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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
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,886,463

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 :

2,886,463

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 (Rule 58) **$800**

* 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 (Règle 58) **800 $**

* 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

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property 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.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, 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

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

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

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, 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

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner 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 ne satisfaisant pas aux 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 devrait toujours être présenté 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 paiements.

1.1 Designated Establishments

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 following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. 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

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. 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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) 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

3. 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

4. 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

5. 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

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

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

3. 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

4. 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

5. 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

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

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

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(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

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.

établissements ou des bureaux désignés auquels 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 livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé℠ et Xpresspost℠ de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

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, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) 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 Trade-marks, the Copyright 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 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

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

Correspondence delivered 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 open for business.

2. Correspondance électronique

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, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du 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 ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

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 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

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

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 a document by facsimile 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.

Patents

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

2.1 Correspondance par télécopieur

La correspondance par télécopieur 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 aux numéros ci-dessous :

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

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 ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi 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'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

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.

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

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.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des 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

of patent agents; and
- ordering copies in paper, or electronic form of a document.

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 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by 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;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- 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,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

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

Droits d'auteur

Aux fins 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. Pour ce faire, il faut accéder 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 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.

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 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents 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

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder 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

Aux fins 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. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

2.3 Supports électroniques

Brevets

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

application itself or amendment(s) thereof.

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 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.

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.

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

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

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

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 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 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.

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 de ces 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.

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

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. 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 one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

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

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. 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 présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- 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
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- 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
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

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

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or 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, 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.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé 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 sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits 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.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le 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.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada 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. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

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.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, 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.

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.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

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.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

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 on our service interruptions as they become available and as circumstances permit.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

7. Procedures when CIPO is open for business 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 for business 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 Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks 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 of $125 may be required in certain cases.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, 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 cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

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

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

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 prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation 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 de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

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
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 14, 2019 contains applications open to public inspection from April 28, 2019 to May 4, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 14 mai 2019 contient les demandes disponibles au public pour consultation pour la période du 28 avril 2019 au 4 mai 2019.

16. Erratum

The information concerning application number 3,023,773 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of November 9th, 2018 was incorrect. Please note that no application is open to public inspection under this number.

16. Erratum

Les renseignements concernant la demande 3,023,773 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 9 novembre 2018 sont inexactes. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

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Brevets canadiens délivrés

14 mai 2019

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[54] **HIN-1, A TUMOR SUPPRESSOR GENE**
[54] **HIN-1, GENE SUPPRESSEUR DE TUMEUR**
[72] PORTER, DALE, US
[72] POLYAK, KORNELIA, US
[72] SGROI, DENNIS, US
[72] KROP, IAN, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[85] 2003-08-20
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[30] US (60/270,973) 2001-02-23
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[51] **Int.Cl. B60P 3/34 (2006.01)**
[25] EN
[54] **SLIDABLE ROOM ASSEMBLY AND METHOD OF INSTALLATION**
[54] **COMPARTIMENT COULISSANT ET METHODE D'INSTALLATION**
[72] FEW, JEFFREY P., US
[72] GARCEAU, BERNARD F., US
[72] HOWIE, MARK D., US
[72] SMITH, JAMES D., JR., US
[73] NORCO INDUSTRIES, INC., US
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[87] (2488352)
[22] 2004-11-25
[30] US (10/723,649) 2003-11-26

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[51] **Int.Cl. A61K 38/22 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **A METHOD OF INDUCING MELANOGENESIS IN HUMANS WITH MC1R VARIANT ALLELES**
[54] **PROCEDE PERMETTANT D'INDUIRE LA MELANOGENESE CHEZ DES SUJETS HUMAINS AU MOYEN D'ALLELES VARIANTS DU MC1R**
[72] HUMPHREY, STUART MICHAEL, AU
[73] CLINUVEL PHARMACEUTICALS LIMITED, AU
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[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **REPRESENTING NEW MESSAGES ON A COMMUNICATION DEVICE**
[54] **PRESENTATION DE NOUVEAUX MESSAGES SUR UN DISPOSITIF DE COMMUNICATION**
[72] HARDY, MICHAEL THOMAS, CA
[72] ZINN, R. SCOTTE, CA
[72] KLASSEN, GERHARD DIETRICH, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
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[54] **SONDE OPTIQUE D'APPORT DE LUMIERE**
[72] ROSE, ANDREAS, US
[72] HERR, GUENTER, DE
[72] RIDGE, JOE, US
[72] JOHNSTON, KYLE, US
[73] ONDINE INTERNATIONAL LTD., BB
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[86] 2006-04-11 (PCT/US2006/013380)
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[54] **MILK INGREDIENT ENRICHED IN POLAR LIPIDS AND USES THEREOF**
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[72] DALEMANS, DANIEL, BE
[72] BLECKER, CHRISTOPHE, BE
[72] BODSON, PASCAL, BE
[72] DANTHINE, SABINE, BE
[72] DEROANNE, CLAUDE, BE
[72] PAQUOT, MICHEL, BE
[73] S.A. CORMAN, BE
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[54] **PRESENTING MEDIA GUIDANCE SEARCH RESULTS BASED ON RELEVANCY**
[54] **PRESENTATION DE RESULTATS DE RECHERCHE DE GUIDAGE MULTIMEDIA SUR LA BASE DE LA PERTINENCE**
[72] BILLMAIER, DAVID, US
[72] STARKENBURG, MICHAEL ROSS, US
[73] ROVI GUIDES, INC., US
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[51] **Int.Cl. G06F 17/18 (2006.01)**
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[54] **SYSTEM AND METHOD FOR MEASURING THE QUALITY OF DOCUMENT SETS**
[54] **SYSTEME ET PROCEDE DESTINES A MESURER LA QUALITE D'ENSEMBLES DE DOCUMENTS**
[72] TUNKELANG, DANIEL, US
[72] WANG, JOYCE JEANPIN, US
[72] ZELEVINSKY, VLADIMIR, US
[72] KAPELL, JOSHUA WILLIAM, US
[72] WEHNER, PAUL ALEXANDER, US
[72] SHEU, HERNG ALBERT, US
[73] ORACLE OTC SUBSIDIARY LLC, US
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[25] EN
[54] **STRUCTURAL INSULATED PANELS WITH A RIGID FOAM CORE AND WITHOUT THERMAL BRIDGING**
[54] **PANNEAUX STRUCTURELS ISOLES DOTES D'UNE AME EN MOUSSE RIGIDE ET SANS PONT THERMIQUE**
[72] MILLER, KENNETH, ANDREW, US
[73] KNAPP, MICHELE, US
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[51] **Int.Cl. C07K 16/42 (2006.01)**
[25] EN
[54] **SINGLE-DOMAIN ANTIGEN-BINDING PROTEINS THAT BIND MAMMALIAN IGG**
[54] **PROTEINES DE LIAISON D'ANTIGENE A UN SEUL DOMAINE QUI SE LIENT A UN IGG DE MAMMIFERE**
[72] HERMANS, WILHELMUS JOSEPHUS JOHANNA, NL
[72] BEZEMER, SANDRA, NL
[72] MIJNSBERGEN, YVONNE MATHALIE, NL
[73] BAC IP B.V., NL
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[54] **MATERIAL AND/OR FUEL PRODUCED FROM BIOMASS**
[54] **MATERIAU ET/OU COMBUISTIBLE PRODUIT A PARTIR DE BIOMASSE**
[72] PEUS, DOMINIK, DE
[73] ANTACOR LTD., MT
[85] 2010-06-25
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[87] (WO2008/081407)
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[51] **Int.Cl. C22C 19/05 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **NICKEL-BASED SUPERALLOY, MECHANICAL COMPONENT MADE OF THE ABOVE MENTIONED SUPERALLOY, PIECE OF TURBOMACHINERY WHICH INCLUDES THE ABOVE MENTIONED COMPONENT AND RELATED METHODS**
[54] **SUPERALLIAGE A BASE DE NICKEL, ELEMENT MECANIQUE PRODUIT AU MOYEN DUDIT SUPREALLIAGE, PIECE POUR TURBOMACHINE COMPRENANT LEDIT ELEMENT ET METHODES CONNEXES**
[72] INNOCENTI, MARCO, IT
[72] MARESCA, PASQUALE, IT
[72] TASSA, ORIANA, IT
[72] CAROSI, ANDREA, IT
[72] GIAMBI, BARBARA, IT
[72] TESTANI, CLAUDIO, IT
[73] NUOVO PIGNONE S.P.A., IT
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[22] 2010-07-28
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[25] EN
[54] **GRAPHIC REPRESENTATIONS OF DATA RELATIONSHIPS**
[54] **REPRESENTATIONS GRAPHIQUES DE RELATIONS DE DONNEES**
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[73] AB INITIO TECHNOLOGY LLC, US
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[25] EN
[54] **HUMAN CARDIOVASCULAR PROGENITOR CELLS**
[54] **CELLULES PROGENITRICES CARDIO-VASCULAIRES HUMAINES**
[72] YANG, LEI, US
[72] KATTMAN, STEVEN, CA
[72] KELLER, GORDON, CA
[73] MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY, US
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[51] **Int.Cl. H01M 10/42 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **LEADLESS STARTING ACCUMULATOR BATTERY, PROCESSING METHOD AND ITS USE, PARTICULARLY FOR COMBUSTION ENGINES AND MOTOR VEHICLES**
[54] **BATTERIE D'ACCUMULATEURS DE DEMARRAGE SANS PLOMB, PROCEDE DE TRAITEMENT ET SON UTILISATION, EN PARTICULIER POUR LES MOTEURS A COMBUSTION ET LES VEHICULES A MOTEUR**
[72] WENDEL, SOREN, CZ
[72] BIZA, VLADIMIR, CZ
[73] KINITOLO CONSULTING LIMITED, CY
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[51] **Int.Cl. C12N 9/72 (2006.01) A61K 38/49 (2006.01)**
[25] EN
[54] **TPA MUTANT IN THE TREATMENT OF ACUTE BRAIN INJURY AND NEURODEGENERATIVE DISORDERS**
[54] **MUTANT DU TPA UTILISE DANS LE TRAITEMENT DES LESIONS CEREBRALES AIGUES ET DES AFFECTIONS NEURODEGENERATIVES**
[72] HIGAZI, ABD, IL
[72] HIJAZI, NUHA, IL
[73] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LTD., IL
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[51] **Int.Cl. B22F 3/105 (2006.01) B23K 26/342 (2014.01) B29C 64/153 (2017.01)**
[25] EN
[54] **MANUFACTURING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FABRICATION**
[72] SCOTT, SIMON PETER, GB
[73] RENISHAW PLC, GB
[85] 2011-01-17
[86] 2009-07-20 (PCT/GB2009/001797)
[87] (WO2010/007394)
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[25] EN
[54] **METHOD OF MAKING FIBROUS PRODUCTS AND PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS FIBREUX ET PRODUITS FIBREUX**
[72] MIELE, PHILIP FRANCIS, US
[72] GRANGER, MARK ALLAN, US
[73] JOHNS MANVILLE, US
[86] (2731721)
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[22] 2011-02-15
[30] US (12/706,926) 2010-02-17

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[13] C
[51] **Int.Cl. A61L 31/12 (2006.01) A61F 2/02 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **DEVICE FOR SOFT TISSUE REPAIR OR REPLACEMENT**
[54] **DISPOSITIF POUR LA REPARATION OU LE REMPLACEMENT DE TISSUS MOUS**
[72] BRUNELLE, JOHN, US
[72] WEINSTEIN, AL, US
[73] SYNOVIS ORTHOPEDIC AND WOUNDCARE, INC., US
[85] 2011-03-02
[86] 2009-09-04 (PCT/US2009/055965)
[87] (WO2010/028197)
[30] US (12/205,260) 2008-09-05

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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61B 8/00 (2006.01) A61G 99/00 (2006.01)**
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[54] **METHOD AND SYSTEM FOR GUIDING CLINICIANS IN REAL TIME**
[54] **PROCEDE ET SYSTEME DE GUIDAGE EN TEMPS REEL POUR CLINICIENS**
[72] MILLS, DAVID MARTIN, US
[72] DENTINGER, AARON MARK, US
[72] MACKIN, MICHAEL HENRY, US
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2736647)
[22] 2011-04-07
[30] US (12/766,334) 2010-04-23

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[13] C
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **PORTABLE COMPUTER UNIFIED TOP CASE**
[54] **BOITIER SUPERIEUR UNIFIE D'ORDINATEUR PORTABLE**
[72] THEOBALD, MATTHEW, US
[72] IVE, JONATHAN P., US
[72] ANDRE, BARTLY K., US
[72] STRINGER, CHRISTOPHER, US
[72] COSTER, DANIEL J., US
[72] RAFF, JOHN, US
[72] HOPKINSON, RON, US
[72] BROCK, JOHN, US
[72] LIGTENBERG, CHRIS, US
[72] GOLDBERG, MICHELLE RAE, US
[73] APPLE INC., US
[85] 2011-04-01
[86] 2009-10-12 (PCT/US2009/060395)
[87] (WO2010/045161)
[30] US (61/105,035) 2008-10-13
[30] US (12/353,242) 2009-01-13

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[51] **Int.Cl. B25F 1/04 (2006.01) B26B 1/04 (2006.01) B26B 11/00 (2006.01) B67B 7/04 (2006.01) B67B 7/44 (2006.01)**
[25] EN
[54] **LOCKABLE FOLDING MULTI-TOOL**
[54] **OUTIL POLYVALENT PLIABLE ET VERROUILLABLE**
[72] TSAI, KEVIN, TW
[72] PELLETIER, THOMAS, US
[73] STANLEY BLACK & DECKER, INC., US
[86] (2742156)
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[22] 2011-05-31
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[51] **Int.Cl. E21B 3/00 (2006.01) E21B 7/00 (2006.01) E21B 10/43 (2006.01) E21B 10/55 (2006.01)**
[25] EN
[54] **MULTILEVEL FORCE BALANCED DOWNHOLE DRILLING TOOLS AND METHODS**
[54] **OUTILS DE FORAGE DE FOND DE TROU A EQUILIBRAGE DE FORCES MULTINIVEAU ET PROCEDES**
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2011-06-03
[86] 2009-12-09 (PCT/US2009/067263)
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[30] US (61/121,723) 2008-12-11
[30] US (61/174,769) 2009-05-01

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[13] C
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **AN OPTIMIZED AERODYNAMIC PROFILE FOR A TURBINE VANE, IN PARTICULAR FOR A NOZZLE OF THE FOURTH STAGE OF A TURBINE**
[54] **PROFIL AERODYNAMIQUE OPTIMISE POUR UNE AUBE MOBILE DE TURBINE, EN PARTICULIER POUR UNE TUYERE DU QUATRIEME ETAGE D'UNE TURBINE**
[72] GIRARD, PATRICK, FR
[72] KUENY, OLIVIER, FR
[72] MARTET, RENAUD, FR
[72] ROYAN, RENAUD, FR
[73] SNECMA, FR
[86] (2746882)
[87] (2746882)
[22] 2011-07-15
[30] US (61/367,676) 2010-07-26

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[13] C
[51] **Int.Cl. A61M 5/31 (2006.01) A61B 50/30 (2016.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01) B65D 83/02 (2006.01) B65D 85/24 (2006.01)**
[25] EN
[54] **ATTACHABLE NEEDLE CHANGING DEVICE FOR MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF DE REMPLACEMENT D'AIGUILLE AMOVIBLE POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**
[72] BRUEHWILER, MICHEL, US
[72] CONSTANTINEAU, COLE, US
[72] SCHOONMAKER, RYAN, US
[72] TAYLOR, MARGARET, US
[72] BATES, JAMES, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2748784)
[87] (2748784)
[22] 2011-08-12
[30] US (61/344,535) 2010-08-16
[30] US (13/206,469) 2011-08-09

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[13] C
[51] **Int.Cl. F01D 5/06 (2006.01) F01D 1/04 (2006.01) F01K 25/14 (2006.01) F01K 27/00 (2006.01) F02C 1/00 (2006.01) F02C 3/107 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GEARED AXIAL MULTISTAGE EXPANDER DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR ELARGISSEUR AXIAL A ETAGES MULTIPLES A ENGRENAGES AXIAL**
[72] D'ERCOLE, MICHELE, IT
[72] BILLI, SIMONE, IT
[72] DELLA GATTA, STEFANIA, IT
[73] NUOVO PIGNONE S.P.A., IT
[86] (2749481)
[87] (2749481)
[22] 2011-08-18
[30] IT (CO2010A000046) 2010-08-27

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[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **RECOMBINANT MONOVALENT ANTIBODIES**
[54] **ANTICORPS MONOVALENTS RECOMBINANTS**
[72] VANHOVE, BERNARD, FR
[72] MARY, CAROLINE, FR
[72] COULON, FLORA, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] OSE IMMUNOTHERAPEUTICS, FR
[85] 2011-07-13
[86] 2010-01-13 (PCT/IB2010/000196)
[87] (WO2010/082136)
[30] EP (09290029.9) 2009-01-14

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[13] C
[51] **Int.Cl. B29C 64/277 (2017.01) B29C 64/106 (2017.01) B41J 2/45 (2006.01)**
[25] EN
[54] **ILLUMINATION SYSTEM FOR USE IN A STEREOLITHOGRAPHY APPARATUS**
[54] **SYSTEME D'ECLAIRAGE DESTINE A ETRE UTILISE DANS UN APPAREIL DE STEREO-LITHOGRAPHIE**
[72] VAES, MARK HERMAN ELSE, NL
[72] MAALDERINK, HERMAN HENDRIKUS, NL
[72] VERMEER, ADRIANUS JOHANNES PETRUS MARIA, NL
[72] JAMAR, JACOBUS HUBERTUS THEODOOR, NL
[72] LOMMEN, ANTONIUS HUBERTUS JOANNES GERARDUS, NL
[72] RIJFERS, ANDRIES, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2011-07-22
[86] 2010-01-29 (PCT/NL2010/050043)
[87] (WO2010/087708)
[30] EP (09151794.6) 2009-01-30

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[13] C
[51] **Int.Cl. H04N 19/60 (2014.01) H04N 19/63 (2014.01)**
[25] EN
[54] **ENCODING METHOD, ENCODING DEVICE, AND ENCODING PROGRAM FOR ENCODING INTERLACED IMAGE**
[54] **PROCEDE, DISPOSITIF ET PROGRAMME DE CODAGE POUR CODER UNE IMAGE ENTRELACEE**
[72] TAKADA, YOUSUKE, JP
[73] GVBB HOLDINGS S.A.R.L., LU
[85] 2011-02-28
[86] 2008-08-29 (PCT/JP2008/066022)
[87] (WO2010/023769)

