.01)**
[25] EN
[54] **GROUP III NITRIDE ENHANCEMENT-MODE HEMT BASED ON COMPOSITE BARRIER LAYER STRUCTURE AND MANUFACTURING METHOD THEREOF**
[54] **HEMT RENFORCE AU NITRURE DU GROUPE III FONDE SUR UNE STRUCTURE DE COUCHE BARRIERE DE POTENTIEL COMPOSITE ET SON PROCEDE DE FABRICATION**
[72] SUN, QIAN, CN
[72] ZHOU, YU, CN
[72] ZHONG, YAOZONG, CN
[72] GAO, HONGWEI, CN
[72] FENG, MEIXIN, CN
[72] YANG, HUI, CN
[71] SUZHOU INSTITUTE OF NANO-TECH AND NANO-BIONICS (SINANO), CHINESE ACADEMYOF SCIENCES, CN
[85] 2020-07-02
[86] 2018-04-10 (PCT/CN2018/082576)
[87] (WO2019/136864)
[30] CN (201810031021.8) 2018-01-12

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[13] A1
[51] **Int.Cl. A61M 16/20 (2006.01) F16K 11/02 (2006.01) F16K 11/052 (2006.01)**
[25] EN
[54] **MICRO BI-DIRECTIONAL VALVES AND SYSTEMS**
[54] **MICROVALVES BIDIRECTIONNELLES ET SYSTEMES**
[72] MARSH, STEPHEN ALAN, US
[71] ENCITE, LLC, US
[85] 2020-06-30
[86] 2019-01-09 (PCT/US2019/012828)
[87] (WO2019/139938)
[30] US (62/615,064) 2018-01-09

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[13] A1
[51] **Int.Cl. F02K 1/00 (2006.01)**
[25] EN
[54] **A THROAT SHIFTING TYPE FLUIDIC VECTORING NOZZLE BASED ON TRANSLATIONAL MOTION FOR SHORT-DISTANCE TAKEOFF AND LANDING**
[54] **BUSE DE VECTEUR PNEUMATIQUE DU TYPE A DECALAGE DE GORGE DE DECOLLAGE ET D'ATTERRISSAGE A COURTE DISTANCE REPOSANT SUR UN MOUVEMENT DE TRANSLATION**
[72] HUANG, SHUAI, CN
[72] XU, JINGLEI, CN
[72] WANG, YANGSHENG, CN
[72] CHEN, KUANGSHI, CN
[72] XU, BAOCHENG, CN
[72] LIN, YONGCHEN, CN
[72] WANG, FENG, CN
[71] NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS, CN
[85] 2020-07-02
[86] 2018-10-29 (PCT/CN2018/112398)
[87] (WO2019/179102)
[30] CN (201810240316.6) 2018-03-22

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[51] **Int.Cl. H04R 1/34 (2006.01)**
[25] EN
[54] **MULTI-WAY ACOUSTIC WAVEGUIDE FOR A SPEAKER ASSEMBLY**
[54] **GUIDE D'ONDES ACOUSTIQUES A VOIES MULTIPLES POUR ENSEMBLE HAUT-PARLEUR**
[72] HALLEY, JEROME, US
[72] SMOLEN, CHRIS, US
[71] QSC, LLC, US
[85] 2020-06-30
[86] 2019-01-09 (PCT/US2019/012940)
[87] (WO2019/140011)
[30] US (62/615,398) 2018-01-09

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **NOVEL CRYSTAL FORM OF ACALABRUTINIB AND PREPARATION METHOD AND USE THEREOF**
[54] **NOUVELLE FORME CRISTALLINE D'ACALABRUTINIB, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] LIU, YUAN, CN
[72] WANG, JIANMING, CN
[71] CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD., CN
[85] 2020-07-02
[86] 2018-11-20 (PCT/CN2018/116288)
[87] (WO2019/134455)
[30] CN (201810011409.1) 2018-01-05

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[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **AN OPTICAL FIBER RIBBON AND A METHOD AND SYSTEM OF PRODUCING THE SAME**
[54] **RUBAN DE FIBRES OPTIQUES ET PROCEDE ET SYSTEME DE PRODUCTION ASSOCIES**
[72] FALLAHMOHAMMADI, EHSAN, IT
[72] RISCH, BRIAN G., IT
[72] SACH, JOHN R., IT
[72] BARKER, JEFFREY SCOTT, IT
[72] ANDERSON, CLINT, IT
[71] PRYSMIAN S.P.A., IT
[85] 2020-07-02
[86] 2018-01-15 (PCT/EP2018/050898)
[87] (WO2019/137627)