[11] **2,757,010**
[13] C
[51] **Int.Cl. F25D 23/12 (2006.01) F25C 5/182 (2018.01) F25C 1/24 (2018.01) F25D 11/02 (2006.01)**
[25] EN
[54] **ICE MAKER FOR DISPENSING SOFT ICE AND RELATED REFRIGERATION APPLIANCE**
[54] **MACHINE A GLACONS SERVANT A DISTRIBUER DE LA GLACE MOLLE ET ELECTROMENAGER DE REFRIGERATION CONNEXE**
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[72] KRAUSE, ANDREW REINHARD, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[73] BCR ENVIRONMENTAL CORPORATION, US
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[54] **IMAGERIE A FAIBLE BRUIT AVEC HORLOGE ANALOGIQUE**
[72] DAIGLE, OLIVIER, CA
[73] PHOTON ETC. INC., CA
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[72] MASTERMAN, THOMAS, US
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[73] XYLECO, INC., US
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[54] **ROTOR DE MELANGE AYANT DES AUBES EN FORME DE CANAL**
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[72] REICH, CARY J., US
[72] BOYD, STEPHEN, US
[72] SIERRA, DAVID, US
[72] ALEJANDRO, JOSE D., US
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[72] ZHOU, LUJIA, BE
[72] ANNAERT, WIM, BE
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[54] **POULIE DE FLECHE MUNIE D'ELEMENTS DE RENFORT TUBULAIRES**
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[72] POWERS, WILLIAM R., US
[73] JOY GLOBAL SURFACE MINING INC, US
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[54] **SYSTEME ET METHODE DE RETABLISSEMENT DYNAMIQUE DE LA TENSION**
[72] PAMULAPARTHY, BALAKRISHNA, IN
[72] GOLI, VISWESH, IN
[72] SHARMA, MANISHKUMAR RAMCHANDRA, IN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **RECUPERATEUR DE MOTEUR A TURBINE A GAZ A ARTICULATION FLOTTANTE**
[72] ELEFTHERIOU, ANDREAS, CA
[72] MENHEERE, DAVID, CA
[72] ALECU, DANIEL T., CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **CENTRALISATION DU ROTOR POUR ENSEMBLE MOTEUR A TURBINE**
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[72] SMITH, SCOTT WALKER, CA
[72] MARSHALL, LAWRENCE, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHODE DE PRODUCTION D'HYDROXYDE DE SODIUM A PARTIR D'UN EFFLUENT DE PRODUCTION DE PULPE FIBREUSE**
[72] PITKANEN, MAIJA, FI
[73] M-REAL OYJ, FI
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[54] **VECTEURS LENTIVIRAUX PSEUDOTYPES AVEC UNE GLYCOPROTEINE D'ENVELOPPE DE VIRUS SINDBIS**
[72] ALLEN, JAMES M., US
[72] VAN HOEVEN, NEAL S., US
[72] LI, JIN ZHONG, US
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[72] DUBENSKY, THOMAS W., JR., US
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[54] **PRODUITS ABSORBANTS EN FEUILLES ET METHODE POUR PLIER CEUX-CI**
[72] MRVICA, MATE, CA
[72] COMEAU, NATHALIE, CA
[72] LEROUX, SERGE, CA
[72] RINGUETTE, GINO, CA
[72] VISNEPOLSCHI, SVETLANA, US
[72] PROSEANIC, VLADIMIR, US
[73] CASCADES CANADA ULC, CA
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[54] **POWER LINE PROXIMITY MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DU VOISINAGE D'UNE LIGNE DE TRANSPORT D'ENERGIE**
[72] VAN KAMPEN, LEO, CA
[72] DIMOPOULOS, WILLIAM, CA
[72] SOOD, SANJAY, CA
[72] PARR, ROBERT, CA
[73] ATLAS POLAR COMPANY LIMITED, CA
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[54] **SYSTEMES ET METHODES PERMETTANT LA SYNCHRONISATION DE COMMUTATION DANS UN RESEAU DE DISTRIBUTION D'ENERGIE**
[72] MCMULLIN, DALE ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHODES ET SYSTEMES DE SURVEILLANCE DU FONCTIONNEMENT D'EQUIPEMENTS**
[72] HAYNES, LEON ERICSON, US
[72] TACKETT, CHARLES EDGAR, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] MILLER, DANIEL J., US
[73] RIEDELL SHOES, INC., US
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[54] **METHODES ET SYSTEMES D'ETALONNAGE DES MESURES DE COURANT SUR UNE GENERATRICE ELECTROCHIRURGICALE**
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[73] TYCO HEALTHCARE GROUP, LP, CA
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[73] VRIJE UNIVERSITEIT BRUSSEL, BE
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[54] **PROCEDE DE CONTROLE DE LA DECELERATION AU SOL D'UN VEHICULE**
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[73] AIRBUS OPERATIONS, FR
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[72] GOULD, JAMES, US
[72] ESSAWI, TARIK, US
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[72] VEERAMACHANI, SRIKANTH, US
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[73] CELAVIE BIOSCIENCES, LLC, US
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[54] **COMPOSES DE BENZOIMIDAZOLE ET UTILISATIONS DE CEUX-CI**
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[72] LUO, XUEHONG, CA
[72] TOMASZEWSKI, MIROSLAW JERZY, CA
[73] NEOMED INSTITUTE, CA
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[73] SMI S.P.A., IT
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[72] PONS, FREDERIC MICHEL-JEAN, FR
[72] FONTAINE, SEBASTIEN WILLY, LU
[72] DELU, JEROME MARCEL GERMAIN, LU
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[54] **GENE DRO1 CONTROLANT LES CARACTERISTIQUES D'ENRACINEMENT PROFOND DE PLANTES ET UTILISATION DE CELLES-CI**
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[73] NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION, JP
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[54] **ENSEMBLE DE JOINT ETANCHE AU GAZ POUR MOTEUR ROTATIF A COMBUSTION INTERNE**
[72] GEKHT, EUGENE, CA
[72] THOMASSIN, JEAN, CA
[72] GAGNON-MARTIN, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **DISPOSITIF DE PREVENTION DE DECHARGES DISRUPTIVES POUR LES TRAVERSEES HAUTE TENSION**
[72] KO, CHUNGDUCK, US
[72] ZHANG, SHIBAO, US
[72] WEATHERBEE, ERIC RALPH, US
[72] MCNULTY, ANDREW VICTOR, US
[72] CIRKOVIC, KATA, US
[73] HUBBELL INCORPORATED, US
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[72] PERLROTH, D. VICTOR, US
[72] CLIZBE, LANE A., US
[72] BENOIT, DIDIER G., US
[72] TO, WAYNE, US
[73] KODIAK SCIENCES INC., US
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[73] METTLER-TOLEDO SAFELINE LTD., GB
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[54] **INHIBITEURS DE FLAVIVIRUS**
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[72] CHONG, LEE S., US
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] DOERFFLER, EDWARD, US
[72] LAZERWITH, SCOTT E., US
[72] LEW, WILLARD, US
[72] MERTZMAN, MICHAEL, US
[72] MORGANELLI, PHILIP ANTHONY, US
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[54] **SYSTEME ET PROCEDE POUR DELIVRER EFFICACEMENT DES RAYONS A PARTIR D'UNE SOURCE DE LUMIERE AFIN DE CREER UNE IMAGE**
[72] TILLEMAN, MICHAEL M., US
[72] WOLFE, RICHARD S., US
[73] ELBIT SYSTEMS OF AMERICA, LLC, US
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[54] **PROCEDE ET SYSTEME POUR LA DECOUVERTE ET LE RAPPORT DE STATUT TRANSPARENT POUR DES RESEAUX DE CAPTEURS**
[72] ALICOT, JORGE F., US
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[73] SENSORMATIC ELECTRONICS LLC, US
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[54] **POROUS MEDIUM SENSOR**
[72] CARON, JEAN, CA
[72] BELLEAU, DANIEL, CA
[72] BOUDREAU, JOCELYN, CA
[72] ROCHETTE, SEBASTIEN, CA
[73] HORTAU INC., CA
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[54] **ARRAY OF MICROMOLDED STRUCTURES FOR SORTING ADHERENT CELLS**
[54] **RESEAU DE STRUCTURES MICROMOULEES POUR TRIER DES CELLULES ADHERENTES**
[72] ALLBRITTON, NANCY, US
[72] SIMS, CHRISTOPHER, US
[72] WANG, YULI, US
[73] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2012-08-14
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[54] **INHIBITOR OF MACROPHAGE SCAVENGER RECEPTOR 1 (MSR1) FOR THE TREATMENT OF AUTOIMMUNE DEMYELINATING DISEASES**
[54] **INHIBITEUR DE RECEPTEUR 1 DE RAVAGEUR MACROPHAGE (MSR1) DESTINE AU TRAITEMENT DE MALADIES DEMYELINISANTES AUTIMMUNES**
[72] LATOV, NORMAN, US
[72] LEE, GRACE, US
[73] CORNELL UNIVERSITY, US
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[54] **SUPPORT OF REMOVABLE COMPONENTS IN A TEETH MODEL MANUFACTURED BY MEANS OF CAM**
[54] **SUPPORT D'ELEMENTS AMOVIBLES DANS UN MODELE DE DENTS OBTENU PAR FABRICATION ASSISTEE PAR ORDINATEUR (CAM)**
[72] GILLES, BRIEUC, DK
[72] FISCHER, DAVID, DK
[72] LANG, MORTEN MARKUSSEN, DK
[72] FISKER, RUNE, DK
[72] NONBOE, SVEN, DK
[72] TOFTHOEJ, STEEN FROST, DK
[73] 3SHAPE A/S, DK
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[25] EN
[54] **SPRING BIASED BASE WITH OFFSET PIVOT POINT**
[54] **BASE A RESSORT DE RAPPEL AVEC POINT DE PIVOT DECACLE**
[72] MORENO, JAIME, US
[73] ROBERT BOSCH GMBH, DE
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[54] **LOCKOUT FORWARD FLIP LEVER FOR POWER SAW**
[54] **LEVIER DE VERROUILLAGE A BASCULEMENT VERS L'AVANT POUR SCIE ELECTRIQUE**
[72] MORENO, JAIME, US
[73] ROBERT BOSCH GMBH, DE
[86] (2790976)
[87] (2790976)
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[54] **BASE LEVER WITH RELEASE STOP AND LOCK STOP**
[54] **LEVIER DE BASE AVEC BUTEE DE DECLENCHEMENT ET BUTEE DE VERROUILLAGE**
[72] MORENO, JAIME, US
[73] ROBERT BOSCH GMBH, DE
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[54] **CROSSLINKED POLYVINYLAMINE, POLYALLYLAMINE, AND POLYETHYLENEIMINE FOR USE AS BILE ACID SEQUESTRANTS**
[54] **POLYVINYLAMINE, POLYALLYLAMINE ET POLYETHYLENEIMINE RETICULEES POUR L'UTILISATION COMME SEQUESTRANTS DE L'ACIDE BILIAIRE**
[72] KOPPING, JORDON, US
[72] BIYANI, KALPESH, US
[72] CONNOR, ERIC, US
[72] HECKER, SCOTT, US
[72] LEES, INEZ, US
[72] QUAKER, GRACE, US
[72] SALAYMEH, FALEH, US
[72] ZHANG, HONGMIN, US
[72] BERGBREITER, DAVID, US
[72] MANSKY, PAUL, US
[72] MU, YONGQI, US
[72] COPE, MICHAEL JAMES, US
[72] GOKA, ELIZABETH, US
[72] LEE, ANGELA, US
[72] MADSEN, DEIDRE, US
[72] SHAO, JUN, US
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[54] **SAW ASSEMBLY WITH PIVOT HINGE DUST PORT**
[54] **ENSEMBLE DE SCIE AVEC SORTIE DE POUSSIERE A CHARNIERE A PIVOT**
[72] MORENO, JAIME, US
[72] MCCRAY, LEROY, US
[73] ROBERT BOSCH GMBH, DE
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[54] **METHODS OF DIAGNOSING AND TREATING CANCER IN PATIENTS HAVING OR DEVELOPING RESISTANCE TO A FIRST CANCER THERAPY**
[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER CHEZ DES PATIENTS AYANT OU DEVELOPPANT UNE RESISTANCE A UNE PREMIERE THERAPIE ANTICANCEREUSE**
[72] GARRAWAY, LEVI A., US
[72] JOHANNESSEN, CORY M., US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] THE BROAD INSTITUTE, INC., US
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[54] **COMPOSITIONS D'HUILE LUBRIFIANTE**
[72] CANDIDO, GABRIELE, GB
[72] HARTLEY, JOSEPH PETER, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[87] (2791282)
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[54] **BASE AVEC SURFACE LATERALE BISEAUTEE**
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[73] ROBERT BOSCH GMBH, DE
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[54] **BIOLOGICAL MATERIALS RELATED TO HER3**
[54] **MATERIAUX BIOLOGIQUES ASSOCIES A HER3**
[72] KNUEHL, CHRISTINE, DE
[72] HOCK, BJOERN, DE
[72] HOFMEISTER, ROBERT, US
[72] BESTE, GERALD, BE
[72] REVETS, HILDE ADI PIERRETTE, BE
[72] VERDONCK, FRANK KAMIEL DELPHINA, BE
[72] CORNELIS, SIGRID GODELIEVE VICTOR, BE
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[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES CARDIO-VASCULAIRES**
[72] ROWE, JONATHAN, US
[73] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE
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[54] **COMPOSES 2,4-PYRIMIDINEDIAMINE ET LEURS PROMEDICAMENTS, ET LEURS UTILISATIONS**
[72] YU, JIAXIN, US
[72] CLOUGH, JEFFREY, US
[72] SINGH, RAJINDER, US
[73] RIGEL PHARMACEUTICALS, INC., US
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[54] **SCATTERED-PHOTON EXTRACTION-BASED LIGHT FIXTURES**
[54] **APPAREILS D'ECLAIRAGE BASES SUR UNE EXTRACTION DE PHOTONS DISPERSES**
[72] NARENDRAN, NADARAJAH, US
[72] GU, YIMIN, US
[72] FREYSSINIER, JEAN PAUL, US
[72] ZHU, YITING, US
[73] RENSSELAER POLYTECHNIC INSTITUTE, US
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[54] **POLYETHYLENE POLYMER COMPOSITION AND POWER CABLE WITH IMPROVED ELECTRICAL PROPERTIES**
[54] **COMPOSITION DE POLYMERE DE POLYETHYLENE ET CABLE D'ALIMENTATION AUX PROPRIETES ELECTRIQUES AMELIOREES**
[72] NILSSON, ULF, SE
[72] HAGSTRAND, PER-OLA, SE
[72] ENGLUND, VILLGOT, SE
[72] FARKAS, ANDREAS, SE
[72] RITUMS, JANIS, SE
[73] BOREALIS AG, AT
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[54] **METHOD FOR CALIBRATING AN ACTIVE ANTENNA**
[54] **METHODE D'ETALONNAGE D'UNE ANTENNE ACTIVE**
[72] CALMETTES, THIBAUD, FR
[72] RIES, LIONEL, FR
[72] MONNERAT, MICHEL, FR
[73] THALES, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES (CNES), FR
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[54] **MESURE DE DENSITE NON RADIOACTIVE POUR OPERATIONS SUR CHAMP PETROLIFERE**
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[72] HODGSON, KIM A., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **ANTICORPS ANTI-CD40**
[72] BARRETT, RACHEL, US
[72] BRODEUR, SCOTT, US
[72] CANADA, KEITH A., US
[72] LITZENBURGER, TOBIAS, DE
[72] SINGH, SANJAYA, US
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[25] EN
[54] **CARVACROL AND/OR THYMOL OR COMPOSITION THEREOF FOR PREVENTING OF INFECTION OR INFESTATION OF AN ECTOPARASITIC COPEPOD IN FISH**
[54] **CARVACROL ET/OU THYMOL OU COMPOSITION DE CEUX-CI DESTINES A LA PREVENTION D'UNE INFECTION OU D'UNE INFESTATION PAR UN COPEPODE ECTOPARASITE CHEZ LE POISSON**
[72] TRONCOSO KIRSTEN, JOSE MIGUEL, CL
[72] GONZALEZ FORETIC, NESTOR JAVIER, CL
[72] PINO MARAMBIO, JORGE EDUARDO, CL
[72] GONZALEZ VECINO, JOSE LUIS, NO
[72] EL-MOWAFI, ADEL, NO
[73] EWOS INNOVATION AS, NO
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[54] **PROCEDE POUR AMELIORER LA COMPATIBILITE D'UN JOINT EN ELASTOMERE FLUOROCARBONE**
[72] NELSON, KENNETH D., US
[72] YAMAGUCHI, ELAINE S., US
[72] NG, KAM-SIK, US
[72] ROGERS, PAULA S., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[25] EN
[54] **TRANSDERMALLY DELIVERABLE OPIOID PRODRUGS, ABUSE-RESISTANT COMPOSITIONS AND METHODS OF USING OPIOID PRODRUGS**
[54] **PRODROGUES OPIOIDES ADMINISTRABLES PAR VOIE TRANSDERMIQUE, COMPOSITIONS ANTI-ABUS ET METHODES D'UTILISATION DE PRODROGUES OPIOIDES**
[72] STINCHCOMB, AUDRA LYNN, US
[72] LI, GUOHUA, US
[72] BANKS, STAN LEE, US
[72] HOWARD, JEFFERY LYNN, US
[72] GOLINSKI, MIROSLAW JERZY, US
[73] ZYNERBA PHARMACEUTICALS, INC., US
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[25] EN
[54] **HEPATOCYTE PRODUCTION BY FORWARD PROGRAMMING**
[54] **PRODUCTION D'HEPATOCYTE PAR PROGRAMMATION AVANCEE**
[72] YU, JUNYING, US
[72] CHAU, FONGCHING KEVIN, US
[72] JIANG, JINLAN, US
[72] JIANG, YONG, US
[72] VODYANYK, MAKSYM A., US
[73] FUJIFILM CELLULAR DYNAMICS, INC., US
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[54] **IGM ANTIBODY PREPARATIONS**
[54] **PREPARATION D'ANTICORPS IGM**
[72] MOELLER, WOLFGANG, DE
[72] RUDNICK, DIETER, DE
[72] MANEG, OLIVER, DE
[72] RODEMER, MICHAEL, DE
[72] GERMER, MATTHIAS, DE
[72] BRAUN, VEIT, DE
[72] DICHTELMUELLER, HERBERT, DE
[72] FLECHSIG, ECKHARD, DE
[73] BIOTEST AG, DE
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[54] **ELEMENT D'ACTIONNEMENT**
[72] BOEHME, PERRY, DE
[73] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
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[54] **BOITIER TERMINAL**
[72] KAWANISHI, TAKAHIDE, JP
[73] HOSIDEN CORPORATION, JP
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[54] **PROCEDE DE DISTILLATION A LA CORNUE DE REFLUX DE CONVECTION DE CONDUCTION**
[72] BURNHAM, ALAN K., US
[72] DAY, ROGER L., US
[72] MCCONAGHY, JAMES R., US
[72] WALLMAN, P. HENRICK, US
[73] AMERICAN SHALE OIL, LLC, US
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[54] **AMPLIFICATION DE CONTENU A HAUTE FREQUENCE POUR SOURCE SISMIQUE VIBRATOIRE ET PROCEDE**
[72] SALLAS, JOHN J., FR
[73] CGGVERITAS SERVICES SA, FR
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[54] **METHOD AND RECORDED MEDIUM FOR PROVIDING 3D INFORMATION SERVICE**
[54] **PROCEDE ET SUPPORT ENREGISTRE POUR FOURNIR UN SERVICE D'INFORMATION 3D**
[72] PARK, JAE HWAN, KR
[72] CHOI, WOO JUNG, KR
[73] ALTICAST CORPORATION, KR
[86] (2800061)
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[72] KAWAWA, BARAKA, US
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[73] GPCP IP HOLDINGS LLC, US
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[73] MIDAS WEI TRADING CO., LTD., CN
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[72] GRANT, ALEXANDER JAMES, AU
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[54] **DERIVES DE BIPYRIDYL UTILES POUR LE TRAITEMENT DE MALADIES INDUITES PAR DES KINASES**
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[72] DORSCH, DIETER, DE
[72] JONCZYK, ALFRED, DE
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[72] BRONGER, RAYMOND, NL
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[73] TYCO ELECTRONICS CORPORATION, US
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[54] **PROCEDE ET DISPOSITIF DE PROTECTION DE RAIDISSEURS, AINSI QUE PANNEAU COMPOSITE CORRESPONDANT**
[72] FOURNIE, LUDOVIC, FR
[72] BLOT, PHILIPPE, FR
[72] BELLEIL, CEDRIC, FR
[72] LESOURNE, HERVE, FR
[72] LABORIE, JEAN-MICHEL, FR
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[72] CHARLET, EMILIE, FR
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[72] LAZAR, GREGORY A., US
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[73] DEFA AS AUTOMOTIVE DIVISION, NO
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[54] **COMBINAISONS D'AGONISTES DES RECEPTEURS BETA 3 ADRENERGIQUES ET D'ANTAGONISTES DES RECEPTEURS MUSCARINIQUES POUR TRAITER UNE VESSIE HYPERACTIVE**
[72] CALTABIANO, STEPHEN, US
[72] OHLSTEIN, ELIOT, US
[72] MCCALLUM, STEWART, US
[73] VELICEPT THERAPEUTICS, INC., US
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[54] **UTILISATION D'UNE COMPOSITION DE SALVIA MILTIORRHIZA POUR LA PREPARATION DE MEDICAMENTS POUR LA PREVENTION SECONDAIRE D'UNE MALADIE CORONARIENNE**
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[72] WU, NAIFENG, CN
[72] YAN, KAIJING, CN
[72] SUN, HE, CN
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[54] **PROCEDE POUR LA PREPARATION DE COMPOSITIONS DE CIMENT, DE MORTIER, DE BETON CONTENANT UNE CHARGE A BASE DE CARBONATE DE CALCIUM (PRE)-TRAITEE AVEC UN SUPERPLASTIFIANT, COMPOSITIONS ET PRODUITS DE CIMENT OBTENUS ET LEURS APPLICATIONS.**
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[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **COMPOSITIONS LIPIDISEES DE COMPOSES MODIFIANT LA REPONSE IMMUNITAIRE, FORMULATIONS ET PROCEDES ASSOCIES**
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] JAKOBSEN, CHRISTIAN, DK
[72] BANG, OLE, DK
[72] SORENSEN, SIMON TOFT, DK
[72] MOSELUND, PETER MORTEN, DK
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[54] **ARMOIRE REFRIGEREE**
[72] JESSIE, JEFFREY LYNN, US
[72] SHELDON, DAVID, US
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[54] **ANALYSE DE CLIVAGE EN TEMPS REEL**
[72] OLDHAM-HALTOM, REBECCA, US
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[72] DOMANICO, MICHAEL J., US
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[72] MATRUNICH, JAMES A., US
[73] ETHICON, INC., US
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[54] **TOUCHSCREEN KEYBOARD PROVIDING WORD PREDICTIONS IN PARTITIONS OF THE TOUCHSCREEN KEYBOARD IN PROXIMATE ASSOCIATION WITH CANDIDATE LETTERS**
[54] **CLAVIER TACTILE OFFRANT DES PREDICTIONS DE MOTS DANS DES PARTITIONS DU CLAVIER TACTILE EN ASSOCIATION IMMEDIATE AVEC DES LETTRES CANDIDATES**
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **THIXOTROPIC COMPOSITIONS**
[54] **COMPOSITIONS THIXOTROPES**
[72] MARANGONI, ALEJANDRO, CA
[73] COAVEL, INC., CA
[85] 2013-03-28
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[25] EN
[54] **ELASTOMER RUBBER WHICH DOES NOT USE SULFUR AND VULCANIZATION ACCELERATOR AND ELASTOMER RUBBER PRODUCT**
[54] **CAOUTCHOUC ELASTOMERE QUI N'EMPLOIE PAS DE SOUFRE ET D'ACCELERATEUR DE VULCANISATION, ET PRODUIT DE CAOUTCHOUC ELASTOMERE**
[72] KHOO, SIONG HUI, MY
[72] LIM, LAWRENCE SIAU TIAN, MY
[72] LEE, SEEK PING, MY
[72] ONG, ENG LONG, MY
[72] ENOMOTO, NORIHIDE, JP
[73] KOSSAN SDN BHD, MY
[73] MIDORI ANZEN CO., LTD, JP
[85] 2013-03-28
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[25] EN
[54] **QUICK RELEASE ASSEMBLY FOR AIRCRAFT LANDING GEAR**
[54] **ENSEMBLE A LIBERATION RAPIDE D'UN TRAIN D'ATTERRISSAGE D'AERONEF**
[72] O'CONNELL, CHARLES T., US
[73] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US
[85] 2013-04-09
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[54] **CONNECTOR FOR SUSPENDED METAL CEILING FRAMEWORK AND CEILING EMPLOYING SAME**
[54] **CONNECTEUR POUR OSSATURE METALLIQUE DE PLAFOND SUSPENDU ET PLAFOND L'UTILISANT**
[72] LILLETTE, MATTHIEU, FR
[72] RIGGI, PHILIPPE, FR
[72] TUROT, XAVIER, FR
[73] PLAFOMETAL, FR
[85] 2013-04-16
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[54] **HUMAN ANTIBODIES AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF FOR THE TREATMENT OF NEUROLOGICAL DISEASE**
[54] **ANTICORPS HUMAINS ET UTILISATIONS DIAGNOSTIQUES ET THERAPEUTIQUES DESDITS ANTICORPS POUR LE TRAITEMENT DE TROUBLE NEUROLOGIQUE**
[72] RODRIGUEZ, MOSES, US
[72] WARRINGTON, ARTHUR E., US
[72] PEASE, LARRY R., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2013-04-16
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[54] **ELECTRICAL KITCHEN APPLIANCE COMPRISING A PRESSING SCREW**
[54] **APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE COMPORTANT UNE VIS DE PRESSAGE**
[72] CHARLES, PATRICK, FR
[72] DOMINGUEZ, AUGUSTIN, FR
[73] SEB S.A., FR
[85] 2013-04-23
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[54] **TIRE UNIFORMITY TESTING SYSTEM**
[54] **SYSTEME DE VERIFICATION DE L'UNIFORMITE D'UN PNEU**
[72] WOLLBRINCK, JAMES, US
[72] MATUSZNY, RICHARD R., US
[72] CARGOULD, BARRY, US
[72] WILLIAMS, PETER, US
[73] MICRO-POISE MEASUREMENT SYSTEMS, LLC, US
[85] 2013-05-06
[86] 2011-11-22 (PCT/US2011/061852)
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[54] **AUTOMATED SYSTEMS AND METHODS FOR PREPARING BIOLOGICAL SPECIMENS FOR EXAMINATION**
[54] **SYSTEMES ET PROCEDES AUTOMATISES POUR PREPARER DES ECHANTILLONS BIOLOGIQUES A EXAMINER**
[72] LAPEN, DANIEL, US
[72] ZAHNISER, DAVID, US
[72] LICARI, MARK, US
[72] MCKEEN, BRIAN J., US
[72] YEATON, ERIC D., US
[72] POOLE, DENNIS, US
[73] ROCHE DIAGNOSTICS HEMATOLOGY, INC., US
[85] 2013-05-08
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[25] EN
[54] **IMPROVED ALUMINUM ALLOY POWER METAL WITH TRANSITION ELEMENTS**
[54] **METAL PULVERULENT D'ALLIAGE D'ALUMINIUM AMELIORE POURVU D' ELEMENTS DE TRANSITION**
[72] BISHOP, DONALD, PAUL, CA
[72] HEXEMER, RICHARD L., US
[72] DONALDSON, IAN WILLIAM, US
[72] COOKE, RANDY WILLIAM, CA
[73] GKN SINTER METALS, LLC, US
[85] 2013-05-09
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[54] **REINFORCED DISTRIBUTOR FOR POST-COMBUSTION LANCE**
[54] **DISTRIBUTEUR RENFORCE POUR LANCE DE POST-COMBUSTION**
[72] SMITH, TODD G., US
[73] BERRY METAL COMPANY, US
[85] 2013-05-10
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[25] EN
[54] **METHOD OF TREATING CONTRAST-INDUCED NEPHROPATHY**
[54] **PROCEDE DE TRAITEMENT D'UNE NEPHROPATHIE INDUITE PAR LES PRODUITS DE CONTRASTE**
[72] FOO, SHI YIN, US
[73] NOVARTIS AG, CH
[85] 2013-05-13
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[25] EN
[54] **METHOD FOR CLEANING DEPOSITS FROM AN ENGINE FUEL DELIVERY SYSTEM**
[54] **PROCEDE POUR LE NETTOYAGE DE DEPOTS PROVENANT D'UN SYSTEME DE DISTRIBUTION DE CARBURANT D'UN MOTEUR**
[72] SIMPSON-GREEN, FELICIA, US
[72] VAUDRIN, DAMON, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2013-05-15
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[54] **ACCESSORY FOR A HOCKEY GOALIE BLOCKER PAD**
[54] **ACCESSOIRE POUR BLOQUEUR DE GARDIEN DE BUT**
[72] MARCIANO, MARCO, CA
[73] MARCIANO, MARCO, CA
[86] (2818609)
[87] (2818609)
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[51] **Int.Cl. C09K 8/58 (2006.01)**
[25] FR
[54] **METHOD FOR THE ASSISTED RECOVERY OF HYDROCARBONS, INCLUDING OPTIMIZING THE INJECTION OF AN AQUEOUS CONDITIONING SOLUTION**
[54] **METHODE DE RECUPERATION ASSISTEE D'HYDROCARBURES COMPRENANT L'OPTIMISATION DE L'INJECTION D'UNE SOLUTION AQUEUSE DE CONDITIONNEMENT**
[72] BOURBIAUX, BERNARD, FR
[72] NGUYEN, QUANG LONG, FR
[73] IFP ENERGIES NOUVELLES, FR
[85] 2013-05-21
[86] 2011-11-24 (PCT/FR2011/000621)
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[54] **DRIVEN STARTER PUMP AND START SEQUENCE**
[54] **POMPE DE DEMARREUR ENTRAINEE ET SEQUENCE DE DEMARRAGE**
[72] HELD, TIMOTHY J., US
[72] VERMEERSCH, MICHAEL L., US
[72] XIE, TAO, US
[73] ECHOGEN POWER SYSTEMS, INC., US
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[54] **PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS**
[54] **COMPOSES ANTIMICROBIENS PROTEGES POUR DES APPLICATIONS A HAUTE TEMPERATURE**
[72] COBURN, CHARLES E., US
[72] ENZIEN, MICHAEL V., US
[72] MCGINLEY, HEATHER R., US
[72] MOORE, DAVID W., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **FLUID HANDLING ASSEMBLY HAVING A MULTILAYERED COMPOSITE PIPE EMPLOYING A MECHANICAL COUPLING AND METHOD OF ASSEMBLING THE FLUID HANDLING ASSEMBLY**
[54] **ENSEMBLE DE MANIPULATION DE FLUIDE QUI PRESENTE UN TUYAU COMPOSITE MULTICOUCHE UTILISANT UN COUPLAGE MECANIQUE ET PROCEDE D'ASSEMBLAGE DE L'ENSEMBLE DE MANIPULATION DE FLUIDE**
[72] DAUGHERTY, KEVIN B., US
[72] SILLASEN, KEVIN M., US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2013-06-05
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[25] EN
[54] **METHOD AND SYSTEM FOR TREATING WASTEWATER**
[54] **PROCEDE ET SYSTEME POUR TRAITER LES EAUX USEES**
[72] ERTEL, DANIEL, US
[72] MCMANUS, KENT, US
[72] RUSHING, JASON, US
[72] BOGDAN, JEREL, US
[73] EUREKA RESOURCES LLC, US
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[54] **COMPOSITION DE SOLVANT POUR LA RECUPERATION DE DIOXYDE DE CARBONE**
[72] BUMB, PRATEEK, IN
[73] CARBON CLEAN SOLUTIONS PVT. LTD., IN
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[54] **METHOD FOR PRODUCING CHEMICAL BY CONTINUOUS FERMENTATION**
[54] **PROCEDE POUR LA PRODUCTION DE PRODUIT CHIMIQUE PAR LA FERMENTATION EN CONTINU**
[72] KANAMORI, SATOKO, JP
[72] CHEON, JIHOON, JP
[72] TAKEUCHI, NORIHIRO, JP
[72] NISHIDA, MAKOTO, JP
[72] TANAKA, YUJI, JP
[72] MIMITSUKA, TAKASHI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **MEMBRANE ANIONIQUE BLOQUANT LES ACIDES**
[72] ZHENG, YONGCHANG, US
[72] BARBER, JOHN, US
[73] BL TECHNOLOGIES, INC., US
[85] 2013-06-11
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[25] EN
[54] **A STACK OF PLURALITY OF CELLULOSE-CONTAINING ABSORBENT TOWELS AND A PROCESS FOR MANUFACTURING THE STACK**
[54] **EMPILEMENT D'UNE PLURALITE DE SERVIETTES ABSORBANTES CONTENANT DE LA CELLULOSE ET PROCESSUS DE FABRICATION DE L'EMPILEMENT**
[72] FALK, MAGNUS, SE
[72] KLING, ROBERT, SE
[72] NELVIG, ANNA, SE
[72] WELANDER, FREDRIK, SE
[72] MOLLER, PER, SE
[72] BONNEVIER, MARTIN, SE
[72] ANDERSSON, ANDERS, SE
[73] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
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[54] **SOLID RETARD FORMULATIONS BASED ON SOLID DISPERSIONS**
[54] **FORMULATIONS RETARD SOLIDES A BASE DE DISPERSIONS SOLIDES**
[72] BERNDL, GUNTHER, DE
[72] WEIS, JUERGEN, DE
[72] GRANZOW, DIETRICH, DE
[72] LIEPOLD, BERND, DE
[72] LANDER, UTE, DE
[72] WESTEDT, ULRICH, DE
[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
[85] 2013-06-13
[86] 2011-12-22 (PCT/EP2011/073850)
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[25] EN
[54] **REACTOR AND PROCESS FOR CONTINUOUS POLYMERIZATION**
[54] **REACTEUR ET PROCEDE DE POLYMERISATION CONTINUE**
[72] KIRCHHOFF, JORG, DE
[72] RITTER, JOACHIM, DE
[72] LEIBERICH, RICARDA, DE
[72] PAUL, HANNS-INGOLF, DE
[72] FELLER, ROLF, DE
[72] WIESNER, UDO, BE
[72] WAGNER, PAUL, DE
[72] LOVEGROVE, JOHN, CA
[73] ARLANXEO DEUTSCHLAND GMBH, DE
[85] 2013-06-26
[86] 2011-12-29 (PCT/EP2011/074257)
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[30] EP (10197281.8) 2010-12-29

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[54] **HEAT PUMP SYSTEM HAVING A PRE-PROCESSING MODULE**
[54] **SYSTEME POMPE A CHALEUR POSSEDANT UN MODULE DE TRAITEMENT PREALABLE**
[72] GERBER, MANFRED, CA
[72] RONG, CAN WEN, CA
[73] NORTEK AIR SOLUTIONS CANADA, INC., CA
[85] 2013-06-28
[86] 2012-01-18 (PCT/CA2012/000055)
[87] (WO2012/097445)
[30] US (13/009,222) 2011-01-19
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[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR INFLATING AND DEFLATING BALLOON CATHETERS**
[54] **APPAREIL ET PROCEDES DE GONFLAGE ET DE DEGONFLAGE DE CATHETERS A BALLONNET**
[72] BAGAOISAN, CELSO J., US
[72] GONG, GLEN, US
[72] PAI, SURESH, US
[72] SERSHEN, SCOTT ROBERT, US
[73] SPOTLIGHT TECHNOLOGY PARTNERS LLC, US
[85] 2013-07-03
[86] 2012-01-04 (PCT/US2012/020201)
[87] (WO2012/094403)
[30] US (61/430,082) 2011-01-05

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[51] **Int.Cl. B60B 29/00 (2006.01) B60B 30/00 (2006.01) B60B 31/00 (2006.01) B62D 65/12 (2006.01)**
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[54] **VEHICLE WHEEL CHANGING METHOD**
[54] **PROCEDE DE CHANGEMENT DE ROUE DE VEHICULE**
[72] CALVI, JOHN, AU
[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2013-07-04
[86] 2012-01-12 (PCT/AU2012/000020)
[87] (WO2012/094706)
[30] AU (2011900085) 2011-01-12
[30] AU (2011900086) 2011-01-12
[30] AU (2011900087) 2011-01-12

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/026 (2006.01) G02B 27/48 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR NONINVASIVE DETERMINATION OF BLOOD FLOW DISTRIBUTION USING SPECKLE IMAGING TECHNIQUES AND HEMODYNAMIC MODELING**
[54] **METHODES, SYSTEMES ET PRODUITS DE PROGRAMME INFORMATIQUE DESTINES A LA DETERMINATION NON INVASIVE DE LA DISTRIBUTION DU FLUX SANGUIN AU MOYEN DE TECHNIQUES D'IMAGERIE INTERFEROMETRIQUE ET DE MODELISATION HEMODYNAMIQUE**
[72] FERGUSON, THOMAS BRUCE, JR., US
[72] HU, XIN-HUA, US
[72] CHEN, CHENG, US
[73] EAST CAROLINA UNIVERSITY, US
[85] 2013-07-08
[86] 2012-01-09 (PCT/US2012/020626)
[87] (WO2012/096878)
[30] US (61/431,161) 2011-01-10
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[25] EN
[54] **SURGICAL FIXTURE DEVICE COMPRISING QUICK-CHANGE FIXTURE PLATE FOR THE COMPRESSION ELEMENTS**
[54] **DISPOSITIF DE MAINTIEN POUR OPERATIONS COMPORTANT UNE PLAQUE DE MAINTIENA REMPLACEMENT RAPIDE POUR LES ELEMENTS DE COMPRESSION**
[72] NORAS, HUBERT, DE
[73] NORAS, HUBERT, DE
[85] 2013-07-15
[86] 2012-01-11 (PCT/DE2012/000016)
[87] (WO2012/095102)
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[72] KOENIG, XAVER, AT
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[72] ROSENQUIST, TOBIAS, SE
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[54] **APPAREIL ET PROCEDE POUR ACTIONNER DE MANIERE INDUCTIVE ET MAILLER DE MANIERE INDUCTIVE UN RAIL D'ARME A FEU**
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[72] CROCKER, GARY EDWARD, CA
[73] COLT CANADA IP HOLDING PARTNERSHIP, CA
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[54] **COMPOSITIONS DE CREME PHARMACEUTIQUE A BASE D'OXYMETAZOLINE POUR LE TRAITEMENT DES SYMPTOMES DE L'ACNE ROSACEE**
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[54] **DISPOSITIF DE FIXATION D'UN VITRAGE OUVRABLE PAR ROTATION, VITRAGE ET PROCEDE DE FABRICATION DU VITRAGE**
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[72] HRISTOV, KRASIMIRA, US
[72] GUO, JIANXIN, US
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[54] **SYSTEME D'ALARME SOCIAL ET METHODE DE SURVEILLANCE D'UNE UNITE DE DETECTION DE CHUTE DANS UN SYSTEME D'ALARME SOCIAL**
[72] VALLANCE, CLIVE J., GB
[72] FARRELL-SMITH, RICHARD J., GB
[73] TUNSTALL GROUP LIMITED, GB
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[72] BAUM, JANELLE MARIE, US
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[72] PRITCHETT, RAYMOND A., JR., US
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[72] ABELS, KENNETH, CA
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[72] ZURAWEL, PETER, CA
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[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[72] RECH, BRYAN, US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[54] **SYSTEME DE PANNEAUX SOLAIRES DE TOIT INTEGRES AVEC MICRO-INVERSEURS FIXES LATERALEMENT**
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[72] RAILKAR, SUDHIR, US
[72] BOSS, DANIEL E., US
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[72] TANG, FENG, US
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[72] WILDGOOSE, JASON LEE, GB
[73] MICROMASS UK LIMITED, GB
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[54] **L'UTILISATION DE N-(TETRAZOL-4-YL)- OU N-(TRIAZOL-3-YL)ARYLCARBOXAMIDES OU DE LEURS SELS POUR LUTTER CONTRE LES PLANTES INDESIRABLES DANS DES ZONES DE PLANTES CULTIVEES TRANSGENIQUES DEVELOPPANT UNE TOLERANCE AUX HERBICIDES INHIBITEURS DE LA HPPD**
[72] POREE, FABIEN, DE
[72] VAN ALMSICK, ANDREAS, DE
[72] BRAUN, RALF, DE
[72] LABER, BERND, DE
[72] HAIN, RUDIGER, DE
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[54] **WELDING SYSTEMS WITH MEANS FOR ADJUST AND DISPLAYING RANGES OF PARAMETERS FOR SETTING THE LATTER; METHOD OF SETTING SUCH WELDING PARAMETERS**
[54] **SYSTEMES DE SOUDAGE DOTES DE MOYENS PERMETTANT D'AJUSTER ET D'AFFICHER DES PLAGES DE PARAMETRES CONFIGURANT CES DERNIERS ET PROCEDE DE CONFIGURATION DE TELS PARAMETRES DE SOUDAGE**
[72] GRANATO, JOHN CARMEN, JR., US
[72] KNOENER, CRAIG STEVEN, US
[72] NOWAK, ALBERT MATTHEW, US
[72] PARKER, MEGAN KATHERINE, US
[72] ROMENESKO, BENJAMIN D., US
[72] STIEVER, JOSHUA THOMAS, US
[72] WOODWARD, RONALD DEWAYNE, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **CONVERTISSEUR D'ALIMENTATION MULTI-SOURCE**
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[72] MAGNE, PIERRE, CA
[73] MCMASTER UNIVERSITY, CA
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[54] **DISPOSITIFS ET SYSTEMES DE CONVERSION DE L'ENERGIE DES VAGUES ENTRAINES PAR TANGAGE**
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[73] OCEAN POWER TECHNOLOGIES, INC., US
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[25] EN
[54] **A FALL DETECTOR AND METHOD OF DETERMINING A FALL IN A SOCIAL ALARM SYSTEM**
[54] **DETECTEUR DE CHUTE ET PROCEDE POUR DETERMINER UNE CHUTE DANS UN SYSTEME D'ALARME SOCIAL**
[72] VALLANCE, CLIVE J., GB
[72] FARRELL-SMITH, RICHARD J., GB
[73] TUNSTALL GROUP LIMITED, GB
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[54] **METHOD OF OPERATING A DOWNHOLE TOOL**
[54] **METHODE D'UTILISATION D'UN OUTIL DE FOND DE TROU**
[72] LAZAREV, ALEXANDER A., US
[72] ODELL, ALBERT C., II, US
[72] MACLEOD, IAIN, GB
[72] RADUCANU, MARIUS, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2831496)
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[54] **A METHOD FOR PRODUCING A BINDER COMPOSITION, A BINDER COMPOSITION, AN ADHESIVE COMPOSITION, A LAYERED COMPOSITE STRUCTURE, AND USES OF THE BINDER COMPOSITION AND THE ADHESIVE COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DE LIANT, COMPOSITION DE LIANT, COMPOSITION ADHESIVE, STRUCTURE COMPOSITE FEUILLETEE ET UTILISATIONS DE LA COMPOSITION DE LIANT ET DE LA COMPOSITION ADHESIVE**
[72] VALKONEN, SANNA, DE
[73] UPM-KYMMENE CORPORATION, FI
[85] 2013-10-02
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[54] **APPARATUS AND METHODS FOR MULTIPHOTON MICROSCOPY**
[54] **APPAREIL ET PROCEDES DE MICROSCOPIE MULTIPHOTONIQUE**
[72] LEE, ANTHONY, CA
[72] LUI, HARVEY, CA
[72] MCLEAN, DAVID, CA
[72] TANG, SHUO, CA
[72] WANG , HEQUN, CA
[72] ZENG, HAISHAN, CA
[73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
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[54] **ELASTOMER FIBERS AND METHODS OF MAKING AND USING THEREOF**
[54] **FIBRES D'ELASTOMERE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] VEDULA, RAVI R., US
[72] LEE, MOUH-WAHNG, US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2013-10-02
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[54] **A GUARDRAIL**
[54] **RAIL DE PROTECTION**
[72] RAMSKOV, LASSE FOMSGAARD, DK
[73] LASSE RAMSKOV HOLDING APS, DK
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[54] **PACKET SCHEDULING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PLANIFICATION DE PAQUETS**
[72] LYNCH, TIMOTHY, US
[72] LAM, PETER, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-10-04
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[54] **METHODS FOR INHIBITING ALLOGRAFT REJECTION**
[54] **METHODES D'INHIBITION D'UN REJET D'ALLOGREFFE**
[72] TAYLOR, VANESSA, US
[72] MASUDA, ESTEBAN, US
[73] RIGEL PHARMACEUTICALS, INC., US
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[54] **FLUID INFUSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PERFUSION**
[72] BARNES, ERIK, US
[72] BUTTERFIELD, ROBERT DWAINE, US
[73] CAREFUSION 303, INC., US
[85] 2013-10-07
[86] 2012-04-23 (PCT/US2012/034718)
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[54] **SEGMENTED TRACK AND TRACK SEGMENT THEREFOR**
[54] **CHENILLE SEGMENTEE ET SEGMENT DE CHENILLE ASSOCIE**
[72] ST-PIERRE, YVES, CA
[72] MARCOTTE, TOMMY, CA
[72] BLOUIN, VINCENT, CA
[72] LUSSIER, ROMEO, CA
[72] LEBLANC, MARC-ANTOINE, CA
[72] ROY, DANNY, CA
[72] DUQUETTE, FRANCOIS, CA
[73] SOUCY INTERNATIONAL INC., CA
[85] 2013-10-09
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[54] **A PROCESS FOR THE MANUFACTURE OF PRODUCTS FROM CRUCIFEROUS CROPS**
[54] **PROCEDE DE FABRICATION DE PRODUITS A PARTIR DE CULTURES CRUCIFERES**
[72] ANDERSEN, KELD EJDRUP, DK
[72] BAGGER, CHRISTIAN, DK
[72] SORENSEN, HILMER, DK
[72] SORENSEN, JENS CHRISTIAN, DK
[73] KOBENHAVNS UNIVERSITET, DK
[73] FONDEN GRONT CENTER RAHAVEGARD, DK
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[25] EN
[54] **METHOD FOR ONLINE DETERMINATION OF CURE STATUS OF GLASS FIBER PRODUCTS**
[54] **PROCEDE DE DETERMINATION EN LIGNE D'ETAT DE DURCISSEMENT DE PRODUITS FIBREUX**
[72] YOUSEF, SAMER T., US
[72] PIETRO, MICHAEL D., US
[72] LI, WEI, US
[72] CARPINO, ELAINA M., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[25] EN
[54] **MALEIC ANHYDRIDE COPOLYMERS AS SOLUBLE SUPPORT MATERIAL FOR FUSED DEPOSITION MODELLING (FDM) PRINTER**
[54] **COPOLYMERES DE L'ANHYDRIDE MALEIQUE SERVANT DE MATERIAU SUPPORT SOLUBLE POUR IMPRIMANTE PAR MODELISATION PAR DEPOT DE FIL EN FUSION (FDM)**
[72] HERMES, FLORIAN, DE
[72] BERNHARDT, STEFAN, DE
[72] POPPE, DIRK, DE
[72] SCHMITT, GUNTER, DE
[72] PRIDOHL, MARKUS, DE
[72] LOHDEN, GERD, DE
[73] EVONIK ROHM GMBH, DE
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[54] **BUMPER ASSEMBLY AND METHOD**
[54] **ENSEMBLE PARE-CHOCS ET PROCEDE**
[72] FREUNDL, THOMAS JAMES, US
[72] MELLIS, JEFFERY JAY, US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2013-10-22
[86] 2012-06-26 (PCT/CA2012/000566)
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[54] **LAYER PROCESSING FOR PHARMACEUTICALS**
[54] **TRAITEMENT DE COUCHE POUR DES PRODUITS PHARMACEUTIQUES**
[72] TROUT, BERNHARDT LEVY, US
[72] HATTON, TREVOR ALAN, US
[72] CHANG, EMILY, US
[72] EVANS, JAMES M.B., US
[72] MASCIA, SALVATORE, US
[72] KIM, WON, KR
[72] SLAUGHTER, RYAN RICHARD, US
[72] DU, YI, US
[72] DHAMANKAR, HIMANSHU HEMANT, US
[72] FORWARD, KEITH M., US
[72] RUTLEDGE, GREGORY C., US
[72] WANG, MAO, US
[72] MYERSON, ALLAN STUART, US
[72] BRETTMANN, BLAIR KATHRYN, US
[72] PADHYE, NIKHIL, US
[72] CHUN, JUNG-HOON, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **SYSTEM FOR TREATMENT OF LICE, AND CORRESPONDING METHOD FOR TREATMENT OF LICE**
[54] **SYSTEME DE TRAITEMENT DES POUX, ET METHODE CORRESPONDANTE POUR LE TRAITEMENT DES POUX**
[72] ULRIKSEN, ULRIK, NO
[73] STEINSVIK AS, NO
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[54] **SKATE BOOT HAVING A TOE CAP WITH REAR EXTENSIONS**
[54] **BOTTE DE PATIN COMPORTANT UN BOUT DE TIGE A EXTENSIONS ARRIERE**
[72] LABONTE, IVAN, CA
[73] BAUER HOCKEY LTD., CA
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[87] (2834525)
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[25] EN
[54] **FGFR-FC FUSION PROTEIN AND USE THEREOF**
[54] **PROTEINE DE FUSION FGFR-FC ET SON UTILISATION**
[72] FANG, JIANMIN, CN
[72] LI, DONG, CN
[73] YANTAI RONGCHANG BIOTECHNOLOGIES CO., LTD., CN
[85] 2013-10-29
[86] 2012-05-18 (PCT/CN2012/075706)
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[54] **SUBSTITUTED INDOLE DERIVATIVES FOR THE TREATMENT OF IMMUNOLOGICAL DISORDERS**
[54] **DERIVES D'INDOLE SUBSTITUES DESTINES AU TRAITEMENT DE TROUBLES IMMUNOLOGIQUES**
[72] COOKE, NIGEL GRAHAM, CH
[72] RAMOS, RITA, CH
[72] KAMMERTOENS, KAREN, CH
[72] VAN EIS, MAURICE, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
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[54] **BIOCOMPATIBLE COMPONENT**
[54] **ELEMENT BIOCOMPATIBLE**
[72] AHLBERG, ELISABET, SE
[72] MATTISSON, INGELA, SE
[72] LOBERG, JOHANNA, SE
[73] DENTSPLY IH AB, SE
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[54] **ORTHODONTIC APPLIANCE WITH ENCODED INFORMATION FORMED IN THE BASE**
[54] **APPAREIL ORTHODONTIQUE AYANT DES INFORMATIONS CODEES FORMEES DANS LA BASE**
[72] DUPRAY, DENNIS J., US
[72] TRINH, NAM HOANG, US
[72] SMITH, JEFFREY ALLEN, US
[73] RMO, INC., US
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[54] **FOOD HYGIENE METHOD AND FOOD PRODUCT**
[54] **PROCEDE D'HYGIENE ALIMENTAIRE ET PRODUIT ALIMENTAIRE**
[72] HALL, JEREMY, GB
[72] NORMANTON, JOHN, GB
[73] BERNARD MATTHEWS FOODS LIMITED, GB
[85] 2013-11-25
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[54] **STORAGE AND SHIPPING BOX**
[54] **BOITE DE STOCKAGE ET DE TRANSPORT**
[72] LOPEZ MASAGUE, MANUEL, ES
[73] EMBALAJES CAPSA, S.L., ES
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[54] **SYSTEM AND METHOD FOR TRACEABILITY OF AN INSTRUMENTATION SYSTEM**
[54] **SYSTEME ET PROCEDE DE TRACABILITE D'UN SYSTEME D'INSTRUMENTATION CHIRURGICALE**
[72] DUMOUCHEL, PIERRE, FR
[73] SAFE ORTHOPAEDICS, FR
[85] 2013-11-29
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[51] **Int.Cl. B09B 3/00 (2006.01)**
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[54] **METHOD FOR AT LEAST PARTIALLY DECONSTRUCTING A FLAT DISPLAY SCREEN**
[54] **PROCEDE DE DECONSTRUCTION AU MOINS PARTIELLE D'UN ECRAN PLAT DE VISUALISATION**
[72] SANGLIER, CHRISTOPHE, FR
[72] BODEVIN, ERIC, FR
[72] DOYEN, OLIVIER, FR
[72] FERNANDES, PAULO, FR
[73] VEOLIA PROPRETE, FR
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[54] **MULTI-LAYERED FOIL BODY**
[54] **CORPS DE FILM MULTICOUCHE**
[72] STAHL, RAINER, DE
[72] TOMPKIN, WAYNE ROBERT, CH
[72] WALTER, HARALD, CH
[73] LEONHARD KURZ STIFTUNG & CO. KG, DE
[73] OVD KINEGRAM AG, CH
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[54] **FOUR DE ROTISSAGE**
[72] WILLETT, PAUL EATON, AU
[73] TECHNOBAKE PTY LTD, AU
[85] 2013-12-10
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[54] **LIQUIDE IONIQUE**
[72] MASUDA, GEN, JP
[73] NISSHINBO HOLDINGS INC., JP
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[54] **PEGYLATED ANALOGUES OF EXENDIN-4**
[54] **ANALOGUES PEGYLATES D'EXENDINE 4**
[72] LEE, SUNG KWON, KR
[72] KIM, WON BAE, KR
[72] LEE, SEULKI, KR
[72] KIM, TAE HYUNG, KR
[73] D&D PHARMATECH INC., KR
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[30] KR (10-2011-0062858) 2011-06-28