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[13] A1
[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/475 (2006.01) C07K 14/525 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **IMMUNE CELLS EXPRESSING A CHIMERIC ANTIGEN RECEPTOR**
[54] **CELLULES IMMUNITAIRES EXPRIMANT UN RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] MAUS, MARCELA V., US
[72] CHOI, BRYAN, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-06-30
[86] 2019-01-10 (PCT/US2019/013103)
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[54] **VEHICULE FERROVIAIRE ET PROCEDE DE MESURE D'UNE VOIE FERREE**
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[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GMBH, AT
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[54] **POWDER FOR ACHIEVING HEMOSTASIS**
[54] **DISPOSITIF POUR REALISER UNE HEMOSTASE**
[72] FREDRICKSON, GERALD, US
[72] SMITH, AMANDA L., US
[72] PIC, ANDREW, US
[72] GERVASIO, SOPHIA, US
[72] LYDECKER, LAUREN, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[25] EN
[54] **METHODS FOR ACCESS POINT SYSTEMS AND PAYMENT SYSTEMS THEREFOR**
[54] **PROCEDES POUR SYSTEMES DE POINTS D'ACCES ET SYSTEMES DE PAIEMENT ASSOCIES**
[72] ENE, COSMIN-GABRIEL, DE
[72] LUFT, ACHIM, DE
[72] HANS, MARTIN, DE
[72] NEMEC, TOM, DE
[71] LATERPAY AG, CH
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[54] **METHODS OF ADMINISTERING CHIMERIC ANTIGEN RECEPTOR IMMUNOTHERAPY IN COMBINATION WITH 4-1BB AGONIST**
[54] **METHODES D'ADMINISTRATION D'IMMUNOTHERAPIE PAR RECEPTEUR D'ANTIGENE CHIMERIQUE EN COMBINAISON AVEC UN AGONISTE DE 4-1BB**
[72] GO, WILLIAM Y., US
[72] WOOLFSON, ADRIAN, US
[71] PFIZER INC., US
[71] KITE PHARMA, INC., US
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[54] **CURRENT CONVERTER**
[54] **TRANSFORMATEUR DE COURANT**
[72] HOPPE, LARS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-07-02
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[54] **FOLLOW-UP MECHANISM AND BRAKE CALIPER UNIT FOR GAUGE-CHANGEABLE BOGIE**
[54] **MECANISME SUIVEUR ET UNITE D'ETRIER DE FREIN POUR BOGIE A JAUGE VARIABLE**
[72] WANG, ZHEN, CN
[72] MENG, QINGYU, CN
[72] WANG, LINGJUN, CN
[72] DAI, XIAOCHAO, CN
[72] ZHANG, XIN, CN
[72] WANG, FENGZHOU, CN
[72] HUANG, JIANSONG, CN
[72] ZHANG, FANGLIANG, CN
[72] HUANG, SHIWEI, CN
[71] CRRC QINGDAO SIFANG ROLLING STOCK RESEARCH INSTITUTE CO., LTD., CN
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[54] **METHODS AND APPARATUS FOR ALLOCATION AND RECONCILIATION OF QUASI-LICENSED WIRELESS SPECTRUM ACROSS MULTIPLE ENTITIES**
[54] **PROCEDES ET APPAREIL D'ATTRIBUTION ET DE RAPPROCHEMENT DE SPECTRE SANS FIL QUASI-AUTORISE ENTRE DES ENTITES MULTIPLES**
[72] KAKINADA, UMAMAHESWAR A., US
[72] HMIMY, HOSSAM, US
[71] CHARTER COMMUNICATIONS OPERATING, LLC, US
[85] 2020-06-30
[86] 2019-01-15 (PCT/US2019/013710)
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[25] EN
[54] **CHROMATOGRAPHY MEDIA AND METHODS FOR PRODUCING THEM**
[54] **MILIEU DE CHROMATOGRAPHIE ET LEURS PROCEDES DE PRODUCTION**
[72] HUMMERSONE, MARC, GB
[72] WALLIS, BENJAMIN, GB
[72] LEROUX, FREDERIC, GB
[72] LAW, WILLIAM HOWARD ALBERT, GB
[71] PURIDIFY LTD., GB
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[54] **SAND BUNKER RAKE/INFIELD GROOMER VEHICLE**
[54] **VEHICULE DE TYPE RATEAU/DAMEUSE POUR FOSSE DE SABLE**
[72] HILLER, ADAM, US
[72] BUCHANAN, PETER J., US
[71] MTD PRODUCTS INC, US
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[54] **QUANTITATIVE ACETAMINOPHEN ANALYTICS**
[54] **ANALYSE QUANTITATIVE D'ACETAMINOPHENE**
[72] GRIMMLER, MATTHIAS, DE
[72] THONGES, DETLEF, DE
[72] SCHU, PIA, DE
[72] MENZENBACH, CAROLIN, DE
[72] KRECKEL, LAURA, DE
[71] DIASYS DIAGNOSTIC SYSTEMS GMBH, DE
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[54] **EDB TARGETING IL-12 COMPOSITIONS**
[54] **COMPOSITIONS D'IL-12 CIBLANT L'EDB**
[72] VILLA, ALESSANDRA, CH
[72] MATASCI, MATTIA, CH
[72] ONGARO, TIZIANO, CH
[71] PHILOGEN S.P.A., IT
[85] 2020-07-02
[86] 2019-02-08 (PCT/EP2019/053136)
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[25] EN
[54] **PACKAGING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONDITIONNEMENT**
[72] FIELDER, TERRY L., US
[71] PACKAGING CONCEPTS & DESIGN, LLC, US
[85] 2020-06-30
[86] 2019-01-16 (PCT/US2019/013801)
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[54] **AN ARRANGEMENT FOR ADJUSTING AMPLIFICATION**
[54] **AGENCEMENT PERMETTANT DE REGLER UNE AMPLIFICATION**
[72] HALEN, SAMI, FI
[72] KUUSISTO, SAMI, FI
[72] MAKI, KARI, FI
[72] MAKIRANTA, ANSSI, FI
[72] SUSI, MATTI, FI
[71] TELESTE OYJ, FI
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[51] **Int.Cl. A47F 1/10 (2006.01)**
[25] EN
[54] **CUTLERY DISPENSING ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTION DE COUVERTS**
[72] LOUCKS, KYLE, US
[71] GPCP IP HOLDINGS LLC, US
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[54] **DEVICE FOR HEATING AND EMULSIFYING BEVERAGES**
[54] **DISPOSITIF DE CHAUFFAGE ET D'EMULSIFICATION DE BOISSONS**
[72] DE' LONGHI, GIUSEPPE, IT
[72] QUARATESI, GUIDO, IT
[72] CRISTOFOLI, CLAUDIO, IT
[72] ROSSETTO, GIOVANNI, IT
[71] DE'LONGHI APPLIANCES S.R.L., IT
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[25] EN
[54] **CAPPING ASSEMBLY**
[54] **ENSEMBLE DE CAPSULAGE**
[72] GIEMZA, LEE, GB
[72] FISHER, THOMAS EDWARD, GB
[72] BUTTERWORTH, JOHN, GB
[71] GRIPPLE LIMITED, GB
[85] 2020-07-02
[86] 2018-12-19 (PCT/GB2018/000158)
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[54] **COMPOSITE ELEMENT WITH IMPROVED PROPERTIES**
[54] **ELEMENT COMPOSITE AUX PROPRIETES AMELIOREES**
[72] GRIESER-SCHMITZ, CHRISTOF, DE
[72] KAMM, ANDRE, DE
[71] BASF SE, DE
[85] 2020-07-02
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[51] **Int.Cl. H01H 13/02 (2006.01) H05B 33/08 (2020.01)**
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[54] **KEYPAD HAVING ILLUMINATED BUTTONS**
[54] **CLAVIER A BOUTONS ECLAIRES**
[72] MCDONALD, MATTHEW P., US
[72] TUCKER, SEAN, US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[54] **METHOD FOR SELECTING POLYNUCLEOTIDES BASED ON ENZYME INTERACTION DURATION**
[54] **PROCEDE DE SELECTION DE POLYNUCLEOTIDES SUR LA BASE D'UNE DUREE D'INTERACTION ENZYMATIQUE**
[72] HERON, ANDREW JOHN, GB
[72] BOWEN, REBECCA VICTORIA, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
[85] 2020-07-02
[86] 2019-01-07 (PCT/GB2019/050029)
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[54] **CONTINUOUS MOTION PACKAGING MACHINE WITH CARTON TURNING STATION**
[54] **MACHINE D'EMBALLAGE A MOUVEMENT CONTINU DOTEE D'UNE STATION DE RETOURNEMENT DE CARTONS**
[72] FORD, COLIN P., US
[72] RICE, THOMAS A., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2020-06-30
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[51] **Int.Cl. G06F 21/00 (2013.01) B60Q 9/00 (2006.01)**
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[54] **ENHANCED VEHICLE SHARING SYSTEM**
[54] **SYSTEME DE PARTAGE DE VEHICULE AMELIORE**
[72] HODGE, ANDREW, US
[72] ACKERMAN, NATHAN, US
[72] LABROSSE, JEAN-PAUL, US
[72] WILLIAMS, PHILLIP LUCAS, US
[72] SULLIVAN, SCOTT LINDSAY, US
[72] ALDERMAN, JASON MATTHEW, US
[71] XIRGO TECHNOLOGIES, LLC, US
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[51] **Int.Cl. A61F 5/443 (2006.01) A61F 5/445 (2006.01) A61F 5/448 (2006.01) A61M 25/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE MANAGEMENT OF BODY FLUIDS LEAKING FROM A SURGICAL DRAIN TUBE INCISION**
[54] **PROCEDE ET DISPOSITIF POUR LA GESTION DE FLUIDES CORPORELS FUYANT D'UNE INCISION DE TUBE DE DRAINAGE CHIRURGICAL**
[72] ALDEN, DMITRI, US
[72] MULHAUSER, PAUL, US
[71] ALDEN ADVANCED TECHNOLOGIES, INC., US
[85] 2020-06-30
[86] 2019-02-11 (PCT/US2019/017491)
[87] (WO2019/164693)
[30] US (PCT/US2018/018928) 2018-02-21
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[51] **Int.Cl. B65G 19/24 (2006.01) B65G 19/14 (2006.01)**
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[54] **TUBULAR CABLE CONVEYOR SLUG WITH INTEGRATED CONNECTOR**
[54] **MANCHON D'ADAPTATION DE CONVOYEUR A CABLE TUBULAIRE AVEC CONNECTEUR INTEGRE**
[72] BARRY, DANIEL JOEL, US
[72] SZAZDI, JR., JOHN STEPHEN, US
[71] FLEXICON CORPORATION, US
[85] 2020-06-30
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[25] EN
[54] **METHODS FOR TREATING COLORECTAL AND METASTATIC COLORECTAL CANCERS**
[54] **METHODES POUR TRAITER UN CANCER COLORECTAL ET DES CANCERS COLORECTAUX METASTATIQUES**
[72] GANLOV, KARIN, SE
[72] OSTBERG, MAGNUS, SE
[72] LINDBERG, PER L., SE
[72] GUSTAVSSON, BENGT, SE
[72] SUNDEN, GUNNEL E., SE
[71] ISOFOL MEDICAL AB, SE
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[86] 2019-01-04 (PCT/IB2019/000008)
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[30] EP (PCT/EP2018/050274) 2018-01-05
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[54] **PERFORATED CAPSULES**
[54] **CAPSULES PERFOREES**
[72] BAGCHI, SAUMITRA, US
[72] MCNALLY, GERARD P., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2020-07-02
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[25] EN
[54] **WOOD PASTE AND OBJECTS MADE THEREFROM**
[54] **PATE DE BOIS ET OBJETS FABRIQUES A PARTIR DE CELLE-CI**
[72] KAM, DORON, IL
[72] LAYANI, MICHAEL, IL
[72] SHOSEYOV, ODED, IL
[72] MAGDASSI, SHLOMO, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[25] EN
[54] **NOVEL METAL COMPLEX, METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING GAMMA-LACTAM COMPOUND USING SAME**
[54] **NOUVEAU COMPLEXE METALLIQUE, PROCEDE DE PRODUCTION DE CELUI-CI ET PROCEDE DE PRODUCTION DE COMPOSE GAMMA-LACTAME L'UTILISANT**
[72] CHANG, SUKBOK, KR
[72] HONG, SEUNG YOUN, KR
[72] PARK, YOON SU, KR
[72] HWANG, YEONGYU, KR
[72] KIM, YEONG BUM, KR
[71] INSTITUTE FOR BASIC SCIENCE, KR
[71] KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
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[30] KR (10-2018-0000449) 2018-01-02
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[25] EN
[54] **METHOD FOR PRODUCING LACTAM COMPOUND, AND LACTAM COMPOUND PRODUCED THEREBY**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE LACTAME ET COMPOSE LACTAME AINSI PRODUIT**
[72] CHANG, SUKBOK, KR
[72] HONG, SEUNG YOUN, KR
[72] PARK, YOON SU, KR
[72] HWANG, YEONGYU, KR
[72] KIM, YEONG BUM, KR
[71] INSTITUTE FOR BASIC SCIENCE, KR
[71] KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
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[86] 2019-01-02 (PCT/KR2019/000056)
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[30] KR (10-2018-0173117) 2018-12-28