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[25] EN
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[54] **JAMBIERES DE GARDIEN DE BUT**
[72] MACKEY, LEE, CA
[72] HARVEY, GUILLAUME, CA
[72] DU RUISSEAU, ALEXANDRE, CA
[73] BAUER HOCKEY LTD., CA
[86] (2839893)
[87] (2839893)
[22] 2014-01-15
[30] US (61/794,504) 2013-03-15

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[51] **Int.Cl. B65D 51/20 (2006.01)**
[25] EN
[54] **SEALING MEMBER WITH REMOVABLE PORTION FOR EXPOSING AND FORMING A DISPENSING FEATURE**
[54] **ELEMENT D'ETANCHEITE A PARTIE AMOVIBLE POUR EXPOSER ET FORMER UN ACCESSOIRE DE DISTRIBUTION**
[72] THORSTENSEN-WOLL, ROBERT WILLIAM, CA
[72] BRUCKER, STEVEN A., US
[73] SELIG SEALING PRODUCTS, INC., US
[85] 2013-12-18
[86] 2012-06-21 (PCT/US2012/043568)
[87] (WO2012/177895)
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[25] EN
[54] **METHOD FOR THE TREATMENT BY PERCOLATION OF A FELT ELEMENT BY MEANS OF ELECTRODEPOSITION**
[54] **METHODE DE TRAITEMENT PAR PERCOLATION D'UN ELEMENT DE FEUTRE AU MOYEN D'ELECTRODEPOSITION**
[72] FLONER, DIDIER, FR
[72] PARIS, DOMINIQUE, FR
[72] GENESTE, FLORENCE, FR
[72] LAVASTRE, OLIVIER, FR
[73] UNIVERSITE DE RENNES 1, FR
[73] CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-12-19
[86] 2012-06-08 (PCT/EP2012/060926)
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[30] FR (1155040) 2011-06-09

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[51] **Int.Cl. B07B 1/10 (2006.01)**
[25] EN
[54] **SIEVE CLOTH AND METHOD OF USING SAME**
[54] **TOILE A TAMIS ET SON PROCEDE D'UTILISATION**
[72] VASSHUS, JAN KRISTIAN, NO
[72] MALMIN, ARNE, NO
[73] CUBILITY AS, NO
[85] 2013-12-19
[86] 2012-06-28 (PCT/NO2012/050123)
[87] (WO2013/002646)
[30] NO (20110938) 2011-06-29
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[51] **Int.Cl. H02J 3/38 (2006.01)**
[25] EN
[54] **MULTIPLE RENEWABLES SITE ELECTRICAL GENERATION AND REACTIVE POWER CONTROL**
[54] **GENERATION ELECTRIQUE A MULTIPLES SITES RENOUVELABLES ET COMMANDE DE PUISSANCE REACTIVE**
[72] ELENA, GREGORY F., US
[72] THORP, SCOTT, US
[72] MCWHORTER, KEVIN, US
[72] QUIROGA, GEORGE, US
[72] MANGO, MARK, US
[72] CACERES, MAXIMILIANO, US
[73] INVENTUS HOLDINGS, LLC, US
[85] 2013-12-20
[86] 2012-06-25 (PCT/US2012/044035)
[87] (WO2012/178176)
[30] US (61/500,222) 2011-06-23

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[13] C
[51] **Int.Cl. H04B 7/185 (2006.01) H04B 7/195 (2006.01)**
[25] FR
[54] **SATELLITE COMMUNICATION SYSTEM, LEO SATELLITE RELAYING COMMUNICATIONS BETWEEN A GEO SATELLITE AND TERRESTRIAL STATIONS, THE UPLINKS AND DOWNLINKS USING THE SAME FREQUENCY BAND ANDTIME-DIVISION MULTIPLEXING**
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE, UN SATELLITE LEO RELAYANT DES COMMUNICATIONS ENTRE UN SATELLITE GEO ET DES STATIONS TERRESTRES, LES LIAISONS MONTANTES ET DESCENDANTES UTILISANT LA MEME BANDE DE FREQUENCES ET LE MULTIPLEXAGE TEMPOREL**
[72] TRONC, JEROME, FR
[72] DUNAT, JEAN-CHRISTOPHE, FR
[73] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2014-01-10
[86] 2012-06-01 (PCT/EP2012/060359)
[87] (WO2012/171809)
[30] FR (1101850) 2011-06-16

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[13] C
[51] **Int.Cl. H04R 25/04 (2006.01) G10L 21/0208 (2013.01)**
[25] EN
[54] **IMPROVED HEARING AID DEVICES WITH REDUCED BACKROUND AND FEEDBACK NOISES**
[54] **DISPOSITIFS DE PROTHESE AUDITIVE AMELIORES EQUIPES DE REDUCTEUR DE BRUITS AMBIANTS ET DE BRUITS DE RETROACTION**
[72] FANG, ZHIMIN, CA
[73] FANG, ZHIMIN, CA
[86] (2841646)
[87] (2841646)
[22] 2014-02-04
[30] US (14/171,648) 2014-02-03

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[51] **Int.Cl. H02J 4/00 (2006.01) B64C 25/40 (2006.01) B64D 41/00 (2006.01) H02J 3/00 (2006.01)**
[25] FR
[54] **DEVICE FOR SUPPLYING AN AIRCRAFT ON THE GROUND WITH ELECTRICITY**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE D'UN AERONEF AU SOL**
[72] VIEILLARD, SEBASTIEN, FR
[72] BERENGER, SERGE, FR
[72] ROQUES, SERGE THIERRY, FR
[72] DAURIAC, PASCAL, FR
[73] TURBOMECA, FR
[73] LABINAL POWER SYSTEMS, FR
[85] 2014-01-16
[86] 2012-07-27 (PCT/FR2012/051790)
[87] (WO2013/017789)
[30] FR (1157169) 2011-08-04

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[13] C
[51] **Int.Cl. A61L 11/00 (2006.01) A22B 7/00 (2006.01)**
[25] EN
[54] **PROCEDURE FOR THE PRESERVATION OF BY-PRODUCTS FROM THE MEAT INDUSTRY AND OTHER FOOD INDUSTRIES**
[54] **PROCEDE DE CONSERVATION DES SOUS-PRODUITS DE L'INDUSTRIE DES PRODUITS CARNES ET D'AUTRES INDUSTRIES ALIMENTAIRES**
[72] BAEZA ORTEGA, FERNANDO, ES
[72] EGEA FERNANDEZ, ANTONIO, ES
[72] ROMERO LOPEZ, MIGUEL ANGEL, ES
[72] PUMARINO ALVAREZ, JOSE RAMON, ES
[72] BORGEAUD, JAIME, ES
[72] GUZMAN ARCOS, JOSE MARIA, ES
[73] HIGIENIZO TECNICAS REUNIDAS, S.L.U., ES
[85] 2014-01-21
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[30] ES (P 201131274) 2011-07-26
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[51] **Int.Cl. A62C 13/76 (2006.01)**
[25] EN
[54] **GUTTER-ANCHORED STRUCTURE FOR PORTABLE FIRE SPRINKLERS**
[54] **STRUCTURE ANCREE AU CANIVEAU POUR GICLEURS D'INCENDIE PORTATIFS**
[72] PYKE, DARRELL, CA
[73] W.A.S.P. MANUFACTURING LTD., CA
[86] (2842771)
[87] (2842771)
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[13] C
[51] **Int.Cl. B04B 1/20 (2006.01)**
[25] EN
[54] **CENTRIFUGE AND DISCHARGE PORT MEMBER OF A CENTRIFUGE FOR POWER REDUCTION**
[54] **CENTRIFUGEUSE ET ELEMENT D'ORIFICE DE REFOULEMENT D'UNE CENTRIFUGEUSE PERMETTANT DE REDUIRE LA PUISSANCE**
[72] PASOL, LAURENTIU, FR
[72] HUYGHE, JEAN-MARC, FR
[73] ANDRITZ S.A.S., FR
[85] 2014-01-29
[86] 2012-07-26 (PCT/EP2012/003159)
[87] (WO2013/017223)
[30] EP (11006271.8) 2011-07-29

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[51] **Int.Cl. C02F 1/42 (2006.01) B01J 47/08 (2006.01) B01J 49/00 (2017.01)**
[25] EN
[54] **MOBILE WATER TREATMENT AND RESIN TRANSFER HUB**
[54] **TRAITEMENT MOBILE DES EAUX ET POSTE DE TRANSVASEMENT DES RESINES**
[72] PARKE, ANDREW, GB
[73] BL TECHNOLOGIES, INC., US
[85] 2014-01-31
[86] 2012-08-03 (PCT/US2012/049499)
[87] (WO2013/025374)
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[51] **Int.Cl. A01D 34/84 (2006.01)**
[25] EN
[54] **MOWER FOR MOWING AROUND FENCE AND RAILING POSTS**
[54] **TONDEUSE PERMETTANT DE TONDRE AUTOUR D'UNE BARRIERE ET DE POTEAUX DE CLOTURE**
[72] HAFNER, BRANDON, US
[73] HAFNER, BRANDON, US
[85] 2014-02-06
[86] 2012-08-14 (PCT/US2012/050705)
[87] (WO2013/025680)
[30] US (61/523,581) 2011-08-15
[30] US (13/572,725) 2012-08-13

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[51] **Int.Cl. C09D 133/04 (2006.01) C08J 5/18 (2006.01) C08J 7/04 (2006.01) C09D 201/00 (2006.01) G09F 5/04 (2006.01)**
[25] EN
[54] **WATER-BASED COATING FOR COLOR SAMPLING**
[54] **REVETEMENT A BASE D'EAU POUR ECHANTILLONNAGE DE COULEUR**
[72] HAVEN, MICHAEL, US
[72] GUSTAFSON, MICHAEL, US
[73] AXALTA COATING SYSTEMS IP CO. LLC, US
[85] 2014-02-07
[86] 2012-06-07 (PCT/US2012/041245)
[87] (WO2012/170623)
[30] US (61/494,200) 2011-06-07

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[51] **Int.Cl. A41D 13/12 (2006.01) A41D 27/10 (2006.01)**
[25] EN
[54] **SEAMLESS PROTECTIVE APPAREL**
[54] **VETEMENT PROTECTEUR SANS COUTURE**
[72] WALSH, MEGAN, US
[73] MEDLINE INDUSTRIES, INC., US
[85] 2014-02-07
[86] 2012-08-06 (PCT/US2012/049766)
[87] (WO2013/022845)
[30] US (61/521,646) 2011-08-09

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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **POWER SAVE WITH DATA FETCH TIME, WITH END OF DATA INDICATION, AND WITH MORE DATA ACKNOWLEDGEMENT**
[54] **ECONOMIE D'ENERGIE COMPORTANT UN TEMPS D'EXTRACTION DE DONNEES, UNE INDICATION DE FIN DE DONNEES ET UN ACCUSE DE RECEPTION POUR LA TRANSMISSION D'AUTRES DONNEES**
[72] WENTINK, MAARTEN MENZO, US
[72] SAMPATH, HEMANTH, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-12
[86] 2012-08-09 (PCT/US2012/050070)
[87] (WO2013/032657)
[30] US (61/529,796) 2011-08-31
[30] US (61/533,560) 2011-09-12
[30] US (13/566,908) 2012-08-03

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[25] EN
[54] **ORTHOGONALLY REDUNDANT SENSOR SYSTEMS AND METHODS**
[54] **SYSTEMES DE CAPTEUR ORTHOGONALEMENT REDONDANTS ET PROCEDES ASSOCIES**
[72] SHAH, RAJIV, US
[72] KRISTENSEN, JESPER SVENNING, DK
[72] WOLFE, KATHERINE T., US
[72] AASMUL, SOREN, DK
[72] BANSAL, ANUBHUTI, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2014-02-18
[86] 2012-09-04 (PCT/US2012/053707)
[87] (WO2013/036493)
[30] US (61/531,449) 2011-09-06
[30] US (61/531,451) 2011-09-06
[30] US (61/531,456) 2011-09-06
[30] US (61/554,057) 2011-11-01
[30] US (61/561,146) 2011-11-17
[30] US (61/587,819) 2012-01-18
[30] US (61/620,563) 2012-04-05
[30] US (13/478,420) 2012-05-23

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[13] C
[51] **Int.Cl. H04W 92/02 (2009.01) H04W 84/12 (2009.01) H04W 88/04 (2009.01)**
[25] EN
[54] **DISTRIBUTION SYSTEM CONNECTION THROUGH A STATION WORKING AS A NON-ACCESS POINT**
[54] **CONNEXION A UN SYSTEME DE DISTRIBUTION PAR L'INTERMEDIAIRE D'UNE STATION NE FONCTIONNANT PAS COMME UN POINT D'ACCES**
[72] LEE, JIHYUN, KR
[72] KIM, EUNSUN, KR
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-02-20
[86] 2012-02-29 (PCT/KR2012/001532)
[87] (WO2013/032080)
[30] US (61/528,723) 2011-08-29

[11] **2,846,843**
[13] C
[51] **Int.Cl. H04B 10/114 (2013.01) H04W 88/02 (2009.01) H01S 5/42 (2006.01)**
[25] EN
[54] **HIGH SPEED FREE-SPACE OPTICAL COMMUNICATIONS**
[54] **COMMUNICATIONS OPTIQUES GRANDE VITESSE DANS UN ESPACE LIBRE**
[72] LEAR, KEVIN L., US
[72] ABELL, DAVID, US
[72] JOSEPH, JOHN R., US
[73] TRILUMINA CORPORATION, US
[85] 2014-02-26
[86] 2012-08-24 (PCT/US2012/052397)
[87] (WO2013/032954)
[30] US (61/528,119) 2011-08-26
[30] US (61/671,036) 2012-07-12

[11] **2,847,149**
[13] C
[51] **Int.Cl. C22B 23/00 (2006.01) C22B 3/04 (2006.01)**
[25] EN
[54] **ORE SLURRY PRODUCTION METHOD AND METAL REFINING METHOD**
[54] **PROCEDE DE PRODUCTION D'UNE BOUE DE MINERAI ET PROCEDE DE RAFFINAGE DE METAUX**
[72] MITSUI, HIROYUKI, JP
[72] SHIBAYAMA,KEISUKE, JP
[72] SHOJI, HIROFUMI, JP
[72] HIGAKI, TATSUYA, JP
[72] KYODA, YOJI, JP
[72] NAKAI, OSAMU, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-02-27
[86] 2012-11-01 (PCT/JP2012/078289)
[87] (WO2013/065773)
[30] JP (2011-242308) 2011-11-04

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[13] C
[51] **Int.Cl. C08F 10/02 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITIONS HAVING IMPROVED BARRIER PROPERTIES**
[54] **COMPOSITIONS DE POLYMERE AYANT DES PROPRIETES DE BARRIERE AMELIOREES**
[72] HLAVINKA, MARK L., US
[72] YANG, QING, US
[72] ST. JEAN, GUYLAINE, US
[72] GILL, BROOKE A., US
[72] GAGAN, DELORIS R., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2014-02-28
[86] 2012-09-04 (PCT/US2012/053608)
[87] (WO2013/033690)
[30] US (61/530,711) 2011-09-02
[30] US (13/306,321) 2011-11-29

[11] **2,847,815**
[13] C
[51] **Int.Cl. B60N 2/30 (2006.01)**
[25] EN
[54] **STOWABLE SEAT ARRANGEMENT FOR A MOTOR VEHICLE**
[54] **AGENCEMENT DE SIEGE POUVANT ETRE RANGE, DESTINE A UN VEHICULE A MOTEUR**
[72] MATHER, CARL, US
[72] TEASDALE, TODD R., US
[72] SAVINSKY, DAVID M., US
[72] NEAG, DORINEL, US
[73] FCA US LLC, US
[85] 2014-03-05
[86] 2012-08-31 (PCT/US2012/053306)
[87] (WO2013/036444)
[30] US (13/228,731) 2011-09-09

[11] **2,848,354**
[13] C
[51] **Int.Cl. B60P 7/08 (2006.01) B25B 25/00 (2006.01)**
[25] EN
[54] **SIDE-LOADING RATCHET DEVICE**
[54] **DISPOSITIF A ROCHET A CHARGEMENT LATERAL**
[72] ARMOUR, BARRY DOUGLAS, NZ
[73] ARMOUR HOLDINGS LIMITED, NZ
[85] 2014-03-11
[86] 2012-09-13 (PCT/NZ2012/000165)
[87] (WO2013/039408)
[30] US (61/535,681) 2011-09-16

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[13] C
[51] **Int.Cl. A61B 46/00 (2016.01) A61B 46/10 (2016.01) A61F 13/15 (2006.01)**
[25] EN
[54] **ZIP STRIP DRAPING SYSTEM AND METHODS OF MANUFACTURING SAME**
[54] **SYSTEME DE DRAPAGE A BANDE DE FERMETURE ET SES PROCEDES DE FABRICATION**
[72] ALLEN, FRED L., US
[73] MEDLINE INDUSTRIES, INC., US
[85] 2014-03-13
[86] 2012-09-11 (PCT/US2012/054659)
[87] (WO2013/043414)
[30] US (61/538,642) 2011-09-23
[30] US (13/589,640) 2012-08-20

[11] **2,849,068**
[13] C
[51] **Int.Cl. F23R 3/00 (2006.01) F23D 14/22 (2006.01) F23R 3/16 (2006.01)**
[25] EN
[54] **REDUCED EMISSIONS COMBUSTOR**
[54] **CHAMBRE DE COMBUSTION A EMISSIONS REDUITES**
[72] GALLEY, DAVID, FR
[72] ENJALBERT, NICOLAS, FR
[72] BARRIANT, THIERRY, US
[73] SAINT-GOBAIN EMBALLAGE, FR
[85] 2014-03-18
[86] 2012-10-03 (PCT/US2012/000432)
[87] (WO2013/052086)
[30] US (61/542,505) 2011-10-03

[11] **2,849,076**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **DYNAMIC CONTENT FEED FILTERING**
[54] **FILTRAGE DYNAMIQUE DE FLUX DE CONTENU**
[72] HARRIS, ANDREW W., US
[72] O'CONNELL, ERIN M., US
[72] STEPLYK, HAYLEY LYNN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-03-18
[86] 2012-08-22 (PCT/US2012/051951)
[87] (WO2013/043301)
[30] US (13/237,231) 2011-09-20

[11] **2,849,113**
[13] C
[51] **Int.Cl. F16M 11/20 (2006.01)**
[25] EN
[54] **FLOOR STAND WITH ANGLED ARM FOR MICROSCOPE**
[54] **STATIF A BRAS COUDE POUR MICROSCOPE**
[72] BUTLER, JONATHAN MICHAEL, US
[72] HEWLETT, ROBERT TROY, US
[72] HEWLETT, ROBERT JEFFREY, US
[72] HEWLETT, ROBERT MCCOY, US
[73] ALCON RESEARCH, LTD., US
[85] 2014-03-18
[86] 2012-10-19 (PCT/US2012/061113)
[87] (WO2013/059654)
[30] US (13/279,046) 2011-10-21

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[13] C
[51] **Int.Cl. C08J 3/24 (2006.01) C08J 3/20 (2006.01) C08L 23/22 (2006.01) C08L 51/08 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **PROCESS FOR CONTINUOUS PRODUCTION OF HALOGEN-FREE THERMOPLASTIC ELASTOMER COMPOSITIONS**
[54] **PROCEDE POUR LA PRODUCTION EN CONTINU DE COMPOSITIONS D'ELASTOMERE THERMOPLASTIQUE EXEMPTES D'HALOGENE**
[72] SIEGERS, CONRAD, CA
[72] SCHENKEL, RALF-INGO, DE
[72] RAYNER, KRISTA, CA
[73] LANXESS BUTYL PTE. LTD., SG
[85] 2014-03-20
[86] 2012-09-28 (PCT/CA2012/000909)
[87] (WO2013/044370)
[30] EP (11183163.2) 2011-09-28

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[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SUPPLYING AT LEAST ONE ELECTRICAL CONSUMER OF A DRILL PIPE WITH AN OPERATING VOLTAGE**
[54] **PROCEDE ET DISPOSITIF D'ALIMENTATION D'AU MOINS UN CONSOMMATEUR ELECTRIQUE D'UN TRAIN DE TIGES EN TENSION DE FONCTIONNEMENT**
[72] SCHEIBELMASSER, ANTON, AT
[72] LAMIK-THONHAUSER, BOUCHRA, AT
[72] FASCH, FRANZ MICHAEL, AT
[72] JUD, JOHANN, AT
[73] THINK AND VISION GMBH, AT
[85] 2014-03-25
[86] 2012-09-26 (PCT/AT2012/000244)
[87] (WO2013/044279)
[30] AT (A 1386/2011) 2011-09-26

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[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/04 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **ELECTRONIC MARKETPLACE FOR HOSTED SERVICE IMAGES**
[54] **PLACE DE MARCHE ELECTRONIQUE POUR IMAGES DE SERVICES HEBERGEES**
[72] GOLDEN, MANINE R., US
[72] ZIPKIN, DAVID, US
[72] THIMSEN, JOHN DANIEL, US
[72] TYRA, ANDREW S., US
[72] HANOLD, TERRANCE D., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-03-25
[86] 2012-09-27 (PCT/US2012/057626)
[87] (WO2013/049395)
[30] US (13/248,227) 2011-09-29

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[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/04 (2006.01) B23K 26/34 (2014.01) B23P 6/04 (2006.01) F01D 25/24 (2006.01)**
[25] FR
[54] **METHOD FOR WELDING AND BUILDING UP METAL COMPONENTS MADE OF ALUMINIUM USING A MIG PROCESS WITH PULSED CURRENT AND PULSED FILLER WIRE**
[54] **PROCEDE DE SOUDAGE ET DE RECHARGEMENT DE PIECES METALLIQUES EN ALUMINIUM PAR UN PROCEDE MIG AVEC COURANT ET FIL D'APPORT PULSES**
[72] MOTTIN, JEAN-BAPTISTE, FR
[72] CASTAGNE, JEAN-FRANCOIS, FR
[72] BAUDIN, THIERRY, FR
[72] BENOIT, ALEXANDRE YANN MICHEL, FR
[72] PAILLARD, PASCAL, FR
[73] SNECMA, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE PARIS SUD (UPS), FR
[73] UNIVERSITE DE NANTES, FR
[85] 2014-03-26
[86] 2012-09-27 (PCT/FR2012/052184)
[87] (WO2013/045844)
[30] FR (1158622) 2011-09-27