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[54] **INDOLE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS**
[54] **DERIVES D'INDOLE EN TANT QU'AGENTS DE DEGRADATION DES RECEPTEURS DES □STROGENES**
[72] QIAN, YIMIN, US
[72] CREW, ANDREW P., US
[72] DONG, HANQING, US
[72] WANG, JING, US
[72] CREWS, CRAIG M., US
[71] ARVINAS, INC., US
[85] 2020-07-02
[86] 2017-09-15 (PCT/US2017/051914)
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[25] EN
[54] **IMMERSED PLATE HEATER SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION PAR DISPOSITIF DE CHAUFFAGE A PLAQUES IMMERGEES**
[72] BAAREN, SANDER G., US
[72] BALK, WOUTER, NL
[71] FMC TECHNOLOGIES, INC., US
[85] 2020-07-02
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[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **INTERACTIVE SYSTEMS AND METHODS WITH FEEDBACK DEVICES**
[54] **SYSTEMES ET PROCEDES INTERACTIFS COMPRENANT DES DISPOSITIFS DE RETROACTION**
[72] YEH, WEI CHENG, US
[72] COSSAIRT, TRAVIS JON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-07-02
[86] 2018-11-13 (PCT/US2018/060820)
[87] (WO2019/139668)
[30] US (62/617,506) 2018-01-15
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[51] **Int.Cl. A63G 31/00 (2006.01) A63G 33/00 (2006.01)**
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[54] **LOCAL INTERACTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'INTERACTION LOCALE**
[72] YEH, WEI CHENG, US
[72] COSSAIRT, TRAVIS JON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-07-02
[86] 2018-11-13 (PCT/US2018/060826)
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[30] US (62/617,508) 2018-01-15
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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0487 (2013.01) A63F 13/00 (2014.01) A63G 31/00 (2006.01) G06F 3/041 (2006.01) G06K 7/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **INTERACTIVE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES INTERACTIFS**
[72] COSSAIRT, TRAVIS JON, US
[72] YEH, WEI CHENG, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-07-02
[86] 2018-11-15 (PCT/US2018/061353)
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[30] US (62/617,531) 2018-01-15
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[25] EN
[54] **FISH BIOMASS, SHAPE, AND SIZE DETERMINATION**
[54] **DETERMINATION DE LA TAILLE, DE LA FORME ET DE LA BIOMASSE DE POISSONS**
[72] JAMES, BARNABY JOHN, US
[72] RAPOPORT, EVAN DOUGLAS, US
[72] MESSANA, MATTHEW, US
[72] KIMBALL, PETER, US
[71] X DEVELOPMENT LLC, US
[85] 2020-07-02
[86] 2018-12-05 (PCT/US2018/064008)
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[30] US (15/879,851) 2018-01-25

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[51] **Int.Cl. B65D 71/20 (2006.01)**
[25] EN
[54] **CARTON AND BLANK THEREFOR**
[54] **CARTON ET DECOUPE POUR CELUI-CI**
[72] SHIBUYA, KATSUO, JP
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2020-07-02
[86] 2018-12-20 (PCT/US2018/066756)
[87] (WO2019/139763)
[30] US (62/615,033) 2018-01-09

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[51] **Int.Cl. C02F 5/12 (2006.01) C09K 8/54 (2006.01) C23F 11/08 (2006.01) C23F 11/10 (2006.01) C23F 11/14 (2006.01)**
[25] EN
[54] **BENZOTRIAZOLE DERIVATIVES AS CORROSION INHIBITORS**
[54] **DERIVES DE BENZOTRIAZOLE COMME INHIBITEURS DE CORROSION**
[72] HARBINDU, ANANAD, IN
[72] SEETHARAMAN, JOTHIBASU, IN
[71] ECOLAB USA INC., US
[85] 2020-07-02
[86] 2018-12-28 (PCT/US2018/067875)
[87] (WO2019/135991)
[30] US (62/613,295) 2018-01-03

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[51] **Int.Cl. F02C 6/18 (2006.01) E21B 41/00 (2006.01) F01D 15/10 (2006.01) F01N 5/02 (2006.01) F02C 6/00 (2006.01)**
[25] EN
[54] **EXHAUST HEAT RECOVERY FROM A MOBILE POWER GENERATION SYSTEM**
[54] **RECUPERATION DE CHALEUR D'ECHAPPEMENT A PARTIR D'UN SYSTEME DE GENERATION D'ENERGIE MOBILE**
[72] MORRIS, JEFFREY G., US
[72] BODISHBAUGH, ADRIAN BENJAMIN, US
[72] VANN, BRETT, US
[71] TYPHON TECHNOLOGY SOLUTIONS, LLC, US
[85] 2020-07-02
[86] 2018-12-31 (PCT/US2018/068103)
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[30] US (62/612,986) 2018-01-02

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[51] **Int.Cl. C07C 259/06 (2006.01) A61K 31/16 (2006.01) A61K 31/433 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07D 285/135 (2006.01)**
[25] EN
[54] **SELECTIVE HISTONE DEACETYLASE INHIBITORS FOR THE TREATMENT OF HUMAN DISEASE**
[54] **INHIBITEURS SELECTIFS D'HISTONE DEACETYLASE POUR LE TRAITEMENT D'UNE MALADIE HUMAINE**
[72] GRINDROD, SCOTT, US
[72] JUNG, MIRA, US
[72] DRITSCHILO, ANATOLY, US
[71] SHUTTLE PHARMACEUTICALS, INC., US
[85] 2020-07-02
[86] 2019-01-08 (PCT/US2019/012770)
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[30] US (62/615,113) 2018-01-09

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[25] EN
[54] **INTERACTIVE GAMING SYSTEM**
[54] **SYSTEME DE JEU INTERACTIF**
[72] YEH, WEI CHENG, US
[72] COSSAIRT, TRAVIS JON, US
[72] LEIBA, NEIL ANDREW, US
[72] MCCAY, ERICA LYNN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-07-02
[86] 2019-01-09 (PCT/US2019/012920)
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[51] **Int.Cl. G06K 19/07 (2006.01)**
[25] EN
[54] **INTERACTIVE SYSTEMS AND METHODS WITH TRACKING DEVICES**
[54] **SYSTEMES ET PROCEDES INTERACTIFS AYANT DES DISPOSITIFS DE SUIVI**
[72] YEH, WEI CHENG, US
[72] COSSAIRT, TRAVIS JON, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2020-07-02
[86] 2019-01-09 (PCT/US2019/012935)
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[30] US (62/617,510) 2018-01-15
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[51] **Int.Cl. A61K 39/09 (2006.01) A61K 47/64 (2017.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **MULTIVALENT PNEUMOCOCCAL POLYSACCHARIDE-PROTEIN CONJUGATE COMPOSITION**
[54] **COMPOSITION DE CONJUGUE POLYSACCHARIDE-PROTEINE PNEUMOCOCCIQUE MULTIVALENT**
[72] AN, KYUNGJUN, KR
[72] HAM, DONGSOO, KR
[72] KIM, HUN, KR
[72] KIM, SUNGHYUN, KR
[72] SHIN, JINHWAN, KR
[72] HOPFER, ROBERT, US
[72] KENSINGER, RICHARD D., US
[72] KYAW, MOE, US
[72] TALAGA, PHILIPPE, FR
[71] SANOFI PASTEUR INC., US
[71] SK BIOSCIENCE CO., LTD., KR
[85] 2020-07-02
[86] 2019-02-04 (PCT/US2019/016506)
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[25] EN
[54] **METHOD AND SYSTEM TO ASSESS DISEASE USING PHASE SPACE VOLUMETRIC OBJECTS**
[54] **PROCEDE ET SYSTEME POUR EVALUER UNE MALADIE A L'AIDE D'OBJETS VOLUMETRIQUES D'ESPACE DES PHASES**
[72] GUPTA, SUNNY, CA
[72] BURTON, TIMOTHY, CA
[72] RAMCHANDANI, SHYAMLAL, CA
[71] ANALYTICS FOR LIFE INC., CA
[85] 2020-06-29
[86] 2018-12-28 (PCT/IB2018/060708)
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[30] US (62/611,826) 2017-12-29
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[25] EN
[54] **GROWTH FACTOR OTIC FORMULATIONS**
[54] **FORMULATIONS OTIQUES DE FACTEUR DE CROISSANCE**
[72] PIU, FABRICE, US
[72] JACQUES, BONNIE, US
[72] TSIVKOVSKAIA, NATALIA, US
[72] QI, HONG, US
[72] SAVEL, ROBERT, US
[72] COLEMAN, SCOTT, US
[72] ZHANG, ZHANPENG, US
[72] PASTUSZKA, MARTHA, US
[71] OTONOMY, INC., US
[85] 2020-07-02
[86] 2019-01-09 (PCT/US2019/012941)
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[30] US (62/615,358) 2018-01-09

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[51] **Int.Cl. D07B 1/02 (2006.01) A61B 17/06 (2006.01) D04C 1/12 (2006.01)**
[25] EN
[54] **SMALL DIAMETER FIBER BRAID WITH CENTRAL CORE MEMBER**
[54] **TRESSE DE FIBRES DE PETIT DIAMETRE AVEC ELEMENT DE NOYAU CENTRAL**
[72] COFFEY, PATRICK, US
[72] SLOAN, FORREST, US
[71] KURARAY AMERICA, INC., US
[85] 2020-07-02
[86] 2019-01-17 (PCT/US2019/013962)
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[30] US (62/620,801) 2018-01-23

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[51] **Int.Cl. F16G 11/14 (2006.01) B60D 1/18 (2006.01) B63B 21/58 (2006.01)**
[25] EN
[54] **DEVICE FOR USE WITH ONE OR MORE LINES AND METHODS OF USING SAME**
[54] **DISPOSITIF DESTINE A ETRE UTILISE AVEC UN OU PLUSIEURS CABLES ET SES PROCEDES D'UTILISATION**
[72] COLE, CHRISTOPHER, US
[72] GEROUX, JAMES K., US
[71] COLE, CHRISTOPHER, US
[71] GEROUX, JAMES K., US
[85] 2020-07-02
[86] 2019-01-11 (PCT/US2019/013171)
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLO[3,4-D]PYRIMIDINE COMPOUNDS AS RET KINASE INHIBITORS**
[54] **COMPOSES DE PYRAZOLO[3,4-D]PYRIMIDINE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA KINASE RET**
[72] BLAKE, JAMES F., US
[72] DAI, DONGHUA, US
[72] HAAS, JULIA, US
[72] JIANG, YUTONG, US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] METCALF, ANDREW T., US
[72] MORENO, DAVID A., US
[72] PRIGARO, BRETT, US
[72] REN, LI, US
[71] ARRAY BIOPHARMA INC., US
[85] 2020-07-02
[86] 2019-01-18 (PCT/US2019/014272)
[87] (WO2019/143991)
[30] US (62/619,055) 2018-01-18
[30] US (62/669,317) 2018-05-09
[30] US (62/676,425) 2018-05-25

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[51] **Int.Cl. G01V 1/36 (2006.01) G01V 1/30 (2006.01) G01V 1/38 (2006.01)**
[25] EN
[54] **SEISMIC DATASET ACQUISITION**
[54] **ACQUISITION D'ENSEMBLE DE DONNEES SISMIQUES**
[72] PARAMO, PEDRO, US
[72] VINCENT, KAREEM, US
[72] CARDINEZ, SEAN, US
[72] HODGSON, LINDA, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2020-07-02
[86] 2019-01-10 (PCT/US2019/012995)
[87] (WO2019/140054)
[30] US (62/617,090) 2018-01-12

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[51] **Int.Cl. G06F 16/9535 (2019.01) G06Q 50/10 (2012.01) G06F 16/907 (2019.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTEXT-AWARE PROVISION OF CONTENT**
[54] **PROCEDE ET SYSTEME DE PRESENTATION DE CONTENU SENSIBLE AU CONTEXTE**
[72] MOORE, GREGORY, AU
[71] OOVVUU PTY LTD, AU
[85] 2020-07-03
[86] 2018-12-21 (PCT/AU2018/051388)
[87] (WO2019/134015)
[30] AU (2018900031) 2018-01-05

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[51] **Int.Cl. D04H 1/42 (2012.01) D04H 1/413 (2012.01) D04H 1/4309 (2012.01) D04H 1/435 (2012.01) D04H 1/498 (2012.01) D04H 1/559 (2012.01) D04H 1/593 (2012.01) D04H 3/005 (2012.01) D04H 3/011 (2012.01) B32B 5/26 (2006.01) B65D 65/46 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **PROCESS OF MAKING A MULTI-PLY FIBROUS WATER SOLUBLE PRODUCT**
[54] **PROCESSUS DE FABRICATION D'UN PRODUIT FIBREUX MULTICOUCHE SOLUBLE DANS L'EAU**
[72] PRATT, MICHAEL SEAN, US
[72] REED, ANTHONEY EDWARD, US
[72] GLASSMEYER, STEPHEN ROBERT, US
[72] SIVIK, MARK ROBERT, US
[72] NYANGIRO, DINAH ACHOLA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-07-02
[86] 2019-01-22 (PCT/US2019/014449)
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[30] US (15/881,124) 2018-01-26