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[13] C
[51] **Int.Cl. C23C 30/00 (2006.01) C23C 14/00 (2006.01) C23C 14/06 (2006.01) C23C 14/32 (2006.01) C23C 28/04 (2006.01)**
[25] EN
[54] **ALUMINUM TITANIUM NITRIDE COATING WITH ADAPTED MORPHOLOGY FOR ENHANCED WEAR RESISTANCE IN MACHINING OPERATIONS AND METHOD THEREOF**
[54] **REVETEMENT EN NITRURE D'ALUMINIUM ET DE TITANE DE MORPHOLOGIE ADAPTEE DESTINE A AMELIORER LA RESISTANCE A L'USURE DANS DES OPERATIONS D'USINAGE ET PROCEDE ASSOCIE**
[72] KURAPOV, DENIS, CH
[72] KRASSNITZER, SIEGFRIED, AT
[72] ARNDT, MIRJAM, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2014-03-27
[86] 2012-09-19 (PCT/EP2012/003896)
[87] (WO2013/045039)
[30] EP (11007997.7) 2011-09-30

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[13] C
[51] **Int.Cl. C07C 53/10 (2006.01) C07C 51/41 (2006.01) C07G 1/00 (2011.01)**
[25] EN
[54] **METHOD OF OBTAINING ACETATE**
[54] **PROCEDE D'OBTENTION D'ACETATE A PARTIR DE LIGNOCELLULOSE**
[72] TERS, THOMAS, AT
[72] FACKLER, KARIN, AT
[72] MESSNER, KURT, AT
[72] ERTL, ORTWIN, AT
[73] ANNIKKI GMBH, AT
[85] 2014-03-28
[86] 2012-09-05 (PCT/EP2012/067314)
[87] (WO2013/050210)
[30] AT (A 1443/2011) 2011-10-05

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[13] C
[51] **Int.Cl. G06K 9/78 (2006.01) H04N 21/84 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD OF IDENTIFYING VISUAL OBJECTS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJETS VISUELS**
[72] PETROU, DAVID, US
[72] BRIDGES, MATTHEW, US
[72] NALAWADI, SHAILESH, US
[72] ADAM, HARTWIG, US
[72] CASEY, MATTHEW R., US
[72] NEVEN, HARTMUT, US
[72] HARP, ANDREW, US
[73] GOOGLE LLC, US
[85] 2014-04-02
[86] 2012-12-05 (PCT/US2012/067929)
[87] (WO2013/085985)
[30] US (61/567,611) 2011-12-06

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[13] C
[51] **Int.Cl. E04F 11/18 (2006.01) E04F 11/02 (2006.01) E04H 17/14 (2006.01) E04H 17/20 (2006.01)**
[25] EN
[54] **RAILING SYSTEM AND PICKET FOR A RAILING SYSTEM**
[54] **SYSTEME DE RAIL ET PIEU POUR UN SYSTEME DE RAIL**
[72] WALKER, SIMON, CA
[73] PEAK INNOVATIONS INC., CA
[86] (2851471)
[87] (2851471)
[22] 2014-05-08
[30] US (61/821,338) 2013-05-09

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[13] C
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[25] EN
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[54] **IDENTIFICATION VIDEO ET SYSTEME DE RECONNAISSANCE ANALYTIQUE**
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[54] **CHARGING ASSEMBLY WITH OVER ROTATION CONTROL AND ELECTRICAL SWITCHING APPARATUS EMPLOYING SAME**
[54] **ENSEMBLE DE CHARGE A LIMITATION DE ROTATION EXCESSIVE ET APPAREIL DE COMMUTATION ELECTRIQUE L'EMPLOYANT**
[72] GOTTSCHALK, ANDREW LAWRENCE, US
[72] SLEPIAN, ROBERT MICHAEL, US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[54] **CIRCUIT BREAKER, CIRCUIT BREAKER TERMINAL LUG COVER, AND METHOD OF PROTECTING A TERMINAL LUG**
[54] **DISJONCTEUR, ELEMENT DE PROTECTION DE COSSE DE CONNEXION DE DISJONCTEUR ET PROCEDE DE PROTECTION D'UNE COSSE DE CONNEXION**
[72] SISLEY, JAMES P., US
[72] MERCK, PAUL A., US
[72] MUELLER, ROBERT W., US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[54] **DERIVE AZOLE**
[72] YOSHINAGA, MITSUKANE, JP
[72] KUWADA, TAKESHI, JP
[72] MIYAKOSHI, NAOKI, JP
[72] ISHIZAKA, TOMOKO, JP
[72] WAKASUGI, DAISUKE, JP
[72] SHIROKAWA, SHIN-ICHI, JP
[72] HATTORI, NOBUTAKA, JP
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[73] TAISHO PHARMACEUTICAL CO., LTD., JP
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[54] **NOUVEAUX DERIVES DE PURINE ET UTILISATION DE CEUX-CI DANS LE TRAITEMENT D'UNE MALADIE**
[72] BRIARD, EMMANUELLE, CH
[72] FURET, PASCAL, CH
[72] LERCHNER, ANDREAS, CH
[72] MEIER, PETER, CH
[72] RADETICH, BRANKO, US
[72] SANDHAM, DAVID ANDREW, GB
[72] ZHU, YANYI, US
[73] NOVARTIS AG, CH
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[54] **DISPOSITIF DE MOULAGE PAR INJECTION DE PREFORMES**
[72] HOSOKOSHIYAMA, HIROSHI, JP
[72] SATO, MAMORU, JP
[72] ISHIZAWA, YASUHIRO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **FLUIDE FONCTIONNEL CONTENANT DU GLYCEROL**
[72] LI, YUE-RONG, US
[72] PLAVAC, FRANK, US
[72] FRAZIER, RAWLS, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2014-04-24
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[25] EN
[54] **PROVIDING A VEHICLE WITH ELECTRIC ENERGY USING A RECEIVING DEVICE ADAPTED TO RECEIVE AN ALTERNATING ELECTROMAGNETIC FIELD**
[54] **FOURNITURE A UN VEHICULE D'ENERGIE ELECTRIQUE A L'AIDE D'UN DISPOSITIF DE RECEPTION APTE A RECEVOIR UN CHAMP ELECTROMAGNETIQUE ALTERNATIF**
[72] CZAINSKI, ROBERT, DE
[72] WORONOWICZ, KONRAD, CA
[73] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **LIMITING TORQUE CLUTCH IN AN INPUT DAMPER**
[54] **EMBRAYAGE DE LIMITATION DE COUPLE DANS UN AMORTISSEUR D'ENTREE**
[72] COPELAND, KEVIN A., US
[73] ALLISON TRANSMISSION, INC., US
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[54] **DOZING BLADE ASSEMBLY, CUTTER AND DOZING METHOD**
[54] **ENSEMBLE LAME DE REMBLAYAGE, DISPOSITIF DE COUPE ET PROCEDE DE REMBLAYAGE**
[72] BIGGS, NICK W., US
[72] CONGDON, THOMAS M., US
[72] MARTIN, KEVIN L., US
[73] CATERPILLAR INC., US
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[54] **REPLACEMENT HAIR STRAND HAVING A HAIR-JOINING ELEMENT**
[54] **EXTENSION CAPILLAIRE AVEC ELEMENT DE FIXATION SUR LES CHEVEUX**
[72] OTT, GERHARD, SG
[73] HAIRDREAMS HAARHANDELS GMBH, AT
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[54] **CANAPE-LIT AVEC OUVERTURE FACILITEE, EN PARTICULIER A ACTIONNEMENT AUTOMATIQUE**
[72] BALDASSARRA, DIONISIO, IT
[73] COMODO ITALIA S.R.L., IT
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[54] **TREATMENT OF HEAVY OILS TO REDUCE OLEFIN CONTENT**
[54] **TRAITEMENT DE PETROLES BRUTS POUR REDUIRE LA TENEUR EN OLEFINES**
[72] CHORNET, MICHEL, CA
[72] CHRONOPOULOS, CHRISTOS, CA
[72] DEHKISSIA, SOUMAINE, CA
[73] FRACTAL SYSTEMS, INC., CA
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[54] **METALLIC CONDUCTOR DISTURBANCE DETECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DETECTION DE PERTURBATIONS DANS UN CONDUCTEUR METALLIQUE**
[72] JARVIS, SIMON JAMES, GB
[72] MUMFORD, PAUL, GB
[72] MERCHANT, ROGER, US
[73] CRESATECH LIMITED, GB
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[54] **COMPENSATOR SYSTEM AND METHOD FOR COMPENSATING ANGULAR DISPERSION**
[54] **SYSTEME DE COMPENSATEUR ET PROCEDE DE COMPENSATION DE DISPERSION ANGULAIRE**
[72] ROZSA, BALAZS, HU
[72] KATONA, GERGELY, HU
[72] VERESS, MATE, HU
[72] MAAK, PAL, HU
[72] SZALAY, GERGELY, HU
[73] FEMTONICS KFT., HU
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[54] **METHOD FOR MANUFACTURING A COMPOSITE USING A DEGRADABLE MEMBRANE**
[54] **PROCEDE POUR LA FABRICATION D'UN COMPOSITE**
[72] GROVE-NIELSEN, ERIK, DK
[72] KRISTENSEN, JENS JORGEN OSTERGAARD, DK
[72] KYBELUND, PETER, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **TEXTILE BELT, METHOD FOR MAKING IT, AND ITS USE**
[54] **COURROIE TEXTILE, SON PROCEDE DE FABRICATION ET SON UTILISATION**
[72] SALONEN, KARI A., FI
[73] VALMET TECHNOLOGIES, INC., FI
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[54] **FUNCTIONALIZED POLYAMINES FOR CLAY MITIGATION**
[54] **POLYAMINES FONCTIONNALISEES POUR LA MITIGATION DE L'ARGILE**
[72] KUO, LAWRENCE L., US
[72] FAVERO, CEDRICK, FR
[72] ROUX, CHRISTOPHE, FR
[72] TREGGER, NATHAN A., US
[73] SNF S.A.S., FR
[73] GCP APPLIED TECHNOLOGIES INC., US
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[25] EN
[54] **METHODS, APPARATUS AND PRODUCTS FOR SEMANTIC PROCESSING OF TEXT**
[54] **PROCEDES, APPAREIL ET PRODUITS DE TRAITEMENT SEMANTIQUE D'UN TEXTE**
[72] DE SOUSA WEBBER, FRANCISCO EDUARDO, AT
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[85] 2014-08-19
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[54] **CHEVALET DE POMPAGE A CONTREPOIDS AVEC MOTEURS REVERSIBLES**
[72] CHAIKA, DARIN J., CA
[73] DC INNOVATIONS INC., CA
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[54] **APPAREIL D'HUMIDIFICATION**
[72] STANIFORTH, MARK JOSEPH, GB
[72] BEAVIS, DANIEL JAMES, GB
[72] PULLEN, JUDE PAUL, GB
[72] GAMMACK, PETER DAVID, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **CATHETER D'ABLATION A BALLONNET AVEC ELECTRODE**
[72] JAMESON, ALLEN D., US
[72] BAGLEY, CHRISTOPHER L., US
[72] HUSZAR, HILLARY K., US
[72] MAGUIRE, MARK A., US
[72] UTLEY, DAVID S., US
[73] COVIDIEN LP, US
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[54] **DISPOSITIF DE BOUCHAGE ET RECIPIENT EQUIPE D'UN TEL DISPOSITIF**
[72] ANEAS, ANTOINE, FR
[73] BIOCORP PRODUCTION, FR
[85] 2014-09-08
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[54] **LAUNDRY DETERGENT PARTICLES**
[54] **PARTICULES DE DETERGENT A LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] CHAPPLE, ANDREW PAUL, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC, GB
[85] 2014-09-10
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[25] EN
[54] **APPARATUS, METHOD, AND SYSTEM FOR INTEGRATING MOBILE AND SATELLITE PHONE SERVICE**
[54] **APPAREIL, PROCEDE ET SYSTEME D'INTEGRATION DE SERVICES DE TELEPHONIE MOBILE ET PAR SATELLITE**
[72] BUCKLE, ROBERT K., GB
[72] HAFLEY, THOMAS, US
[73] BUCKLE, ROBERT K., GB
[73] HAFLEY, THOMAS, US
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[54] **BENDING MACHINE HAVING A BENDING HEAD THAT IS MOVABLE ABOUT A STATIONARY BENDING SHANK**
[54] **MACHINE DE CINTRAGE A TETE DE PLIAGE MOBILE AUTOUR D'UN NEZ DE PLIAGE FIXE**
[72] COSTET, JULIEN, FR
[73] NUMALLIANCE, FR
[85] 2014-09-17
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[54] **TERMINAL DE COMMUNICATION MULTIVOIE**
[72] GAO, WEN, CN
[73] HONG KONG UCLOUDLINK NETWORK TECH, LTD., CN
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[54] **PROCESSING DATA REPRESENTING A PHYSICAL SYSTEM**
[54] **TRAITEMENT DE DONNEES REPRESENTANT UN SYSTEME PHYSIQUE**
[72] THEUNE, ULRICH, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2014-10-23
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[25] EN
[54] **HOLOGRAM TRANSFER FOIL, FABRICATION METHOD OF IMAGE DISPLAY ELEMENT, IMAGE DISPLAY ELEMENT, AND PERSONAL AUTHENTICATION MEDIUM**
[54] **FEUILLE DE TRANSCRIPTION D'HOLOGRAMME, PROCEDE DE PRODUCTION D'UN ELEMENT D'AFFICHAGE D'IMAGE, ELEMENT D'AFFICHAGE D'IMAGE, ET SUPPORT D'AUTHENTIFICATION PERSONNEL**
[72] INOKUCHI, MASAMI, JP
[73] TOPPAN PRINTING CO., LTD., JP
[85] 2014-10-23
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[25] EN
[54] **BIOFILM CULTURE OF MICROALGAE ON A LIQUID SURFACE**
[54] **CULTURE DE BIOFILM DE MICROALGUE SUR UNE SURFACE LIQUIDE**
[72] KANEHARA, HIDEYUKI, JP
[72] MATSUNAGA, TADASHI, JP
[72] TANAKA, TSUYOSHI, JP
[72] TANAKA, MASAYOSHI, JP
[73] FUJIFILM CORPORATION, JP
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[54] **SYSTEME ET PROCEDE POUR UNE DIFFUSION DE DONNEES EN FLUX CONTINU AIR SOL**
[72] HOLSTEIN, STEPHEN C., US
[72] PHAN, TRI M., US
[73] THE BOEING COMPANY, US
[85] 2014-10-30
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[54] **METHOD OF CULTURING PLURIPOTENT STEM CELL, AND POLYPEPTIDE TO BE USED THEREFOR**
[54] **PROCEDE DE CULTURE DE CELLULES SOUCHES PLURIPOTENTES ET POLYPEPTIDE A UTILISER DANS LEDIT PROCEDE**
[72] MURAKAMI, YUTA, JP
[72] IWATA, RIE, JP
[72] IWAKI, YOSHIHIDE, JP
[72] SASAKI, TASUKU, JP
[73] FUJIFILM CORPORATION, JP
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[54] **TRAITEMENT DE HARQ-ACK POUR SOUS-TRAMES DE LIAISON DESCENDANTE INTEMPESTIVES**
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[72] HE, HONG, CN
[72] FWU, JONG-KAE, US
[73] INTEL CORPORATION, US
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[54] **ILLUMINATED DISPLAY UNIT HAVING SUSPENSION CLAMPS**
[54] **ENSEMBLE D'AFFICHAGE LUMINEUX A PINCES DE SUSPENSION**
[72] CHAMPAGNE, BENJAMIN, CN
[73] VITRINEMEDIA, FR
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[54] **PROCEDE DE NEUTRALISATION**
[72] HIGUCHI, HIROTAKA, JP
[72] NISHIKAWA, ISAO, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **SUPPORT POUR SEPARATION COUPE-FEU**
[72] BREKKE, STEVEN, US
[72] ROLF, MARK R., US
[73] MITEK HOLDINGS, INC., US
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[54] **A FUEL CELL SYSTEM WITH OXIDANT FLOW RATE CONTROL**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] TOMITA, YOUSUKE, JP
[72] CHIKUGO, HAYATO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **TARGETED RNA-SEQ METHODS AND MATERIALS FOR THE DIAGNOSIS OF PROSTATE CANCER**
[54] **METHODES CIBLEES CONNUES SOUS LE NOM D'ARN-SEQ ET MATERIAUX POUR LE DIAGNOSTIC DU CANCER DE LA PROSTATE**
[72] WATSON, JAMES DOUGLAS, NZ
[72] ELTON, CLARE, NZ
[72] MUSGRAVE, DAVID REX, NZ
[73] CALDERA HEALTH LIMITED, NZ
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[54] **ATTACHE POUR UN APPAREIL PORTABLE**
[72] COURTNEY, STEPHEN BENJAMIN, GB
[72] MOLONEY, PATRICK JOSEPH WILLIAM, GB
[72] SHELTON, EDWARD SEBERT MAURICE, GB
[72] FOLLOWS, THOMAS JAMES DUNNING, GB
[72] JONES, DAVID MICHAEL, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **ZEOLITE CATALYSTS, METHODS FOR PRODUCING ZEOLITE CATALYSTS, AND METHODS FOR PRODUCING LOWER OLEFINS**
[54] **CATALYSEUR ZEOLITIQUE, PROCEDE POUR LA PRODUCTION DE CATALYSEUR ZEOLITIQUE ET PROCEDE POUR LA PRODUCTION D'OLEFINES INFERIEURES**
[72] HODOSHIMA, SHINYA, JP
[72] YAGI, FUYUKI, JP
[72] MOTOMIYA, AZUSA, JP
[72] WAKAMATSU, SHUHEI, JP
[72] ASAOKA, SACHIO, JP
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[54] **METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING CONTROL INFORMATION**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION D'INFORMATIONS DE COMMANDE**
[72] TANG, ZHENFEI, CN
[72] LI, YUANJIE, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ANTICORPS DIRIGES CONTRE L'OLANZAPINE ET LEUR UTILISATION**
[72] HRYHORENKO, ERIC, US
[72] SANKARAN, BANUMATHI, US
[72] DECORY, THOMAS R., US
[72] TUBBS, THERESA, US
[72] COLT, LINDA, US
[72] REMMERIE, BART M., BE
[72] SALTER, RHYS, US
[72] DONAHUE, MATTHEW GARRETT, US
[72] GONG, YONG, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **ELIMINATION MAGNETIQUE OU IDENTIFICATION DE CELLULES OU DE STRUCTURES CELLULAIRES ENDOMMAGEES OU COMPROMISES**
[72] KRUG, KRISTIE MARIE, US
[73] INGURAN, LLC, US
[85] 2015-02-26
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[54] **ERROR RESILIENT DECODING UNIT ASSOCIATION**
[54] **ASSOCIATION D'UNITES DE DECODAGE ROBUSTE AUX ERREURS**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-10
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[54] **IMPROVEMENTS IN SEALABLE CONTAINERS**
[54] **PERFECTIONNEMENTS AUX RECIPIENTS HERMETIQUES**
[72] CARLSON, ARTHUR RICHARD, AU
[72] SAMARTGIS, JIM, AU
[73] THE DECOR CORPORATION PTY. LTD., AU
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[54] **DEVICE AND METHOD FOR SPLITTING A STREAM OF MEAT PRODUCTS IN A COATING PROCESS**
[54] **DISPOSITIF ET PROCEDE DE SEPARATION D'UN COURANT DE PRODUITS DE VIANDE DANS UN PROCESSUS DE REVETEMENT**
[72] VAN ERP, JOOST, NL
[72] VAN DE LAAK, JOOP, NL
[73] GEA FOOD SOLUTIONS BAKEL B.V., NL
[73] GEA CFS BAKEL B.V., NL
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[54] **SYSTEME DE COMMUNICATION DESTINE AUX SERVICES DE COMMUNICATION ANALOGIQUES ET NUMERIQUES**
[72] KEREK, DANIEL, SE
[73] DELTANODE SOLUTIONS AB, SE
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[73] GENG, BIN, CA
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[54] **METHOD OF INSTALLING AN EMERGENCY FLOW RESTRICTOR DEVICE (EFRD) ON A PIPELINE**
[54] **METHODE D'INSTALLATION DE DISPOSITIF LIMITEUR DE TROP-PLEIN D'URGENCE SUR UN PIPELINE**
[72] BAKER, WILLIAM, CA
[73] MAVERICK SUPERVISION INC., CA
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[54] **TRACK SYSTEM**
[54] **SYSTEME DE SUIVI**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] L'HERAULT, PATRICK, CA
[73] SOUCY INTERNATIONAL INC, CA
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[54] **METHOD, DEVICE AND COMPUTER PROGRAM FOR CORRECTING A FREQUENCY SHIFT ON SYMBOLS RECEIVED BY A RECEIVER**
[54] **PROCEDE, DISPOSITIF ET PROGRAMME D'ORDINATEUR DE CORRECTION D'UN DECALAGE DE FREQUENCE SUR DES SYMBOLES RECUS PAR UN RECEPTEUR**
[72] CASTELAIN, DAMIEN, FR
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **APPARATUS, INTERFACE UNIT, SUCTION RING AND METHOD TO MONITOR CORNEAL TISSUE**
[54] **APPAREIL, UNITE D'INTERFACE, ANNEAU DE SUCCION ET PROCEDE POUR SURVEILLER LE TISSU CORNEEN**
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[73] WAVELIGHT GMBH, DE
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[54] **SUPPORT D'ENSEMBLE CANAL EN PLASTIQUE DISPOSE EN DESSOUS DE LA CEINTURE DE CAISSE POUR SYSTEME DE COULISSE DE VITRE**
[72] BEACH, DANIEL S., US
[73] COOPER STANDARD AUTOMOTIVE INC., US
[73] BEACH, DANIEL S., US
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[54] **NETWORKED CHAT AND MEDIA SHARING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PARTAGE EN RESEAU DE CONVERSATIONS EN LIGNE ET DE CONTENU MULTIMEDIA**
[72] HERF, MICHAEL, US
[72] BAILEY, ROBERT, US
[72] MCBARRON, BRIAN, US
[73] GOOGLE LLC, US
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[54] **GLYCOCONJUGATION PROCESS**
[54] **PROCEDE DE GLYCOCONJUGAISON**
[72] HAN, MINGMING, US
[72] KAINTHAN, RAJESH KUMAR, US
[72] KIM, JIN-HWAN, US
[72] PRASAD, AVVARI KRISHNA, US
[73] PFIZER INC., US
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[54] **PERFORATED ACOUSTIC TILES**
[54] **TUILES ACOUSTIQUES PERFOREES**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS F., CA
[73] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[86] (2893499)
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[54] **SYSTEMES, DISPOSITIFS ET/OU PROCEDES POUR FOURNIR DES IMAGES**
[72] VAN HEUGTEN, ANTHONY, US
[73] E-VISION SMART OPTICS, INC., US
[85] 2015-06-03
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[54] **PROCEDES DE DETECTION ET DE QUANTIFICATION D'ANALYTES DANS DES MELANGES COMPLEXES**
[72] DIMITROV, KRASSEN, US
[72] DUNAWAY, DWAYNE, US
[73] THE INSTITUTE FOR SYSTEMS BIOLOGY, US
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[54] **RADIATION DETECTOR AND METHOD**
[54] **DETECTEUR DE RAYONNEMENT ET PROCEDE**
[72] KAHILAINEN, JUKKA, US
[73] MIRION TECHNOLOGIES, INC., US
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[25] EN
[54] **SYSTEMS FOR UNWINDING A ROLL OF THERMOPLASTIC MATERIAL INTERLEAVED WITH A POROUS MATERIAL, AND RELATED METHODS**
[54] **SYSTEMES POUR DEROULER UN ROULEAU DE MATERIAU THERMOPLASTIQUE ENTRELACE AVEC UN MATERIAU POREUX, ET PROCEDES ASSOCIES**
[72] NADELLA, KRISHNA V., US
[72] EMERSON, ALAN, US
[73] DART CONTAINER CORPORATION, US
[85] 2015-07-09
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[54] **SYSTEME DE PILE A COMBUSTIBLE ET AUTOMOBILE A PILE A COMBUSTIBLE**
[72] OKUI, TAKEHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **MECANISME DE DESACCOUPLEMENT D'ENTRAINEMENT FINAL**
[72] COMBS, ROBERT F., US
[72] BARKER, CHARLES A., US
[72] PRIEST, JAMES, US
[73] ALLISON TRANSMISSION, INC., US
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[54] **SYSTEMES D'EMISSION DE LUMIERE DE CASQUE**
[72] BAKER, JOHN MAXWELL, US
[72] ROYAL, ANDREW, US
[72] RILEY, RAYMOND WALTER, US
[72] RAMBERG, MARK JOHN, US
[72] BRINCKERHOFF, CHAD AUSTIN, US
[72] MURKOWSKI, JOHN R., US
[72] WETHERBEE, TRENT ROBERT, US
[72] DIENER, ALEX MICHAEL, US
[72] WILL, KRISTIN MARIE, US
[72] JOHNSTON, KYLE S., US
[72] SCHNEIDER, CLINT TIMOTHY, US
[72] MATTINGLY, EVAN WILLIAM, US
[72] KIRKWOOD, KEITH W., US
[72] HADLEY, JONATHAN BRANDT, US
[73] ILLUMAGEAR, INC., US
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[54] **PREPARATION ENHANCEMENTS AND METHODS OF USE FOR MALDI MASS SPECTROMETRY**
[54] **PERFECTIONNEMENTS APPORTES A LA PREPARATION ET PROCEDES D'UTILISATION POUR SPECTROMETRIE DE MASSE MALDI**
[72] BECKER, THOMAS, US
[72] BERKENKAMP, STEFAN, DE
[73] AGENA BIOSCIENCE, INC., US
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[54] **AN APPARATUS FOR DOWNHOLE WATER PRODUCTION CONTROL IN AN OIL WELL**
[54] **APPAREIL POUR COMMANDE DE PRODUCTION D'EAU DE FOND DE TROU DANS UN PUITS DE PETROLE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-08-28
[86] 2014-03-04 (PCT/US2014/020222)
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[54] **DEVICES, SYSTEMS, AND METHODS FOR MANAGING AND ADJUSTING ADAPTIVE STREAMING TRAFFIC**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE GESTION ET DE REGLAGE D'UN TRAFIC DE DIFFUSION CONTINUE ADAPTATIVE**
[72] SUN, WENDELL, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-08-31
[86] 2014-03-07 (PCT/US2014/022160)
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[54] **SLICER WITH ADJUSTABLE SLICING WIDTH**
[54] **TRANCHEUSE A EPAISSEUR DE TRANCHE AJUSTABLE**
[72] YAMAMOTO, HAJIME, JP
[73] BENRINER CO., LTD., JP
[86] (2906757)
[87] (2906757)
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[54] **CONTAINER FILLING SYSTEM AND VALVE FOR SAME**
[54] **SYSTEME DE REMPLISSAGE DE RECIPIENT ET VALVE ASSOCIE**
[72] EATON, JOHN A., US
[72] MARTIN, DAVID WILLIAM, US
[72] WARBURTON, DAVID JAY, US
[72] COLEMAN, NATHAN JOHN, US
[72] FELLER, SAMUEL FRANK, US
[72] EVANS, THOMAS JOHN, US
[72] SORGE, JASON KARL, US
[72] STRAUB, RANDY A., US
[73] PEPSICO, INC., US
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[54] **NETTED CASING FOR FOOD**
[54] **ENVELOPPE A FILET POUR ALIMENTS**
[72] ITOSHIRO, HAJIME, JP
[72] TAKAHASHI, KOICHI, JP
[73] OCI CO., LTD., JP
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[54] **DENTAL ASPIRATION DEVICE AND METHOD OF USE**
[54] **DISPOSITIF D'ASPIRATION DENTAIRE ET PROCEDE D'UTILISATION**
[72] HIRSCH, JAMES A., US
[73] INNERLITE, INC., US
[85] 2015-10-09
[86] 2014-04-09 (PCT/US2014/033545)
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[54] **CARTRIDGE AND PRINTING MATERIAL SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION POUR CARTOUCHE ET MATERIAU D'IMPRESSION**
[72] NOZAWA, IZUMI, JP
[72] KODAMA, HIDETOSHI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] MATSUZAKI, KAZUTOSHI, JP
[72] HARADA, KAZUMASA, JP
[72] NAKATA, SATOSHI, JP
[72] KAWATA, HIDETAKA, JP
[73] SEIKO EPSON CORPORATION, JP
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[54] **MOUSEHOLE TUBULAR RETENTION SYSTEM**
[54] **MECANISME DE RETENUE TUBULAIRE POUR TROU DE MANOEUVRE**
[72] MAGNUSON, CHRISTOPHER, US
[73] NABORS INDUSTRIES, INC., US
[86] (2911535)
[87] (2911535)
[22] 2015-11-06
[30] US (14/565,847) 2014-12-10