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[51] **Int.Cl. C11D 17/04 (2006.01) C11D 3/50 (2006.01) C11D 17/00 (2006.01) D06M 13/00 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES COMPRISING PERFUME**
[54] **ARTICLES EN DOSE UNITAIRE HYDROSOLUBLE COMPRENANT UN PARFUM**
[72] SIVIK, MARK ROBERT, US
[72] BUEHLER, THERESA ANNE, US
[72] DENOME, FRANK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-07-02
[86] 2019-01-22 (PCT/US2019/014455)
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[30] US (62/622,466) 2018-01-26

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[51] **Int.Cl. C06B 31/28 (2006.01) C06B 31/06 (2006.01)**
[25] EN
[54] **EXPLOSIVE COMPOSITIONS FOR USE IN REACTIVE GROUND AND RELATED METHODS**
[54] **COMPOSITIONS EXPLOSIVES A UTILISER DANS UN SOL REACTIF ET PROCEDES ASSOCIES**
[72] PETTERSEN, JADE, AU
[72] MCPHAIL, EMMA, AU
[72] GORE, JEFF, AU
[71] DYNO NOBEL ASIA PACIFIC PTY LIMITED, AU
[85] 2020-07-03
[86] 2019-01-03 (PCT/AU2019/050003)
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[51] **Int.Cl. G09F 3/00 (2006.01) G09F 3/02 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **DIRECT THERMAL AND THERMAL TRANSFER LABEL COMBINATION**
[54] **COMBINAISON D'IMPRESSIONS THERMIQUE DIRECTE ET PAR TRANSFERT THERMIQUE D'ETIQUETTE**
[72] FRANCOEUR, ROGER, US
[72] LIVINGSTON, TIMOTHY DARREN, US
[71] ICONEX LLC, US
[85] 2020-07-02
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[30] US (15/876,277) 2018-01-22

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/24 (2012.01)**
[25] EN
[54] **METHOD FOR CONTEXT-BASED SELECTION AND ACTIVATION OF APPLICATIONS ON A MOBILE DEVICE**
[54] **PROCEDE DE SELECTION ET D'ACTIVATION CONTEXTUELLES D'APPLICATIONS SUR UN DISPOSITIF MOBILE**
[72] ENE, COSMIN-GABRIEL, DE
[72] HANS, MARTIN, DE
[71] LATERPAY AG, CH
[85] 2020-07-03
[86] 2019-01-04 (PCT/EP2019/050184)
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[30] US (62/613,972) 2018-01-05

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[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/024 (2006.01) A61B 5/0476 (2006.01) A61B 5/0488 (2006.01)**
[25] EN
[54] **WEARABLE COMPUTING DEVICE**
[54] **DISPOSITIF INFORMATIQUE POUVANT ETRE PORTE**
[72] AIMONE, CHRISTOPHER ALLEN, CA
[72] MACKENZIE, SAMUEL THOMAS, CA
[72] FLEURY, AMANDA, CA
[72] ZACHAROWSKA, MARTA, CA
[72] MOFFAT, GRAEME DANIEL, CA
[71] INTERAXON INC., CA
[85] 2020-07-03
[86] 2018-11-30 (PCT/CA2018/051536)
[87] (WO2019/134027)
[30] US (62/613,492) 2018-01-04
[30] US (62/643,007) 2018-03-14

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[13] A1
[51] **Int.Cl. C02F 3/28 (2006.01)**
[25] EN
[54] **CHEMICAL DENITRIFICATION OF CONTAMINATED WATER**
[54] **DENITRIFICATION CHIMIQUE D'EAU CONTAMINEE**
[72] COLOMBO, RUSSEL GERALD, US
[72] LOUGHMILLER, GARY BRYON, US
[71] CHEMICAL SYSTEMS OF ORLANDO, INC., US
[85] 2020-07-02
[86] 2019-02-20 (PCT/US2019/018667)
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[30] US (62/635,691) 2018-02-27

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[51] **Int.Cl. H04L 9/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **HOMOMORPHIC KEY DERIVATION**
[54] **DEDUCTION DE CLE HOMOMORPHIQUE**
[72] KESELMAN, GLEB, US
[72] SHEFFER, YARON, US
[72] ROSEN, ALON, US
[71] INTUIT INC., US
[85] 2020-07-02
[86] 2019-07-26 (PCT/US2019/043784)
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[30] US (16/153,414) 2018-10-05

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[51] **Int.Cl. G01P 13/00 (2006.01) A61B 3/113 (2006.01) A61B 5/0476 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **WEARABLE COMPUTING APPARATUS WITH MOVEMENT SENSORS AND METHODS THEREFOR**
[54] **APPAREIL INFORMATIQUE VESTIMENTAIRE DOTE DE CAPTEURS DE MOUVEMENT ET PROCEDES ASSOCIES**
[72] MOFFAT, GRAEME DANIEL, CA
[72] AIMONE, CHRISTOPHER ALLEN, CA
[72] JACOB BANVILLE, HUBERT, CA
[72] PROULX, NICOLE HELENE, CA
[71] INTERAXON INC., CA
[85] 2020-07-03
[86] 2019-01-04 (PCT/CA2019/050008)
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[30] US (62/613,891) 2018-01-05

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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01)**
[25] EN
[54] **CENTRALIZED AUTHENTICATION AND AUTHORIZATION**
[54] **AUTHENTIFICATION ET AUTORISATION CENTRALISEES**
[72] FEUTZ, KEVIN, US
[72] GOLOVINSKY, EUGENE, US
[72] KESELMAN, GLEB, US
[72] LEVY, VARAN, US
[72] SHEFFER, YARON, US
[71] INTUIT INC., US
[85] 2020-07-02
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[30] US (16/177,466) 2018-11-01

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[25] EN
[54] **DIFFRACTIVE DISPLAY ELEMENT WITH GRATING MIRROR**
[54] **ELEMENT D'AFFICHAGE DIFFRACTIF A MIROIR DE RESEAU**
[72] OLKKONEN, JUUSO, FI
[72] MYOHANEN, PETRI, FI
[71] DISPELIX OY, FI
[85] 2020-07-03
[86] 2019-01-30 (PCT/FI2019/050065)
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[25] EN
[54] **DESCRIPTIVE MEMORY**
[54] **DISPOSITIF DE NETTOYAGE DE FILETS POUR AQUACULTURE**
[72] MIRANDA, MANUEL, CL
[71] MIRANDA, MANUEL, CL
[85] 2020-07-03
[86] 2019-01-04 (PCT/CL2019/050003)
[87] (WO2019/134055)
[30] CL (34-2018) 2018-01-05