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[54] **WINDLASS ASSEMBLY**
[54] **DISPOSITIF DE GUINDEAU**
[72] SMITH, NIGEL CHRISTOPHER, GB
[73] LEWMAR LIMITED, GB
[86] (2912228)
[87] (2912228)
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[30] GB (1420391.3) 2014-11-17

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[54] **PROVIDING SINGLE SIGN-ON FOR WIRELESS DEVICES**
[54] **FOURNITURE D'AUTHENTIFICATION PAR SIGNATURE UNIQUE POUR DES DISPOSITIFS SANS FIL**
[72] MARTINI, PAUL MICHAEL, US
[73] IBOSS, INC., US
[85] 2015-11-17
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[54] **CHANNEL IMPULSE RESPONSE IDENTIFICATION AND COMPENSATION**
[54] **IDENTIFICATION ET COMPENSATION DE LA REPONSE IMPULSIONNELLE D'UNE VOIE**
[72] WHITACRE, TIM, US
[72] WHITE, MATTHEW A., US
[72] VANSTEENWYK, BRETT, US
[73] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2015-11-23
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[25] EN
[54] **IMPROVED ELECTROFUSION FITTING METHODS**
[54] **PROCEDES AMELIORES DE RACCORDEMENT PAR ELECTROFUSION**
[72] BARNES, STEPHEN, GB
[73] PIONEER LINING TECHNOLOGY LIMITED, GB
[85] 2015-12-23
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[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE POUR LA COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] CHIKUGO, HAYATO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-01-05
[86] 2014-05-09 (PCT/JP2014/062533)
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[54] **APPARATUS AND METHODS FOR CEMENTED MULTI-ZONE COMPLETIONS**
[54] **APPAREIL ET PROCEDES POUR DES COMPLETIONS MULTIZONES CIMENTEES**
[72] LEMBCKE, JEFFREY JOHN, US
[72] PARKER, CHARLES D., US
[72] KIDDY, JASON SCOTT, US
[72] GREENAN, IAIN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-01-06
[86] 2014-07-03 (PCT/US2014/045429)
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[54] **BURNER ASSEMBLY AND METHOD FOR COMBUSTION OF GASEOUS OR LIQUID FUEL**
[54] **ENSEMBLE DE BRULEUR ET PROCEDE POUR LA COMBUSTION DE COMBUSTIBLE GAZEUX OU LIQUIDE**
[72] MUNKO, ANDREAS, DE
[72] KOHLER, HARTMUT, DE
[73] OUTOTEC (FINLAND) OY, FI
[85] 2016-01-22
[86] 2013-08-06 (PCT/EP2013/066471)
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[54] **METHOD OF DERIVING DEFAULT DISPARITY VECTOR IN 3D AND MULTIVIEW VIDEO CODING**
[54] **PROCEDE DE DERIVATION DE VECTEUR DE DISPARITE PAR DEFAUT EN 3D ET CODAGE VIDEO MULTI-VUES**
[72] LIN, JIAN-LIANG, CN
[72] ZHANG, NA, CN
[72] CHEN, YI-WEN, CN
[72] AN, JICHENG, CN
[72] CHANG, YU-LIN, CN
[73] HFI INNOVATION INC., TW
[85] 2016-02-03
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[25] EN
[54] **WIPER PLUG FOR DETERMINING THE ORIENTATION OF A CASING STRING IN A WELLBORE**
[54] **BOUCHON DE CIMENTATION PERMETTANT DE DETERMINER L'ORIENTATION D'UNE COLONNE DE TUBAGE DANS UN PUITS DE FORAGE**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-25
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[54] **PARTICLES**
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[72] CROSS, TASHA, US
[72] BUEHLER, THERESA ANNE, US
[72] DRUCKREY, ADAM K., US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ELECTRICAL DISCHARGE IRRIGATOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'IRRIGATION A DECHARGE ELECTRIQUE**
[72] FREGOSO, GILBERT, US
[72] HECKERMAN, BRAD, US
[72] AVNIEL, YUVAL CHARLES, US
[72] MEUCHEL, DENNIS, US
[73] G&H TECHNOLOGIES, LLC, US
[85] 2016-03-04
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[25] EN
[54] **THERAPEUTICS TARGETING TRUNCATED ADENOMATOUS POLYPOSIS COLI (APC) PROTEINS**
[54] **THERAPIE CIBLANT DES PROTEINES POLYPOSE ADENOMATEUSE FAMILIALE (APC) TRONQUEES**
[72] DEBRABANDER, JEF, US
[72] SHAY, JERRY W., US
[72] WANG, WENTIAN, US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **A DEVICE FOR PROVIDING FLUID TO A RECEPTACLE**
[54] **DISPOSITIF D'ENVOI DE FLUIDE DANS UN RECIPIENT**
[72] HELMERSON, ELISABET, SE
[72] BACKSTROM, FREDRIK, SE
[72] ELLSTROM, ANNA, SE
[73] CARMEL PHARMA AB, SE
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[54] **METHOD AND APPARATUS FOR CONTROLLING A TURBOPROP ENGINE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMANDER UN TURBOPROPULSEUR**
[72] FISHER, EDWARD AARON, US
[72] WRIGHT, SCOTT BRIAN, US
[72] TURNER, JAMES ROBERT, US
[73] UNISON INDUSTRIES, LLC, US
[85] 2016-03-30
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[25] EN
[54] **METHOD AND APPARATUS FOR MITIGATION OF INTERFERENCE DUE TO PEER-TO-PEER COMMUNICATION**
[54] **METHODE ET APPAREIL SERVANT A ATTENUER L'INTERFERENCE ATTRIBUABLE A LA COMMUNICATION POSTE A POSTE**
[72] LI, JUNYI, US
[72] PALANKI, RAVI, US
[73] QUALCOMM INCORPORATED, US
[86] (2925968)
[87] (2925968)
[22] 2010-07-22
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[25] EN
[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**
[54] **CHARGES TRAITEES, COMPOSITIONS LES CONTENANT ET ARTICLES PREPARES A PARTIR DE CES DERNIERES**
[72] EDELMAN, CLINT STEVEN, US
[72] KOLLAH, RAPHAEL, US
[72] MARTIN, JUSTIN JONATHAN, US
[72] OKEL, TIMOTHY ALLEN, US
[72] SMITH, BRITTANY, US
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US
[72] WILT, TRUMAN, US
[73] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] **PROCESS CONTROL SYSTEM, MAINTENANCE SUPPORT DEVICE, AND CONTROLLER**
[54] **MECANISME DE CONTROLE DE PROCEDE, DISPOSITIF DE SOUTIEN D'ENTRETIEN ET CONTROLEUR**
[72] ISHIKAWA, KENJI, JP
[72] HORIKOSHI, YU, JP
[72] OOTSUKA, YUUSAKU, JP
[73] HITACHI, LTD., JP
[73] HITACHI INDUSTRY & CONTROL SOLUTIONS, LTD., JP
[86] (2926352)
[87] (2926352)
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[51] **Int.Cl. H01M 8/04 (2016.01) H02M 3/155 (2006.01) H01M 8/00 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH CURRENT LIMITATION**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] MATSUMOTO, MICHIHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-04-08
[86] 2014-09-10 (PCT/JP2014/073995)
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[25] EN
[54] **DUAL ACTION GRAPPLE APPARATUS**
[54] **APPAREILLAGE DE GRAPPIN DOUBLE ACTION**
[72] MILLER, TIMOTHY D., US
[73] MILLER, TIMOTHY D., US
[86] (2926998)
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[54] **PIPE WRENCH**
[54] **CLE A TUBE**
[72] TIAN, YEQING, CN
[73] SHANGHAI KUNJEK HANDTOOLS AND HARDWARE CO., LTD, CN
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[51] **Int.Cl. H02G 3/08 (2006.01) H02B 1/015 (2006.01) H02G 3/12 (2006.01)**
[25] EN
[54] **INTEGRATED ELECTRICAL ASSEMBLY, ENCLOSURE, MASTER TUB, MULTI-WIRE CONNECTOR, AND JUNCTION BOX**
[54] **ENSEMBLE ELECTRIQUE INTEGRE, ENCEINTE, BAC MAITRE, CONNECTEUR MULTICABLE, ET BOITE DE JONCTION**
[72] TREMAINE, JOHN M., US
[72] TESCHEMAKER, ADRIAN R., US
[73] QTRAN, INC., US
[85] 2016-04-20
[86] 2014-10-20 (PCT/US2014/061320)
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[25] EN
[54] **USE OF SYNTHETIC SMECTITE IN SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE**
[54] **UTILISATION DE SMECTITE SYNTHETIQUE DANS DES COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE**
[72] BOUL, PETER JAMES, US
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS JASON, US
[72] MORGAN, RONNIE GLEN, US
[72] BROTHERS, LANCE EVERETT, US
[72] OTIENO, PAULINE AKINYI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-20
[86] 2014-12-05 (PCT/US2014/068804)
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[30] US (14/098,198) 2013-12-05

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[25] EN
[54] **OPTIMIZING FLOW CONTROL DEVICE PROPERTIES ON INJECTOR WELLS IN LIQUID FLOODING SYSTEMS**
[54] **OPTIMISATION DES PROPRIETES DE DISPOSITIFS DE REGULATION INSTALLES SUR DES PUITS D'INJECTION DANS DES SYSTEMES D'INJECTION DE LIQUIDE**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-04-27
[86] 2013-11-15 (PCT/US2013/070404)
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[25] EN
[54] **AGITATING DEVICE FOR A DIGESTER OF A BIOGAS PLANT AND METHOD FOR MANUFACTURING AN AGITATING DEVICE**
[54] **MOYEN D'AGITATION POUR FERMENTEUR D'UNE INSTALLATION DE BIOGAZ ET PROCEDE DE FABRICATION D'UN MOYEN D'AGITATION**
[72] CZWALUK, ANDREAS, DE
[73] UTS BIOGASTECHNIK GMBH, DE
[85] 2016-05-06
[86] 2014-11-07 (PCT/EP2014/074025)
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[30] DE (10 2013 018 690.0) 2013-11-08

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[51] **Int.Cl. H01L 29/207 (2006.01) H01L 31/0725 (2012.01) H01L 29/737 (2006.01) H01L 31/0256 (2006.01)**
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[54] **APPAREIL MODULAIRE DE TRAITEMENT DES BLESSURES AVEC RACCORDEMENT D'UNE PINCE LIBERABLE**
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[54] **CIRCUIT DE GAZ POUR SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE**
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[54] **SYSTEME ET METHODE DE LIQUEFACTION DE GAZ NATUREL**
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[54] **REGLAGE DYNAMIQUE DU PARAMETRE DE FORCE D'ENVELOPPEMENT EN REPONSE A LA FORCE D'ENVELOPPEMENT CONTROLEE ET/OU POUR LA REDUCTION DES RUPTURES DE FILM**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[72] MCCRAY, JEREMY D., US
[73] LANTECH.COM, LLC, US
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[72] RICHTER, JACOB, IL
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[54] **SYSTEME D'ECLAIRAGE POUR ENDOSCOPE ET PROCEDE DE CREATION D'OMBRE ET PERCEPTION AMELIOREE DE LA PROFONDEUR ET DE DETECTION AMELIOREE DES CONTOURS**
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[54] **METHOD OF INTRODUCTION OF SHOCKWAVES INTO A BLAST FURNACE**
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[72] KANNAPPEL, MARTIN, DE
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[54] **INTEGRATED PIEZOELECTRIC CANTILEVER ACTUATOR AND TRANSISTOR FOR TOUCH INPUT AND HAPTIC FEEDBACK APPLICATIONS**
[54] **ACTIONNEUR CANTILEVER PIEZOELECTRIQUE ET TRANSISTOR INTEGRES DESTINES AUX APPLICATIONS D'ENTREE TACTILE ET DE RETROACTION HAPTIQUE**
[72] FRESCAS, JESUS ALFONSO, SA
[72] AL-HOWAISH, IBRAHIM, SA
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[54] **DISPOSITIF POUR CREER ET AFFICHER UN MOUVEMENT DE MILIEU LIQUIDE DANS UN RECIPIENT CONTENANT UNE SCENE EN DIORAMA**
[72] JAMES, JOSHUA, US
[72] NORTHUP, FRED, US
[72] LARSON, LAWRENCE SCOT, US
[72] KOLENBRANDER, JEREMY, US
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[72] CANNON, ADAM M., US
[72] WALKINGTON, GINNY NEILE, US
[72] THOMAS, MICHAEL WAYNE, US
[72] BRONSON, EMILY BYERLY, US
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[25] EN
[54] **METHOD AND DEVICE FOR WORKING EXTRUDED PROFILE SECTIONS MADE OF MAGNESIUM OR MAGNESIUM ALLOYS, AND LIGHTWEIGHT CONSTRUCTION ELEMENT PRODUCED THEREFROM**
[54] **PROCEDE ET DISPOSITIF DE TRAVAIL DE SECTION DE PROFIL EXTRUDEE FAITE DE MAGNESIUM OU D'ALLIAGES DE MAGNESIUM ET ELEMENT DE CONSTRUCTION LEGER AINSI PRODUIT**
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[72] LINDNER, KARL-HEINZ, DE
[73] BRUHNKE, ULRICH, DE
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[54] **LIQUID JET HEAD AND METHOD FOR PRODUCING SAME, AND LIQUID JET APPARATUS AND IMAGE FORMING APPARATUS**
[54] **TETE A JET DE LIQUIDE ET SON PROCEDE DE FABRICATION, ET APPAREIL A JET DE LIQUIDE ET APPAREIL DE FORMATION D'IMAGE**
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[54] **NETTOYANTS POUR SURFACE DURE A BASE DE COMPOSITIONS ISSUES DE METATHESE D'HUILE NATURELLE**
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[72] MASTERS, RONALD A., US
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[54] **CARTOUCHES POUR LE DEPOT DE COMPOSITIONS DE TRAITEMENT SUR DES SURFACES KERATINIQUES**
[72] RABE, THOMAS ELLIOT, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BUSH, STEPHAN GARY, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
[72] KUHLMAN, DENNIS EUGENE, US
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[54] **SUIVI OPTIQUE DE COMMANDE D'ELEMENTS DE SPECTACLE PYROTECHNIQUE**
[72] CORTELYOU, ROBERT J., US
[72] BLUM, STEVEN C., US
[72] KIDDOO, MICHAEL R., US
[73] UNIVERSAL CITY STUDIOS LLC, US
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[54] **METHODES, SYSTEMES ET APPAREILS DE RECYCLAGE DE L'EAU FISCHER-TROPSCH ETGAZ D'ECHAPPEMENT FISCHER-TROPSCH**
[72] BONNELL, LEO, US
[72] SANTOS, MIGUEL A. F., US
[72] GOLCZYNSKI, SCOTT, US
[72] LOGUE, BRUCE ALLEN, US
[73] SGCE LLC, US
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[54] **GELULES MOLLES GASTRO-RESISTANTES ENTIEREMENT NATURELLES, COMPRENANT DES PRINCIPES ACTIFS**
[72] HU, YUNHUA, US
[72] PIEST, MARTIN, NL
[72] FANG, QI, US
[72] VAN DUIJNHOVEN, HENRICUS M.G.M., NL
[73] PATHEON SOFTGELS INC., US
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[54] **SYSTEM AND FLOW ADAPTIVE SENSORLESS PUMPING CONTROL APPARATUS FOR ENERGY SAVING PUMPING APPLICATIONS**
[54] **SYSTEME ET APPAREIL DE COMMANDE DE POMPAGE ADAPTATIF DE DEBIT SANS CAPTEUR POUR DES APPLICATIONS DE POMPAGE A ECONOMIE D'ENERGIE**
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[72] GU, JAMES J., US
[72] SCOTT, GRAHAM A., US
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[54] **CUSTOMIZABLE APPARATUS AND METHOD FOR TRANSPORTING AND DEPOSITING FLUIDS**
[54] **APPAREIL ET PROCEDE PERSONNALISABLES POUR TRANSPORTER ET DEPOSER DES FLUIDES**
[72] BYRNE, THOMAS TIMOTHY, US
[72] PRODOEHL, MICHAEL SCOTT, US
[72] MCNEIL, KEVIN BENSON, US
[72] MELLIN, GUSTAV ANDRE, US
[72] CHEN, HAIBIN, US
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[72] MULCHANDANI, SHAAN, US
[72] HASSANZADEH, AMIN, US
[72] HOVOR, ELVIS, US
[72] MODI, SHIMON, US
[72] NEGM, WALID, US
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE SIGNAL D'UN TERMINAL DE DISPOSITIF A DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] CHAE, HYUKJIN, KR
[72] SEO, HANBYUL, KR
[72] KIM, YOUNGTAE, KR
[73] LG ELECTRONICS INC., KR
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[30] US (62/033,637) 2014-08-05
[30] US (62/041,640) 2014-08-25

[11] **2,951,534**
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) G01N 11/02 (2006.01)**
[25] EN
[54] **VARIABLE DIAMETER VISCOMETER FOR EVALUATING WELL FLUIDS**
[54] **VISCOSIMETRE A DIAMETRE VARIABLE POUR EVALUER DES FLUIDES DE PUITS**
[72] JAMISON, DALE E., US
[72] MATTHEWS, KENNETH HEIDT, US
[72] VOS, ANDREW DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-07
[86] 2014-07-31 (PCT/US2014/049273)
[87] (WO2016/018405)

[11] **2,951,614**
[13] C
[51] **Int.Cl. C10L 1/06 (2006.01) C10G 55/06 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HIGH OCTANE GASOLINE COMPONENT FROM RENEWABLE RAW MATERIAL**
[54] **UN PROCEDE DE PRODUCTION DE COMPOSANTE DE GAZOLINE A INDICE D'OCTANE ELEVE A PARTIR DE MATERIAU BRUT RENOUVELABLE**
[72] SUNDBERG, AARNE, FI
[72] AALTONEN, HEIKKI, FI
[72] KARVO, ANNA, FI
[72] VIRTANEN, JUHA-PEKKA, FI
[73] NESTE OYJ, FI
[86] (2951614)
[87] (2951614)
[22] 2016-12-14
[30] FI (20156043) 2015-12-31