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[25] EN
[54] **COMBINED CRUSHING GRANULATION DRIER**
[54] **SECHOIR A GRANULATION PAR BROYAGE COMBINE**
[72] ZHANG, YUANCAI, CN
[71] ZHANG, YUANCAI, CN
[85] 2020-07-03
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[54] **BATTERIE A ACCUMULATEURS COMMUTES**
[72] THOMAS, REMY, FR
[72] BACQUET, SYLVAIN, FR
[72] CASSARINO, LEANDRO, FR
[72] DESPESSE, GHISLAIN, FR
[72] FERNANDEZ, ERIC, FR
[72] LOPEZ, YAN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **METHOD FOR ALLOCATING IDENTIFIER OF DATA BEARER, AND NETWORK NODE AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE D'ATTRIBUTION D'IDENTIFIANT DE SUPPORT DE DONNEES, ET N□UD DE RESEAU ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] SHI, CONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **DISQUE DE COUPE POUR FONCAGE VERTICAL**
[72] XIAO, WEI, CN
[72] YANG, TIANREN, CN
[72] FENG, LIN, CN
[72] LV, DAN, CN
[72] SHI, WEI, CN
[72] ZHOU, QIAN, CN
[72] YANG, JUHUI, CN
[72] YAN, YANGYI, CN
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[54] **RESPONSE INFORMATION PROCESSING METHOD, DEVICE AND STORAGE MEDIUM**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS DE REPONSE, DISPOSITIF ET SUPPORT DE STOCKAGE**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **AGENCEMENT DE DILATATEUR DE PUPILLE DE SORTIE DIFFRACTIF POUR APPLICATIONS D'AFFICHAGE**
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[71] DISPELIX OY, FI
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[54] **METHOD FOR TRANSMITTING DATA IN INTERNET OF VEHICLES, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES DANS L'INTERNET DES VEHICULES, DISPOSITIF TERMINAL ET DISPOSITIF RESEAU**
[72] TANG, HAI, CN
[72] LIN, HUEI-MING, AU
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **LIPOSOMAL NANOCARRIER DELIVERY SYSTEM FOR TARGETING ACTIVE CD44 MOLECULE, PREPARATION METHOD THEREFOR, AND USES THEREOF**
[54] **SYSTEME DE DISTRIBUTION DE NANOVECTEUR DE TYPE LIPOSOME DESTINE A CIBLER UNE MOLECULE CD44 ACTIVE, SON PROCEDE DE PREPARATION ET SES APPLICATIONS**
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[72] SUN, JIEFANG, CN
[71] BEIJING INNO MEDICINE CO., LTD, CN
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[25] EN
[54] **CATALYST AND METHOD FOR PREPARING LIGHT OLEFIN USING DIRECT CONVERSION OF SYNGAS**
[54] **CATALYSEUR ET PROCEDE POUR LA CONVERSION DIRECTE DE GAZ DE SYNTHESE EN OLEFINES A FAIBLE TENEUR EN CARBONE**
[72] PAN, XIULIAN, CN
[72] JIAO, FENG, CN
[72] BAO, XINHE, CN
[72] LI, NA, CN
[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN
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[54] **WAVEGUIDE ELEMENT AND WAVEGUIDE STACK FOR DISPLAY APPLICATIONS**
[54] **ELEMENT DE GUIDE D'ONDES ET EMPILEMENT DE GUIDES D'ONDES POUR APPLICATIONS D'AFFICHAGE**
[72] BLOMSTEDT, KASIMIR, FI
[72] OLKKONEN, JUUSO, FI
[71] DISPELIX OY, FI
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[54] **CATALYSEUR COMPOSITE MODIFIE PAR UNE BASE ORGANIQUE ET PROCEDE DE PREPARATION D'ETHYLENE PAR HYDROGENATION DE MONOXYDE DE CARBONE**
[72] PAN, XIULIAN, CN
[72] JIAO, FENG, CN
[72] BAO, XINHE, CN
[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN
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[54] **APPAREIL A SONDE ET LAME DEPLOYABLES ET PROCEDES D'UTILISATION**
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[71] GOWSKI, WILLIAM F., US
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] WADA, TAKASHI, JP
[72] KUSUNOKI, KENJI, JP
[71] ASAHI GROUP HOLDINGS, LTD., JP
[71] ASAHI BREWERIES, LTD., JP
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[72] BUX, TAZEEM, US
[71] NEW YORK SOCIETY FOR THE RUPTURED AND CRIPPLED MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY, US
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[54] **SKIN CARE COMPOSITION FOR THE PERISTOMAL REGION**
[54] **COMPOSITION DE SOIN DE LA PEAU POUR LA REGION PERISTOMALE**
[72] GALLEGO, MONICA RAMOS, DK
[72] OVERGAARD, ANNE KATHRINE KATTENHOJ SLOTH, DK
[72] MORSE, ADMIRA, DK
[71] COLOPLAST A/S, DK
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[72] UMEDA, HIROMASA, JP
[72] ANDOU, KEI, JP
[71] NTT DOCOMO, INC., JP
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[54] **CORRECTION DE DECALAGE DOPPLER DANS UN RESEAU TRIDIMENSIONNEL**
[72] KONISHI, MITSUKUNI, JP
[72] NAGATE, ATSUSHI, JP
[72] OTA, YOSHICHIKA, JP
[72] HOSHINO, KENJI, JP
[71] SOFTBANK CORP., JP
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[54] **DISTRIBUTEUR DE BOISSON ET BOUCHON DE RECIPIENT**
[72] LAMBRECHT, GREGORY, US
[72] RIDER, MICHAEL, US
[72] DERUNTZ, OTTO, US
[71] CORAVIN, INC., US
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[54] **MECHANISM FOR TRANSFORMING RECIPROCAL TO ROTATIONAL MOTION OR VICE VERSA, AND MECHANISM APPLICATIONS**
[54] **MECANISME DE TRANSFORMATION D'UN MOUVEMENT DE VA-ET-VIENT EN MOUVEMENT ROTATIF OU VICE VERSA, ET APPLICATIONS DUDIT MECANISME**
[72] GEORGITZIKIS, GEORGIOS, GR
[71] GEORGITZIKIS, VASILIOS, GR
[71] GEORGITZIKI, ELPIDA, GR
[71] GEORGITZIKI, ANNA, GR
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[54] **TRAITEMENT DE LA PROGRESSION DE LA MYOPIE**
[72] BURR, RANDON MICHAEL, US
[72] AMBATI, BALAMURALI K., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] **MAIN DE ROBOT**
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[72] UEDA, TAKASHI, JP
[71] JAPAN CASH MACHINE CO., LTD., JP
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[54] **SELF-ASSEMBLING DIAGNOSTIC ARRAY PLATFORM**
[54] **PLATEFORME DE PUCES DE DIAGNOSTIC D'AUTO-ASSEMBLAGE**
[72] BOHANNON, ROBERT, US
[72] STUART, MARK, US
[72] ROBSON, DAVID, CH
[72] FARRELL, EDWARD, CH
[72] HENDERSON, LYNDA, CH
[72] MCOWEN, NATHAN, US
[72] BOHANNON, SEVEN, US
[71] QUOTIENT SUISSE SA, CH
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[54] **PRODUIT ALIMENTAIRE CONTRE LA DIFFICULTE DE MASTICATION OU DE DEGLUTITION**
[72] BAREWAL, REVA, US
[72] MASONI, SARAH, US
[72] BALL, JASON, US
[71] TASTE FOR LIFE, LLC, US
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[54] **ROBOT HAND AND CONVEYING DEVICE**
[54] **MAIN DE ROBOT ET DISPOSITIF DE TRANSPORT**
[72] UEMIZO, YOSHIAKI, JP
[72] UEDA, TAKASHI, JP
[71] JAPAN CASH MACHINE CO., LTD., JP
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[25] EN
[54] **CAMP RECEPTOR PROTEIN VARIANT AND METHOD OF PRODUCING L-AMINO ACID USING THE SAME**
[54] **MUTANT DE PROTEINE DU RECEPTEUR CAMP ET PROCEDE DE PREPARATION D'ACIDE L-AMINE L'UTILISANT**
[72] LEE, SEOK MYUNG, KR
[72] CHEONG, KI YONG, KR
[72] SEO, CHANG IL, KR
[72] LEE, JI SUN, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **SYNERGISTIC CANCER TREATMENT**
[54] **TRAITEMENT SYNERGIQUE DU CANCER**
[72] SANTI, DANIEL V., US
[72] FONTAINE, SHAUN, US
[71] PROLYNX LLC, US
[85] 2020-07-03
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[54] **METHODS AND COMPOSITIONS FOR TREATING CHRONIC RHINOSINUSITIS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE RHINOSINUSITE CHRONIQUE**