[11] **2,953,161**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DRILLING A BOREHOLE**
[54] **PROCEDE ET SYSTEME DE FORAGE D'UN TROU DE FORAGE**
[72] GILLIS, IAN G., CA
[73] IGGILLIS HOLDINGS INC., CA
[85] 2016-12-21
[86] 2015-06-23 (PCT/CA2015/000410)
[87] (WO2015/196274)
[30] US (62/016,197) 2014-06-24

[11] **2,953,328**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/26 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **FORMATION DENSITY OR ACOUSTIC IMPEDANCE LOGGING TOOL**
[54] **OUTIL DE DIAGRAPHIE DE DENSITE DE FORMATION OU D'IMPEDANCE ACOUSTIQUE**
[72] CHEMALI, ROLAND E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-21
[86] 2014-07-18 (PCT/US2014/047239)
[87] (WO2016/010559)

[11] **2,953,393**
[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **AUTOMATIC MEDICATION INJECTION DEVICE WITH VISIBLE INDICATION OF INJECTING PROGRESS**
[54] **DISPOSITIF D'INJECTION DE MEDICAMENT AUTOMATIQUE AYANT UNE INDICATION VISIBLE DE PROGRESSION D'INJECTION**
[72] DENNIS, JOSEPH DANIEL, JR., US
[72] MODLICH, JESSICA DIANE, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-12-21
[86] 2015-08-07 (PCT/US2015/044219)
[87] (WO2016/025316)
[30] US (62/037,826) 2014-08-15

[11] **2,953,612**
[13] C
[51] **Int.Cl. H04L 29/10 (2006.01) H04L 12/935 (2013.01) B64D 47/00 (2006.01) G06F 13/00 (2006.01) H04L 12/413 (2006.01)**
[25] EN
[54] **PROVIDING AN INTERFACE FOR AN AVIONICS DATA TRANSFER SYSTEM**
[54] **FOURNITURE D'UNE INTERFACE DESTINEE A UN MECANISME DE TRANSFERT DE DONNEES D'AVIONIQUE**
[72] VAN STENSEL, JONATHAN PAUL, US
[72] HOLMWOOD, COLIN, US
[72] MOLLING, HARRY, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2953612)
[87] (2953612)
[22] 2017-01-05
[30] US (14/990,965) 2016-01-08

[11] **2,954,579**
[13] C
[51] **Int.Cl. F16C 17/00 (2006.01) F16C 17/02 (2006.01) F16C 29/02 (2006.01) F16C 33/20 (2006.01)**
[25] FR
[54] **SELF-LUBRICATING COMPOSITE FRICTION PART**
[54] **PIECE COMPOSITE DE FROTTEMENT AUTOLUBRIFIANTE**
[72] MASSE, EMMANUEL, FR
[72] BLANDENET, OLIVIER, FR
[73] H.E.F., FR
[85] 2017-01-09
[86] 2015-06-29 (PCT/FR2015/051765)
[87] (WO2016/009124)
[30] FR (1456836) 2014-07-16

[11] **2,955,701**
[13] C
[51] **Int.Cl. H01M 8/2465 (2016.01) B60L 50/70 (2019.01)**
[25] EN
[54] **FUEL CELL UNIT AND VEHICLE HAVING FUEL CELL UNIT**
[54] **MODULE DE PILE A COMBUSTIBLE ET MODULE DE PILE A COMBUSTIBLE DE VEHICULE**
[72] KATANO, KOJI, JP
[72] SEKINE, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2955701)
[87] (2955701)
[22] 2017-01-20
[30] JP (2016-011201) 2016-01-25
[30] JP (2016-123160) 2016-06-22

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[13] C
[51] **Int.Cl. B66B 1/24 (2006.01) B66B 9/04 (2006.01) B66F 7/20 (2006.01) F15B 21/14 (2006.01)**
[25] EN
[54] **A MULTI-CYLINDER SYNCHRONOUS ENERGY-SAVING AND EFFICIENT HYDRAULIC LIFT SYSTEM AND METHOD THEREOF**
[54] **UN MECANISME HYDRAULIQUE EFFICACE ET ECOENERGETIQUE SYNCHRONE MULTI-PISTON ET METHODE ASSOCIEE**
[72] CAO, GUOHUA, CN
[72] HUANG, YUHONG, CN
[72] ZHU, ZHENCAI, CN
[72] PENG, WEIHONG, CN
[72] PENG, YUXING, CN
[72] LIU, SHANZENG, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2017-06-16
[86] 2015-12-22 (PCT/CN2015/098171)
[87] (WO2017/071027)
[30] CN (201510706232.3) 2015-10-27

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[13] C
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSHI, KIYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-20
[86] 2015-06-03 (PCT/JP2015/066049)
[87] (WO2016/013304)
[30] JP (2014-151272) 2014-07-24

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[13] C
[51] **Int.Cl. H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **DISPOSITIF DE COMMANDE DE PILE A COMBUSTIBLE**
[72] KANEKO, YOUHEI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-24
[86] 2014-07-24 (PCT/JP2014/069625)
[87] (WO2016/013092)

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[13] C
[51] **Int.Cl. G06F 17/28 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **LANGUAGE CONTENT TRANSLATION**
[54] **TRADUCTION DE CONTENU DE LANGUE**
[72] KIDWAI, YURSIL A., US
[72] GENSBURG, WILLIAM, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2017-01-12
[86] 2015-05-27 (PCT/US2015/032512)
[87] (WO2016/010633)
[30] US (14/332,717) 2014-07-16

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[13] C
[51] **Int.Cl. G09F 9/33 (2006.01)**
[25] EN
[54] **DYNAMIC MESSAGING SIGN**
[54] **PANNEAU D'AFFICHAGE DYNAMIQUE**
[72] SAFAVI, RAMIN, CA
[72] POON, RAYMOND SIU MING, CA
[72] VOLONCHINE, VLADIMIR A., CA
[72] WONG, COEMAN LAM SANG, CA
[73] LUMINATOR HOLDING, L.P., US
[86] (2956288)
[87] (2956288)
[22] 2003-07-16
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[30] US (60/437,029) 2002-12-31

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[51] **Int.Cl. B65D 5/38 (2006.01) B65D 5/72 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN CHILD-RESISTANT PACKAGES**
[54] **PERFECTIONNEMENTS APPORTES A DES EMBALLAGES DOTES D'UNE SECURITE ENFANT**
[72] PARKER, ALEXANDER, GB
[72] WHARTON, BURGO, GB
[73] DUALLOK LIMITED, GB
[85] 2017-01-25
[86] 2015-07-27 (PCT/GB2015/052166)
[87] (WO2016/012816)
[30] GB (1413263.3) 2014-07-25

[11] **2,956,917**
[13] C
[51] **Int.Cl. B64C 25/50 (2006.01) F16F 7/10 (2006.01)**
[25] FR
[54] **AIRCRAFT LANDING GEAR INCLUDING A MAIN SHOCK ABSORBER AND A SECONDARY, ANTI-SHIMMY SHOCK ABSORBER**
[54] **ATTERRISSEUR POUR AERONEF COMPORTANT UN AMORTISSEUR PRINCIPAL ET UN AMORTISSEUR SECONDAIRE ANTI SHIMMY**
[72] DAUPHIN, FLORENT, FR
[72] FORTIER, FLORENT, FR
[72] DUBOIS, SEBASTIEN, FR
[73] SAFRAN LANDING SYSTEMS, FR
[86] (2956917)
[87] (2956917)
[22] 2017-02-01
[30] FR (16 51081) 2016-02-10

[11] **2,956,921**
[13] C
[51] **Int.Cl. F41B 11/50 (2013.01) F41B 11/57 (2013.01) F41B 11/721 (2013.01)**
[25] EN
[54] **MAGNETICALLY-CHAMBERED FULLY AUTOMATIC AIR GUN**
[54] **PISTOLET A AIR COMPLETEMENT AUTOMATIQUE A CHAMBRE MAGNETIQUE**
[72] MARSHALL, JAMES NICHOLAS, US
[73] MARSHALL, JAMES NICHOLAS, US
[85] 2017-01-31
[86] 2015-07-27 (PCT/US2015/042197)
[87] (WO2016/018790)
[30] US (14/449,550) 2014-08-01

[11] **2,957,510**
[13] C
[51] **Int.Cl. H02H 3/33 (2006.01) H01H 83/02 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **ELECTRIC LEAKAGE PROTECTION DEVICE AND FEED CONTROL DEVICE**
[54] **DISPOSITIF DE PROTECTION CONTRE LES FUITES ELECTRIQUES ET DISPOSITIF DE COMMANDE D'ALIMENTATION**
[72] FUKUO, NAOKI, JP
[72] YAMATO, KOJI, JP
[72] KAWAHARA, HIDEKI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-02-07
[86] 2015-02-26 (PCT/JP2015/000974)
[87] (WO2016/021088)
[30] JP (2014-161726) 2014-08-07

[11] **2,958,097**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **PYRROLOPYRIMIDINE COMPOUNDS USED AS TLR7 AGONIST**
[54] **COMPOSES PYRROLOPYRIMIDINE UTILISES EN TANT QU'AGONISTES DU TLR7**
[72] DING, ZHAOZHONG, CN
[72] WU, HAO, CN
[72] SUN, FEI, CN
[72] WU, LIFANG, CN
[72] YANG, LING, CN
[73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2017-02-14
[86] 2015-08-14 (PCT/CN2015/086909)
[87] (WO2016/023511)
[30] CN (201410405136.0) 2014-08-15
[30] CN (201510392499.X) 2015-07-06

[11] **2,958,126**
[13] C
[51] **Int.Cl. B08B 5/00 (2006.01) B64F 5/30 (2017.01) B64D 33/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **DRY DETERGENT FOR CLEANING GAS TURBINE ENGINE COMPONENTS**
[54] **DETERGENT SEC DESTINE AU NETTOYAGE DE COMPOSANTES DE TURBINE A GAZ**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] KULKARNI, AMBARISH JAYANT, US
[72] TIBBETTS, NICOLE JESSICA, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2958126)
[87] (2958126)
[22] 2017-02-16
[30] US (15/057,168) 2016-03-01

[11] **2,958,178**
[13] C
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **DIRECTIONAL DRILLING METHODS AND SYSTEMS EMPLOYING MULTIPLE FEEDBACK LOOPS**
[54] **PROCEDES ET SYSTEMES DE FORAGE DIRECTIONNEL UTILISANT DE MULTIPLES BOUCLES D'ASSERVISSEMENT**
[72] DYKSTRA, JASON D., US
[72] XUE, YUZHEN, US
[72] BU, FANPING, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-14
[86] 2014-09-16 (PCT/US2014/055945)
[87] (WO2016/043724)

[11] **2,958,244**
[13] C
[51] **Int.Cl. B21D 17/04 (2006.01) B21D 22/16 (2006.01)**
[25] EN
[54] **ROLLER FOR ROLL FORMING**
[54] **ROULEAU DE PROFILAGE**
[72] OLESINSKA, PAULINA A., US
[72] REILLY, WILLIAM C., US
[73] VICTAULIC COMPANY, US
[85] 2017-02-15
[86] 2015-08-07 (PCT/US2015/044129)
[87] (WO2016/032722)
[30] US (62/043,591) 2014-08-29
[30] US (14/813,215) 2015-07-30

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[13] C
[51] **Int.Cl. A61K 38/20 (2006.01) A61K 35/30 (2015.01)**
[25] EN
[54] **METHODS TO ENHANCE NERVE REGENERATION UTILIZING NEURAL STEM CELLS AND IL12P40**
[54] **PROCEDES POUR AMELIORER UNE REGENERATION NERVEUSE UTILISANT DES CELLULES SOUCHES NEURALES ET IL12P40**
[72] CHIU, ING-MING, TW
[72] CHI, YA-HUI, TW
[72] LEE, DON-CHING, TW
[73] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2017-02-15
[86] 2015-08-14 (PCT/CA2015/050775)
[87] (WO2016/023130)
[30] US (62/037,612) 2014-08-15

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[13] C
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **WELL CONSTRUCTION REAL-TIME TELEMETRY SYSTEM**
[54] **SYSTEME DE TELEMETRIE EN TEMPS REEL POUR LA CONSTRUCTION DE PUITS**
[72] BROWN-KERR, WILLIAM, GB
[72] MCGARIAN, BRUCE HERMANN FORSYTH, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-09-23 (PCT/US2014/056929)
[87] (WO2016/048280)

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[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **EXTENDED-LIFE CEMENT COMPOSITIONS COMPRISING RED MUD SOLIDS**
[54] **COMPOSITIONS DE CIMENT A DUREE DE VIE PROLONGEE COMPRENANT DES SOLIDES DE BOUES ROUGES**
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] MARTINEZ, JUAN HUMBERTO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-21
[86] 2014-10-28 (PCT/US2014/062611)
[87] (WO2016/068874)

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[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REDUCING INTRAOCULAR PRESSURE**
[54] **DISPOSITIF ET METHODE PERMETTANT DE REDUIRE LA PRESSION INTRAOCULAIRE**
[72] CAMRAS, LUCINDA J., US
[72] ALLINGHAM, R. RAND, US
[72] KLITZMAN, BRUCE, US
[72] ASRANI, SANJAY, US
[73] CAMRAS VISION INC., US
[85] 2017-02-27
[86] 2015-08-27 (PCT/US2015/047080)
[87] (WO2016/033270)
[30] US (14/473,228) 2014-08-29

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[13] C
[51] **Int.Cl. E04H 12/24 (2006.01) E04H 12/10 (2006.01) H02G 7/20 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION TOWER**
[54] **TOUR DE TRANSMISSION DE PUISSANCE**
[72] MA, BIN, CN
[72] YU, JIE, CN
[72] QIU, YONG, CN
[73] JIANGSU SHENMA ELECTRIC CO., LTD., CN
[85] 2017-02-28
[86] 2015-08-31 (PCT/CN2015/088610)
[87] (WO2016/034093)
[30] CN (201410441344.6) 2014-09-01

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[13] C
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **ACCESS CONTROL SYSTEM AND ACCESS CONTROL METHOD**
[54] **SYSTEME DE CONTROLE D'ACCES ET PROCEDE DE CONTROLE D'ACCES**
[72] KIYOKAWA, YUUICHI, JP
[72] INOUE, KOUJI, JP
[72] NAKAYAMA, RYUUJI, JP
[72] OTA, HIROYUKI, JP
[73] HITACHI SOLUTIONS, LTD., JP
[85] 2017-02-28
[86] 2016-01-06 (PCT/JP2016/050210)
[87] (WO2016/152181)
[30] JP (2015-062999) 2015-03-25

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[13] C
[51] **Int.Cl. H04L 1/22 (2006.01) H04N 19/89 (2014.01) H03M 13/11 (2006.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF 5/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_16 200 BITS ET UN TAUX DE CODE DE 5/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2959613)
[87] (2959613)
[22] 2014-09-25
[62] 2,864,694
[30] KR (10-2014-0106176) 2014-08-14
[30] KR (10-2014-0120011) 2014-09-11

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[13] C
[51] **Int.Cl. H04L 1/22 (2006.01) H04N 19/89 (2014.01) H03M 13/11 (2006.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF 3/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE_16 200 BITS ET UN TAUX DE CODE DE 3/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2959619)
[87] (2959619)
[22] 2014-09-25
[62] 2,864,635
[30] KR (10-2014-0106174) 2014-08-14
[30] KR (10-2014-0120009) 2014-09-11

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[13] C
[51] **Int.Cl. G06F 9/48 (2006.01) G06F 9/455 (2018.01) H04L 12/24 (2006.01)**
[25] EN
[54] **VIRTUAL DESKTOP MIGRATION**
[54] **MIGRATION DE BUREAU VIRTUEL**
[72] THOMAS, NATHAN BARTHOLOMEW, US
[72] FARRELL, EUGENE MICHAEL, US
[72] TELLVIK, ERIK JONATHON, US
[72] MEHTA, GAURANG PANKAJ, US
[72] SURYANARAYANAN, DEEPAK, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-01
[86] 2015-09-22 (PCT/US2015/051480)
[87] (WO2016/049042)
[30] US (14/494,157) 2014-09-23

[11] **2,960,238**
[13] C
[51] **Int.Cl. H04N 19/103 (2014.01) H04N 19/107 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE ENCODING AND DECODING USING PIXEL ADAPTIVE OFFSET PROCESS**
[54] **CODAGE ET DECODAGE D'IMAGE AU MOYEN D'UN PROCEDE DE DECALAGE ADAPTATIF DE PIXEL**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] HIWASA, NORIMICHI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2960238)
[87] (2960238)
[22] 2013-04-03
[62] 2,868,255
[30] JP (2012-092038) 2012-04-13
[30] JP (2012-101227) 2012-04-26

[11] **2,960,688**
[13] C
[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **WEATHER BARRIER APPARATUSES FOR SEALING OR SHELTERING VEHICLES AT LOADING DOCKS**
[54] **APPAREILS SERVANT DE BARRIERE CONTRE LES INTEMPERIES POUR FERMER HERMETIQUEMENT OU ABRITER DES VEHICULES STATIONNES SUR DES QUAIS DE CHARGEMENT**
[72] DIGMANN, CHARLES, US
[72] HOFFMANN, DAVID J., US
[72] BORGERDING, GARY, US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2017-03-08
[86] 2014-12-12 (PCT/US2014/070027)
[87] (WO2016/039790)
[30] US (14/483,956) 2014-09-11

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[13] C
[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **PASTY TWO-COMPONENT POLYMETHACRYLATE BONE CEMENT**
[54] **CIMENT ORTHOPEDIQUE EN POLYMETHACRYLATE A DOUBLE COMPOSANT PATEUX**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2961022)
[87] (2961022)
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[54] **DUAL AXLE SKATEBOARD**
[54] **PLANCHE A ROULETTES A DOUBLE ESSIEU**
[72] MARUSIAK, JOHN R., US
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[73] KARSTEN MANUFACTURING CORPORATION, US
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[54] **CARTRIDGE INSERTION MECHANISM FOR A FLUID DELIVERY DEVICE**
[54] **MECANISME D'INSERTION DE CARTOUCHE POUR DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] GREGORY, CHRISTOPHER C., US
[73] VALERITAS, INC., US
[85] 2017-03-16
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[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **METHODS OF USING RETROFITTED INJECTION MOLDING MACHINES WITH FASTER CYCLE TIMES**
[54] **PROCEDES D'UTILISATION DE MACHINES DE MOULAGE PAR INJECTION RE-ADAPTEES A DUREES DE CYCLE PLUS RAPIDE**
[72] ALTONEN, GENE MICHAEL, US
[72] DODD, MICHAEL THOMAS, US
[73] IMFLUX INC., US
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[25] EN
[54] **RAIL MANUFACTURING METHOD AND RAIL MANUFACTURING APPARATUS**
[54] **PROCEDE DE FABRICATION DE RAIL ET APPAREIL DE FABRICATION DE RAIL**
[72] OKUSHIRO, KENJI, JP
[72] KIJIMA, HIDEO, JP
[72] FUKUDA, HIROYUKI, JP
[72] YAMAGUCHI, MORIYASU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2017-03-21
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[25] EN
[54] **REGULATORY T CELL EPITOPES, COMPOSITIONS AND USES THEREOF**
[54] **EPITOPES DE LYMPHOCYTES T REGULATEURS, COMPOSITIONS ET UTILISATIONS DE CEUX-CI**
[72] DE GROOT, ANNE, US
[72] MARTIN, WILLIAM, US
[72] RIVERA, DAN, US
[73] EPIVAX, INC., US
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[25] EN
[54] **REPAIRING A MODEL ASSOCIATED TO A SIMULATED INTERACTIVE OBJECT**
[54] **REPARATION D'UN MODELE ASSOCIE A UN OBJET INTERACTIF SIMULE**
[72] MYRAND-LAPIERRE, VINCENT, CA
[73] CAE INC., CA
[86] (2963253)
[87] (2963253)
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[25] EN
[54] **CONTINUOUS MONITORING OF A MODEL IN AN INTERACTIVE COMPUTER SIMULATION STATION**
[54] **SURVEILLANCE CONTINUE D'UN MODELE DANS UNE STATION DE SIMULATION INFORMATIQUE INTERACTIVE**
[72] MYRAND-LAPIERRE, VINCENT, CA
[73] CAE INC., CA
[86] (2963307)
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[54] **AMMUNITION STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE MUNITIONS**
[72] LUNG, KEVIN, US
[72] HAYES, STEVEN W., US
[72] MARTINEZ, MATTHEW, US
[72] RHODES, DAVID, US
[72] MUELLER, FRANK, US
[73] MOOG INC., US
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[54] **ONE TURN ACTUATED DURATION SPRAY DISPENSER**
[54] **DISTRIBUTEUR A PULVERISATION ET A DUREE ACTIVEE PAR UN TOUR**
[72] BLAKE, WILLIAM SYDNEY, US
[73] ALTERNATIVE PACKAGE SOLUTIONS, LLC, US
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[51] **Int.Cl. H04N 19/96 (2014.01)**
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[54] **METHOD OF VIDEO CODING USING BINARY TREE BLOCK PARTITIONING**
[54] **PROCEDE DE CODAGE VIDEO UTILISANT UN PARTITIONNEMENT DE BLOCS EN ARBRE BINAIRE**
[72] AN, JICHENG, CN
[72] CHEN, YI-WEN, CN
[72] ZHANG, KAI, CN
[73] MEDIATEK SINGAPORE PTE. LTD., SG
[85] 2017-05-02
[86] 2015-12-09 (PCT/CN2015/096761)
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[51] **Int.Cl. B66B 17/34 (2006.01) B66B 1/02 (2006.01) B66B 17/14 (2006.01)**
[25] EN
[54] **HOIST SYSTEM AND METHOD FOR CONTROLLING THE HOIST SYSTEM**
[54] **SYSTEME DE LEVAGE ET PROCEDE DE COMMANDE DU SYSTEME DE LEVAGE**
[72] QIU, PEILIN, CN
[72] SONG, WEIHAN, CN
[73] ABB SCHWEIZ AG, CH
[85] 2017-05-03
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[54] **MACHINING TOOL**
[54] **OUTIL POUR L'USINAGE PAR ENLEVEMENT DE COPEAUX**
[72] BURTSCHER, PETER, AT
[72] PRAST, JOSEF, AT
[73] CERATIZIT AUSTRIA GESELLSCHAFT M.B.H., AT
[85] 2017-05-10
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[25] EN
[54] **INTRAMEDULLARY ANKLE TECHNIQUE AND SYSTEM**
[54] **TECHNIQUE ET SYSTEME DE CHEVILLE INTRA-MEDULLAIRE**
[72] LUNA, RAMON, US
[72] TALLEY, MATTHEW, US
[72] PETTEYS, CHRISTINE M., US
[72] REYNOLDS, DAVID, US
[72] STEMNISKI, PAUL, US
[72] OBERT, RICHARD, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATING INFLUENZA**
[54] **COMPOSES ET PROCEDES POUR TRAITER LA GRIPPE**
[72] ROSSIGNOL, JEAN-FRANCOIS, US
[72] SEMPLE, J. EDWARD, US
[73] ROMARK LABORATORIES L.C., US
[86] (2968113)
[87] (2968113)
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[25] EN
[54] **CONTROL DEVICE AND CONTROL METHOD OF OPENING AND CLOSING MEMBER FOR VEHICLE**
[54] **DISPOSITIF ET PROCEDE POUR COMMANDER UN ELEMENT D'OUVERTURE/DE FERMETURE DE VEHICULE**
[72] KIKUTA, TAKASHI, JP
[73] AISIN SEIKI KABUSHIKI KAISHA, JP
[85] 2017-05-24
[86] 2015-09-25 (PCT/JP2015/004879)
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[25] EN
[54] **SHAPING DEVICE AND SHAPING METHOD FOR ROLLER ELECTRODE FOR SEAM WELDING**
[54] **DISPOSITIF DE MISE EN FORME ET PROCEDE DE MISE EN FORME POUR ELECTRODE A ROULEAU A DES FINS DE SOUDAGE A LA MOLETTE**
[72] YAMAASHI, KAZUHIKO, JP
[72] KODAMA, TETSUYA, JP
[72] SHIGEMATSU, NORIAKI, JP
[72] YOSHIMICHI, HITOSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2017-06-02
[86] 2015-12-01 (PCT/JP2015/083702)
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[30] JP (2014-247121) 2014-12-05
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 9/00 (2006.01)**
[25] EN
[54] **TRACEABLE MICRO-ELECTRO-MECHANICAL SYSTEMS FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **MICROSYSTEMES ELECTROMECANIQUES TRACABLES DESTINES A ETRE UTILISES DANS DES FORMATIONS SOUTERRAINES**
[72] RODDY, CRAIG WAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **CONTAINER WITH COATING**
[54] **RECIPIENT A REVETEMENT**
[72] GILPATRICK, WILLIAM, US
[72] SLOAT, JEFFREY, T., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2017-06-08
[86] 2016-02-25 (PCT/US2016/019467)
[87] (WO2016/138206)
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[25] EN
[54] **APPARATUS AND METHOD FOR PREPARING GRAPHENE BY EXFOLIATION OF GRAPHITE USING A PULSED OR CAVITATING WATERJET**
[54] **APPAREIL ET METHODE DE PREPARATION DE GRAPHENE PAR EXFOLIATION DE GRAPHITE AU MOYEN D'UN JET D'EAU PULSE OU CAVITANT**
[72] YAN, WENZHUO, CA
[72] VIJAY, MOHAN, CA
[72] TIEU, ANDREW, CA
[72] XU, MEISHENG, CA
[72] DANIELS, BRUCE, CA
[73] VLN ADVANCED TECHNOLOGIES INC., CA
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[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2017-06-27
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[87] (WO2016/129579)
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[25] EN
[54] **CUTTING WHEELS AND KNIFE ASSEMBLIES THEREOF FOR CUTTING PRODUCTS**
[54] **ROULETTES COUPANTES ET ENSEMBLES COUTEAUX ASSOCIES POUR DECOUPER DES PRODUITS**
[72] MCCRACKEN, ANTHONY A., US
[72] JACKO, MICHAEL SCOT, US
[73] URSCHEL LABORATORIES, INC., US
[85] 2017-06-29
[86] 2016-04-06 (PCT/US2016/026101)
[87] (WO2016/164381)
[30] US (62/143,380) 2015-04-06
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[51] **Int.Cl. H03B 5/30 (2006.01) H01P 1/20 (2006.01) H04B 1/04 (2006.01)**
[25] EN
[54] **AMPLITUDE-NOISE REDUCTION SYSTEM AND METHOD FOR ULTRA-LOW PHASE-NOISE OSCILLATORS**
[54] **SYSTEME DE REDUCTION DE BRUIT D'AMPLITUDE ET PROCEDE POUR OSCILLATEURS A TRES FAIBLE BRUIT DE PHASE**
[72] DESROCHERS II, ROBERT E., US
[72] MOORE, GARY IAN, AU
[73] RAYTHEON COMPANY, US
[85] 2017-07-11
[86] 2016-01-15 (PCT/US2016/013544)
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[51] **Int.Cl. B01D 11/02 (2006.01) A61K 36/00 (2006.01) A23L 33/105 (2016.01)**
[25] EN
[54] **SUPERFLUID EXTRACTION APPARATUS**
[54] **APPAREIL D'EXTRACTION DE SUPERFLUIDE**
[72] SEABROOK, JAMES ANTHONY, CA
[72] MACKINTOSH, RYAN ALASTAIR, CA
[73] VITALIS EXTRACTION TECHNOLOGY INC., CA
[86] (2974202)
[87] (2974202)
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[51] **Int.Cl. B07B 4/08 (2006.01) C01B 33/037 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLASSIFYING AND DEDUSTING GRANULAR POLYSILICON**
[54] **APPAREIL ET METHODE DE CLASSIFICATION ET DEPOUSSIERAGE DE POLYSILICONE GRANULAIRE**
[72] FRICKE, MICHAEL, DE
[72] BRIXEL, MARTIN, DE
[72] ENGGRUBER, ROBERT, DE
[72] HAUSWIRTH, RAINER, DE
[73] WACKER CHEMIE AG, DE
[85] 2017-07-19
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[30] DE (10 2015 206 849.8) 2015-04-16