[72] PRESTWICH, GLENN D., US
[72] PULSIPHER, ABIGAIL, US
[72] KENNEDY, THOMAS P., US
[72] ALT, JEREMIAH ANDREW, US
[71] GLYCOMIRA THERAPEUTICS, INC., US
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[54] **CENTRALIZED MODEL FOR LENDING RISK MANAGEMENT SYSTEM**
[54] **MODELE CENTRALISE POUR SYSTEME DE GESTION DE RISQUE DE CREDIT**
[72] WAY, STEVE, US
[72] MORALES, BEN, US
[72] TINSLEY, HEIDI, US
[72] BAUMGARTNER, MARK, US
[71] QCASH FINANCIAL, LLC, US
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[30] US (15/861,659) 2018-01-03
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[54] **PUSH-PULL BOOT CONNECTOR FOR FIBER OPTIC CABLES**
[54] **CONNECTEUR POUSSER-TIRER DE DEMARRAGE POUR CABLES A FIBRES OPTIQUES**
[72] DAVIDSON, ARAN JAMES RUSSELL, US
[72] RAVEN, ASHER LEONG, US
[71] AFL IG LLC, US
[85] 2020-07-03
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[54] **CABLE MOUNTING CLAMPS**
[54] **PINCE DE MONTAGE DE CABLES**
[72] BALL, SHIRLEY, US
[72] COURCHAINE, WILFRED J., US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2020-07-03
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[72] TSUJIMOTO, HIROFUMI, JP
[71] NITTA CORPORATION, JP
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[54]
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[72] NEGRYCH, LAUREL M., CA
[72] CHAU, DAMON, CA
[72] YIN, JUNFEI, CA
[72] JAGER, SCOTT J., CA
[72] CHERWONOGRODZKY, JOHN W., CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA
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[72] YITZHAK, HAMUTAL, IL
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[54] **METHODE ET SYSTEME DE FABRICATION D'ENCRE A NANOPARTICULES PZT FONDE SUR UN CAPTEUR PIEZOELECTRIQUE**
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[72] JOHNSTON, SCOTT ROBERT, US
[72] SHEN, I-YEU, US
[72] CAO, GUOZHONG, US
[72] HUANG, HSIEN-LIN, US
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[72] HIGUCHI, YOSHINOBU, JP
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[54] **DISPOSITIF, PROGRAMME ET PROCEDE DE TRANSFERT/ACCUMULATION DE FONDS FRACTIONNAIRES**
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[72] HIGUCHI, YOSHINOBU, JP
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[54] **DISPOSITIF, PROGRAMME ET PROCEDE DE TRANSFERT/ACCUMULATION DE FONDS FRACTIONNAIRES**
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[72] TANAKA, TATSUO, JP
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[54] **DISPOSITIF, PROGRAMME ET PROCEDE DE TRANSFERT/ACCUMULATION DE FONDS FRACTIONNAIRES**
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[72] HUDDART, BRETT JOHN, NZ
[72] ADAMS, MATTHEW JAMES, NZ
[72] HOBSON, NICHOLAS ALEXANDER, NZ
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[72] SMITH, ALAN, US
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[72] COLE, ERIC V., US
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[54] **APPAREIL ET PROCEDES DE PREPARATION, DE REACTION ET DE DETECTION INTEGREES D'ECHANTILLON**
[72] BIRD, DYLAN HILMER, US
[72] CHING, JESUS, US
[72] JOHNSON, BRUCE A., US
[72] MORAVICK, KEITH E., US
[72] RICHARDSON, BRUCE, US
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[72] CAMPBELL, JOHN CLAYTON, US
[72] SCHMIDT, MICHAEL JAMES, US
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[54] **METHODE DE COVOITURAGE SELECTIF PARMI DES USAGERS MULTIPLES LE LONG D'UNE ROUTE DE VOYAGE OPTIMISEE**
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[72] LEWINSON, SHARON, CA
[71] RIDESHARK CORPORATION, CA
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[72] HWANG, SUNG-HEE, KR
[72] OH, YOUNG-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] BARABELL, ARTHUR J., US
[72] SANDBERG, STUART, US
[71] AIRVANA LP, US
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[72] RITZBERGER, CHRISTIAN, CH
[72] BRODKIN, DMITRI, US
[72] AJMAL, KHAN, US
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[72] UNGER, EVAN, US
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[72] COLENBRANDER, GERHARDUS WILLEM, NL
[72] PLOEMEN, INGMAR HUBERTUS JOSEPHINA, NL
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[72] GLIBETIC, STEFAN, CA
[72] KUCHINSKIY, NIKITA, CA
[72] KERMANI, MEHRDAD, CA
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[72] SMITH, ROBERT, US
[72] DEDECKER, PAUL, US
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[54] **CONTROLEUR DE GRILL ELECTRIQUE AMOVIBLE DOTE D'UN DISPOSITIF D'INSTALLATION**
[72] SCHMESKI, KEVIN JAMES, US
[71] WEBER-STEPHEN PRODUCTS LLC, US
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[54] **PROCEDE DE TRAITEMENT D'INTERACTION D'INFORMATIONS, ET TERMINAL ET SYSTEME ASSOCIES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[22] 2015-06-30
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[54] **SYSTEME ET PROCEDE DE REDUCTION DE BRUIT DE ROTATION DANS UN DISPOSITIF DE DETECTION DE COUPLE MAGNETOELASTIQUE**
[72] MORAN, TIMOTHY J., US
[72] URSETTA, FRANK, US
[71] METHODE ELECTRONICS, INC., US
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[54] **MUTATED PROTOPORPHYRINOGEN IX OXIDASE (PPX) GENES**
[54] **GENES DE LA PROTOPORPHYRINOGENE IX OXYDASE (PPX) MUTES**
[72] GOCAL, GREGORY F.W., US
[72] BEETHAM, PETER R., US
[72] DE SCHOPKE, AURA, US
[72] DUMM, SARAH, US
[72] PEARCE, JAMES, US
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[72] WALKER, KEITH A., US
[71] CIBUS US LLC, US
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[54] **RADIO ACCESS NETWORKS**
[54] **RESEAUX D'ACCES RADIO**
[72] EYUBOGLU, VEDAT, US
[72] BARABELL, ARTHUR J., US
[72] SANDBERG, STUART, US
[71] AIRVANA LP, US
[22] 2014-02-06
[41] 2014-08-14
[62] 2,938,949
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[54] **SYSTEME DE GENERATION, STOCKAGE ET GESTION D'ENERGIE**
[72] CRAWFORD, NEIL, CA
[71] CRAWFORD, NEIL, CA
[22] 2019-04-24
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[54] **LIQUID TO LIQUID BIOLOGICAL PARTICLE CONCENTRATOR WITH DISPOSABLE FLUID PATH**
[54] **CONCENTRATEUR DE PARTICULES BIOLOGIQUES LIQUIDE A LIQUIDE A TRAJET DE FLUIDE JETABLE**
[72] PAGE, ANDREW EDWARD, US
[72] PACKINGHAM, ZACHARY A., US
[72] ALBURTY, DAVID SCOTT, US
[72] ADOLPHSON, ALEC D., US
[71] INNOVAPREP LLC, US
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[54] **BLOOD TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEST SANGUIN**
[72] GORIN, MICHAEL M., US
[72] MCCLUSKEY, CORY LEE, US
[72] SCHWAIGER, HUBERT MARTIN, CH
[72] HILLMAN, ROBERT, US
[71] CA CASYSO GMBH, CH
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[54] **CONFIGURATIONS AND METHODS FOR RETROFITTING AN NGL RECOVERY PLANT**
[54] **CONFIGURATIONS ET PROCEDES DE REHABILITATION THERMIQUE D'INSTALLATION DE RECUPERATION DE LGN**
[72] MAK, JOHN, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR GENERATING A PERSISTING POPULATION OF T CELLS USEFUL FOR THE TREATMENT OF CANCER**
[54] **TOPICOMPOSITIONS ET PROCEDES POUR PRODUIRE UNE POPULATION DE LYMPHOCYTES T TENACES UTILES DANS LE TRAITEMENT DU CANCER**
[72] FRIGAULT, MATTHEW J., US
[72] JUNE, CARL H., US
[72] SCHOLLER, JOHN, US
[72] ZHAO, YANGBING, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **METHODS FOR ISOLATING MICROVESICLES AND EXTRACTING NUCLEIC ACIDS FROM BIOLOGICAL SAMPLES**
[54] **PROCEDES POUR ISOLER DES MICROVESICULES ET EXTRAIRE DES ACIDES NUCLEIQUES A PARTIR D'ECHANTILLONS BIOLOGIQUES**
[72] SKOG, JOHAN KARL OLOV, US
[72] ENDERLE, DANIEL, US
[72] RAMACHANDRAN, APARNA, US
[72] YAN, HAOHENG, US
[72] BERGHOFF, EMILY, US
[72] WEI, TAI-FEN, US
[72] NOERHOLM, MIKKEL, US
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[54] **MULTI-CHANNEL DELIVERY PLATFORM**
[54] **PLATE-FORME DE DISTRIBUTION MULTICANAL**
[72] BOUZID, AHMED TEWFIK, US
[72] KUMAR, PRAPHUL, US
[72] MATEER, MICHAEL T., US
[72] RENNYSON, DAVID JAMES, US
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[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR ET PROCEDE POUR GENERER UNE PARITE ADDITIONNELLE POUR CELUI-CI**
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHOD, APPARATUS, AND SYSTEM FOR OCCUPANCY SENSING**
[54] **PROCEDE, APPAREIL ET SYSTEME DE DETECTION DE PRESENCE**
[72] CHEMEL, BRIAN, US
[72] PIEPGRAS, COLIN, US
[72] MORGAN, FREDERICK, US
[71] DIGITAL LUMENS INCORPORATED, US
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[54] **TRANSPOSITION HARMONIQUE AMELIOREE DE PRODUIT D'INTERMODULATION**
[72] VILLEMOES, LARS, SE
[72] HEDELIN, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
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[54] **LITHIUM-ION SECONDARY BATTERY AND METHOD OF PRODUCING SAME**
[54] **BATTERIE RECHARGEABLE AU LITHIUM-ION ET SON PROCEDE DE PRODUCTION**
[72] FRECHETTE, JOEL, CA
[72] GUERFI, ABDELBAST, CA
[72] BARRAY, FRANCIS, CA
[72] NAKAGAWA, JUN, JP
[72] SAWAI, TAKEHIKO, JP
[72] SAITO, SHINJI, JP
[72] URAO, KAZUNORI, JP
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
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[54] **APPAREIL POUR LE NETTOYAGE DE SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[54] **PROCEDE D'OBTENTION DE PARAMETRE DE QUANTIFICATION**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[71] INFOBRIDGE PTE. LTD., SG
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[54] **INTERFACE COMPRISING A NASAL SEALING PORTION**
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[72] BEARNE, PETER DAVID ALEXANDER, NZ
[72] PATEL, ROHEET, NZ
[72] MIDDELKOOP, KRISTIN ELIZABETH, NZ
[72] COX, MICHAEL JOHN HENRI, NZ
[72] MASHAL, FADI, NZ
[72] OLSEN, GREGORY JAMES, NZ
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[72] STEPHENSON, MATTHEW ROGER, NZ
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[54] **CELLULES DEFICIENTES EN HLA DE CLASSE II, CELLULES DEFICIENTES EN HLA DE CLASSE I APTES A EXPRIMER DES PROTEINES DE HLA DE CLASSE II, ET LEURS UTILISATIONS**
[72] RUSSELL, DAVID W., US
[72] HIRATA, ROLI K., US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
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[54] **AMELIORATION DE LA COGNITION EN PRESENCE DE DISTRACTION ET/OU D'INTERRUPTION**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **COMPOSITION POUR L'EXTERIEUR DE LA PEAU COMPRENANT DE L'ACIDE 2-O-ALPHA D-GLUCOSYL-L-ASCORBIQUE POUR FAVORISER LE RENOUVELLEMENT DE LAPEAU**
[72] ISHIHARA, TATSUYA, JP
[72] MIYAKE, AKIKO, JP
[72] MIYAKE, MASAKI, JP
[72] SHIBUYA, TAKASHI, JP
[72] WAKE, HITOMI, JP
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[54] **SYSTEME DE DEFENSE CONTRE LES DRONES**
[72] ZIEMBA, LINDA J., US
[72] ZIEMBA, DENNIS J., US
[72] SINATRA, TAYLOR J., US
[72] GAO, ZIANG, US
[71] DRONE GO HOME, LLC, US
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[54] **STAPLED AND STITCHED POLYPEPTIDES AND USES THEREOF**
[54]
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[72] HILINSKI, GERARD, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **OZONE DISTRIBUTION IN A FAUCET**
[54] **DISTRIBUTION D'OZONE DANS UN ROBINET**
[72] ROSKO, MICHAEL SCOT, US
[72] JONTE, PATRICK B., US
[72] DEVRIES, ADAM M., US
[72] THOMAS, KURT JUDSON, US
[72] SAWASKI, JOEL D., US
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[54] **TREATMENT OF CIRCADIAN RHYTHM DISORDERS**
[54] **TRAITEMENT DE TROUBLES DU RYTHME CIRCADIEN**
[72] DRESSMAN, MARLENE MICHELLE, US
[72] FEENEY, JOHN JOSEPH, US
[72] LICAMELE, LOUIS WILLIAM, US
[72] POLYMEROPOULOS, MIHEAL H., US
[71] VANDA PHARMACEUTICALS INC., US
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[30] US (61/650,455) 2012-05-22
[30] US (61/650,458) 2012-05-22
[30] US (61/714,149) 2012-10-15
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[54] **SYSTEME ET PROCEDE DE TEST SANGUIN**
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[72] BRANTL, CHRISTIAN, DE
[72] WITTMANN, JOHANNES, DE
[71] CA CASYSO GMBH, CH
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[62] 2,990,573
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[54] **METHOD, SYSTEM AND USER INTERFACE FOR CREATING AND DISPLAYING OF PRESENTATIONS**
[54] **PROCEDE, SYSTEME ET INTERFACE UTILISATEUR POUR CREER ET AFFICHER DES PRESENTATIONS**
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[71] SCHOLARBOX, INC., US
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[72] ERNESAKS, ANITA, CA
[71] CANADIAN NATIONAL RAILWAY COMPANY, CA
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[54] **SYSTEMES ET PROCEDES D'APPORT DE MEDIA SUR DEMANDE**
[72] THOMAS, WILLIAM L., US
[72] ELLIS, MICHAEL D., US
[72] BEREZOWSKI, DAVID M., US
[72] EASTERBROOK, KEVIN B., US
[72] BAUMGARTNER, JOSEPH P., US
[71] ROVI GUIDES, INC., US
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[25] EN
[54] **EVIDENCE COLLECTOR WITH INTEGRAL QUANTIFIED REAGENTS AND METHOD OF MODULATING SPECIMEN DRYING TIME**
[54] **COLLECTEUR DE PREUVES POSSEDANT DES REACTIFS QUANTIFIES INTEGRES ET PROCEDE DE MODULATION DU TEMPS DE SECHAGE DES ECHANTILLONS**
[72] SANGHA, JANGBIR S., US
[71] THE BODE TECHNOLOGY GROUP, INC, US
[22] 2011-02-28
[41] 2011-09-01
[62] 2,791,619
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[54] **EMETTEUR, ET PROCEDE DE GENERATION DE BITS DE PARITE SUPPLEMENTAIRES CORRESPONDANT**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2016-02-15
[41] 2016-08-18
[62] 2,975,077
[30] US (62/115,810) 2015-02-13
[30] US (62/120,543) 2015-02-25
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[25] EN
[54] **PROTEIN IN WHICH ELECTROSTATIC INTERACTION IS INTRODUCED WITHIN HYDROPHOBIC INTERACTION SITE AND PREPARATION METHOD THEREOF**
[54] **PROTEINE DANS LAQUELLE UNE INTERACTION ELECTROSTATIQUE EST INTRODUITE SUR UN SITE D'INTERACTION HYDROPHOBE ET METHODE DE PREPARATION ASSOCIEE**
[72] KIM, HOEON, KR
[71] IBENTRUS, INC., KR
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[54] **APPAREIL ET SYSTEME DE CONTROLE**
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[71] IMPRENDITORE PTY LIMITED, AU
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