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[51] **Int.Cl. C04B 41/86 (2006.01)**
[25] EN
[54] **PRODUCTION OF GLAZED, HIGH DENSITY ENGINEERED SURFACE PRODUCTS**
[54] **PRODUCTION DE PRODUITS PRESENTANT UNE SURFACE DE HAUTE TECHNOLOGIE, VERNIE, DE HAUTE DENSITE**
[72] DELORENZO, JOSEPH F., US
[73] DELORENZO, JOSEPH F., US
[85] 2017-07-26
[86] 2016-02-02 (PCT/US2016/016179)
[87] (WO2016/126709)
[30] US (62/113,286) 2015-02-06
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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **DESIGN, SYNTHESIS AND METHODS OF USE OF ACYCLIC FLEXIMER NUCLEOSIDE ANALOGUES HAVING ANTI-CORONAVIRUS ACTIVITY**
[54] **CONCEPTION, SYNTHESE ET PROCEDES D'UTILISATION D'ANALOGUES DE NUCLEOSIDE FLEXIMER ACYCLIQUE PRESENTANT UNE ACTIVITE ANTI-CORONAVIRUS**
[72] RADTKE, KATHERINE L., US
[72] PETERS, HANNAH L., US
[72] NEYTS, JOHAN, BE
[72] JOCHMANS, DIRK, BE
[72] SNIJDER, ERIC J., NL
[73] UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, US
[73] KATHOLIEK UNIVERSITEIT LEUVEN, BE
[73] LIEDEN UNIVERSITY MEDICAL CENTER, NL
[85] 2017-07-28
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[30] US (62/109,667) 2015-01-30
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[25] EN
[54] **CHASSIS COMPONENT, METHOD FOR PRODUCING SAME, AND USE**
[54] **ELEMENT DE CHASSIS, PROCEDE DE FABRICATION ET D'UTILISATION DUDIT ELEMENT DE CHASSIS**
[72] KLAUKE, PETER, DE
[72] DINTER, MELANIE, DE
[72] KLEINSCHMIDT, OLIVER, DE
[72] LEWE, TOBIAS, DE
[72] JENTSCH, KAI-UWE, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2017-08-02
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[25] EN
[54] **BICYCLE RETAINER**
[54] **DISPOSITIF DE RETENUE DE BICYCLETTE**
[72] NAKAGIRI, TAKAHISA, JP
[73] NIPPON SHARYO, LTD., JP
[85] 2017-08-15
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[25] EN
[54] **WATER EXTRACTS OF CINNAMON AND RADIX ASTRAGALI**
[54] **EXTRAITS AQUEUX DE CANNELLE ET DE RADIX ASTRAGALI**
[72] CHENG, NANZHENG, US
[73] CHENG, NANZHENG, US
[85] 2017-08-16
[86] 2015-07-27 (PCT/US2015/042215)
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[51] **Int.Cl. G01V 5/12 (2006.01)**
[25] EN
[54] **METHODS AND MEANS FOR CREATING THREE-DIMENSIONAL BOREHOLE IMAGE DATA**
[54] **PROCEDES ET MOYENS DE CREATION DE DONNEES D'IMAGE D'UN TROU DE FORAGE EN TROIS DIMENSIONS**
[72] SOFIIENKO, ANDRII, NO
[72] PONCE, DAVID, NO
[72] VOLL, ADNE, NO
[72] TEAGUE, PHILIP, US
[73] VISURAY INTECH LTD., VG
[73] TEAGUE, PHILIP, US
[85] 2017-09-28
[86] 2014-10-01 (PCT/IB2014/064991)
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[30] US (14/231,368) 2014-03-31

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[51] **Int.Cl. E21B 41/00 (2006.01) H01M 6/50 (2006.01) H02J 9/00 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **POWER SOURCE FOR COMPLETION APPLICATIONS**
[54] **SOURCE D'ENERGIE DESTINEE A DES APPLICATIONS DE COMPLETION**
[72] TEODORESCU, SORIN G., US
[72] RING, LEV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2981727)
[87] (2981727)
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[51] **Int.Cl. B62D 55/08 (2006.01) B62D 55/104 (2006.01)**
[25] EN
[54] **PROGRESSIVE DAMPING SYSTEM FOR A TRACK SYSTEM**
[54] **SYSTEME D'AMORTISSEMENT PROGRESSIF POUR UN SYSTEME DE CHENILLE**
[72] SAUVAGEAU, YVES, CA
[72] PELLERIN, JONATHAN, CA
[73] SOUCY INTERNATIONAL INC., CA
[85] 2017-10-10
[86] 2016-04-11 (PCT/CA2016/050418)
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[30] US (62/146,140) 2015-04-10

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[25] EN
[54] **DYNAMIC TENSIONER LOCKING DEVICE FOR A TRACK SYSTEM AND METHOD THEREOF**
[54] **DISPOSITIF DE VERROUILLAGE DE TENDEUR DYNAMIQUE POUR UN SYSTEME DE RAIL ET PROCEDE ASSOCIE**
[72] SAUVAGEAU, YVES, CA
[72] LEGER, ANDRE, CA
[73] SOUCY INTERNATIONAL INC., CA
[85] 2017-10-10
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[25] EN
[54] **AUTONOMOUS FLOW CONTROL DEVICE AND METHOD FOR CONTROLLING FLOW**
[54] **DISPOSITIF DE REGULATION D'ECOULEMENT AUTONOME ET PROCEDE DE REGULATION D'ECOULEMENT**
[72] GONZALEZ, JOSE RAFAEL, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
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[86] 2016-03-29 (PCT/US2016/024643)
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[25] EN
[54] **PIPE CUTTING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE COUPE DE TUYAU**
[72] PIERCE, KENNETH R., US
[72] GIBERMAN, ALEXANDER S., US
[72] GEARHART, MICHAEL W., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-11-17
[86] 2016-04-27 (PCT/US2016/029435)
[87] (WO2016/209361)
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[25] EN
[54] **BIOPOLYMER BASED CATIONIC SURFACTANT FOR CLAY STABILIZATION AND PREVENTION OF SLUDGING**
[54] **TENSIOACTIF CATIONIQUE A BASE DE BIOPOLYMERE POUR LA STABILISATION DE L'ARGILE ET LA PREVENTION DE LA FORMATION DE BOUE**
[72] AGASHE, SNEHALATA SACHIN, IN
[72] BELAKSHE, RAVIKANT S., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-11-27
[86] 2015-08-14 (PCT/US2015/045326)
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[25] EN
[54] **MANDOLINE-TYPE FOOD SLICER**
[54] **DISPOSITIF DE TRANCHAGE D'ALIMENTS DU TYPE MANDOLINE**
[72] MOR, MACKENZIE, US
[72] COLBURN, ERIC RICHARD, US
[72] CHANG, HYUK JAE, US
[73] HELEN OF TROY LIMITED, BB
[85] 2017-11-30
[86] 2016-07-06 (PCT/US2016/041044)
[87] (WO2017/019262)
[30] US (62/196,533) 2015-07-24

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[51] **Int.Cl. G01C 21/34 (2006.01) G08G 1/01 (2006.01) G08G 1/13 (2006.01)**
[25] EN
[54] **CANDIDATE ROUTE PROVIDING SYSTEM, IN-VEHICLE APPARATUS, AND CANDIDATE ROUTE PROVIDING METHOD**
[54] **SYSTEME FOURNISSANT UNE ROUTE CANDIDATE, APPAREIL EMBARQUE DANS UN VEHICULE ET ROUTE CANDIDATE FOURNISSANT LA METHODE**
[72] INOUE, HIROFUMI, JP
[72] SUZUKI, MASAYASU, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-22
[86] 2015-06-23 (PCT/JP2015/068023)
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[25] EN
[54] **DUMPLING AUTOMATION MACHINE**
[54] **MACHINE D'AUTOMATISATION POUR BOULETTE**
[72] GONG, HAO, CN
[72] XIONG, XIAOGANG, CN
[72] LI, YIHUI, CN
[72] WANG, GANG, CN
[72] WANG, DERONG, CN
[72] REN, YING, CN
[73] GENERAL MILLS, INC., US
[85] 2018-01-02
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[25] EN
[54] **FUNCTIONALLY GRADED COATINGS AND CLADDINGS FOR CORROSION AND HIGH TEMPERATURE PROTECTION**
[54] **REVETEMENTS ET GAINES A GRADIENT DE FONCTIONNALITE PERMETTANT DE PROTEGER CONTRE LA CORROSION ET LES FORTES TEMPERATURES**
[72] LOMASNEY, CHRISTINA, US
[72] WHITAKER, JOHN D., US
[72] FLINN, BRIAN, US
[72] BORDIA, RAJENDRA KUMAR, US
[72] UNGER, JESSE A., US
[73] MODUMETAL LLC, US
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[25] EN
[54] **CONSTANT-MESH TYPE TRANSMISSION FOR STRADDLED VEHICLE WITH RATCHET MECHANISM**
[54] **TRANSMISSION DE TYPE MAILLE CONSTANTE DESTINEE A DES VEHICULES EN CHEVAUCHEMENT DOTEE D'UN MECANISME DE ROCHET**
[72] SAITOH, TETSUSHI, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2993364)
[87] (2993364)
[22] 2018-01-29
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[54] **OBJECT DETECTING METHOD AND OBJECT DETECTING DEVICE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'OBJET**
[72] FANG, FANG, JP
[72] UEDA, HIROTOSHI, JP
[72] NANRI, TAKUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-23
[86] 2015-07-27 (PCT/JP2015/071269)
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[54] **BULK MODULUS MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DU MODULE DE COMPRESSIBILITE**
[72] BEISEL, JOSEPH A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-14
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS TO TREAT HEART FAILURE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR TRAITER UNE INSUFFISANCE CARDIAQUE**
[72] MCNAMARA, EDWARD, US
[72] CELERMAJER, DAVID, US
[72] FORCUCCI, STEPHEN, US
[72] SUGIMOTO, HIROATSU, US
[73] CORVIA MEDICAL, INC., US
[86] (2998009)
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[22] 2010-03-08
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[54] **DELAYED COKE DRUM QUENCH SYSTEMS AND METHODS HAVING REDUCED ATMOSPHERIC EMISSIONS**
[54] **SYSTEMES ET PROCEDES DE TREMPE RETARDES POUR TAMBOUR DE COKEFACTION AYANT DES EMISSIONS ATMOSPHERIQUES REDUITES**
[72] WARD, JOHN D., US
[72] HENIFORD, RICHARD, US
[72] ALEXANDER, SCOTT, US
[73] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
[85] 2018-03-09
[86] 2016-04-08 (PCT/US2016/026699)
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[54] **SECURING ASSEMBLY**
[54] **ENSEMBLE DE SECURISATION**
[72] LOMAX, WILLIAM JAMES, NZ
[73] ONGUARD GROUP LIMITED, NZ
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[25] EN
[54] **PERFORATING GUN SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DESTINES A UN PERFORATEUR**
[72] HARDESTY, JOHN T., US
[72] YANG, WENBO, US
[72] ROESSLER, DENNIS E., US
[73] GEODYNAMICS, INC., US
[85] 2018-05-08
[86] 2017-11-30 (PCT/US2017/064038)
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[25] EN
[54] **APPARATUS AND METHODS FOR ELECTRICALLY COUPLING MULTIPLE ELECTRICALLY-CONDUCTIVE GROUND COVERS**
[54] **APPAREIL ET METHODES DE MISE A LA TERRE DE MANIERE ELECTRIQUE D'AU MOINS UN TAPIS SUR UNE SURFACE SUPPORTANT UNE CHARGE**
[72] BORDELON, RANDY PAUL, US
[72] MCDOWELL, JAMES KERWIN, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[86] (3005530)
[87] (3005530)
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[25] EN
[54] **WIRELESS POWER TRANSFER DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRANSFERT D'ENERGIE SANS FIL**
[72] TAN, TEIK SIEW, MY
[72] CHONG, CHEE KHON, MY
[72] LEE, SIN KENG, MY
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2018-06-12
[86] 2016-12-06 (PCT/US2016/065137)
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[25] EN
[54] **TARGET RESET SYSTEM**
[54] **SYSTEME DE REINITIALISATION DE CIBLE**
[72] LI, GANG, CA
[73] LI, GANG, CA
[86] (3008727)
[87] (3008727)
[22] 2018-06-18
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[25] EN
[54] **IMPROVED SUBBAND BLOCK BASED HARMONIC TRANSPOSITION**
[54] **TRANSPOSITION AMELIOREE D'HARMONIQUE FONDEE SUR UN BLOC DE SOUS-BANDE**
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
[86] (3008914)
[87] (3008914)
[22] 2011-01-05
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[25] EN
[54] **USE OF A PROCESS FLUID WITH AN ENVIRONMENTALLY COMPATIBLE BIOSTABILIZER IN A GEOTHERMAL BOREHOLE**
[54] **UTILISATION D'UN FLUIDE DE TRAITEMENT CONTENANT UN BIOSTABILISATEUR ECO-COMPATIBLE DANS UN TROU DE FORAGE GEOTHERMIQUE**
[72] EMERSTORFER, FLORIAN, AT
[72] OMANN, MARKUS, AT
[72] MARIHART, JOHANN, AT
[72] WASTYN, MARNIK MICHEL, AT
[73] AGRANA BETEILIGUNGS-AKTIENGESELLSCHAFT, AT
[85] 2018-06-21
[86] 2016-12-23 (PCT/EP2016/082552)
[87] (WO2017/109168)
[30] EP (15202340.4) 2015-12-23

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[25] EN
[54] **SETTING TOOL IGNITER SYSTEM AND METHOD**
[54] **SYSTEME D'ALLUMEUR A OUTIL DE FIXATION ET METHODE**
[72] SULLIVAN, SHELBY L., US
[72] JOSLIN, JOHNNY, US
[72] DAVIS, ROBERT E., US
[72] HARDESTY, JOHN T., US
[73] GEODYNAMICS, INC., US
[86] (3012667)
[87] (3012667)
[22] 2018-07-27
[30] US (62/543,143) 2017-08-09

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[13] C
[51] **Int.Cl. E21C 37/06 (2006.01) E21B 6/04 (2006.01)**
[25] EN
[54] **ROCK DRILLING, SWELLING AND CHISELLING INTEGRATED MACHINE BASED ON HIGH-PRESSURE FOAM MEDIUM**
[54] **MACHINE INTEGREE DE FORAGE, DE GONFLEMENT ET DE BURINAGE DE LA ROCHE BASEE SUR UN MILIEU EN MOUSSE HAUTE PRESSION**
[72] LIU, SONGYONG, CN
[72] LIU, HAO, CN
[72] JIANG, HONGXIANG, CN
[72] SHEN, GANG, CN
[72] WANG, SHUILIN, CN
[72] LI, WEI, CN
[72] TANG, WEI, CN
[72] WU, HONGZHUANG, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[73] XUZHOU ZHIRUN MINING EQUIPMENT SCIENCE AND TECHNOLOGY CO., LTD., CN
[85] 2018-08-13
[86] 2017-11-13 (PCT/CN2017/110672)
[87] (WO2018/099262)
[30] CN (201611101072.0) 2016-12-02

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[25] EN
[54] **PACKAGE SEAL HAVING A FIBROUS BREATHABLE MATERIAL**
[54] **JOINT D'EMBALLAGE PRESENTANT UN MATERIAU RESPIRANT FIBREUX**
[72] DWORAK, ADAM JAN, US
[72] INGRAHAM, BRIAN, US
[73] AMCOR FLEXIBLES, INC., US
[85] 2018-05-18
[86] 2016-11-23 (PCT/IB2016/057078)
[87] (WO2017/089975)
[30] US (62/258,907) 2015-11-23

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[13] C
[51] **Int.Cl. B60L 7/10 (2006.01) B60M 1/12 (2006.01)**
[25] EN
[54] **LOCOMOTIVE REGENERATIVE ELECTRIC ENERGY FEEDBACK SYSTEM WITH ICE MELTING FUNCTION AND CONTROL METHOD**
[54] **SYSTEME DE REINJECTION D'ENERGIE ELECTRIQUE REGENERATIF DE LOCOMOTIVE AVEC FONCTION DE FUSION DE GLACE ET PROCEDE DE COMMANDE ASSOCIE**
[72] YANG, HAO, CN
[72] WANG, YU, CN
[72] XIE, YEYUAN, CN
[72] LIU, HONGDE, CN
[72] LI, CHANGWEI, CN
[73] NR ELECTRIC CO., LTD, CN
[73] NR ENGINEERING CO., LTD, CN
[85] 2018-08-22
[86] 2017-03-01 (PCT/CN2017/075368)
[87] (WO2017/148397)
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[13] C
[51] **Int.Cl. H04R 3/00 (2006.01) G11B 27/00 (2006.01) H04R 3/12 (2006.01)**
[25] EN
[54] **VOICE CONTROL OF A MEDIA PLAYBACK SYSTEM**
[54] **COMMANDE VOCALE D'UN SYSTEME DE LECTURE MULTIMEDIA**
[72] JARVIS, SIMON, US
[72] MILLINGTON, NICHOLAS A.J., US
[72] CORBIN, KEITH, US
[72] PLAGGE, MARK, US
[72] KADRI, ROMI, US
[72] BUTTS, CHRISTOPHER, US
[72] CHEN, YEAN-NIAN WILLY, US
[73] SONOS, INC., US
[85] 2018-08-22
[86] 2017-02-21 (PCT/US2017/018739)
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[30] US (62/298,418) 2016-02-22
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[30] US (62/298,410) 2016-02-22
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[30] US (62/298,393) 2016-02-22
[30] US (62/312,350) 2016-03-23
[30] US (15/098,718) 2016-04-14
[30] US (15/098,805) 2016-04-14
[30] US (15/131,776) 2016-04-18
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[13] C
[51] **Int.Cl. B60R 1/00 (2006.01) G08G 1/16 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **MOBILE BODY SURROUNDINGS DISPLAY METHOD AND MOBILE BODY SURROUNDINGS DISPLAY APPARATUS**
[54] **PROCEDE D'AFFICHAGE D'ENVIRONNEMENT DE CORPS MOBILE ET APPAREIL D'AFFICHAGE D'ENVIRONNEMENT DE CORPS MOBILE**
[72] KUSAYANAGI, YOSHINORI, JP
[72] YANAGI, TAKURA, JP
[72] WATANABE, SEIGO, JP
[72] KISHI, NORIMASA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-10-12
[86] 2016-04-14 (PCT/JP2016/062014)
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[25] EN
[54] **RESILIENT EXPANDABLE PRESSURE VESSEL**
[54] **RECIPIENT SOUS PRESSION EXPANSIBLE ELASTIQUE**
[72] FORD, GARY B., US
[72] MEYER, RICHARD J., US
[72] SCHMID, PETER M., US
[73] LIQUIDSPRING TECHNOLOGIES, INC., US
[85] 2018-11-13
[86] 2017-04-18 (PCT/US2017/028136)
[87] (WO2017/196503)
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[25] EN
[54] **FISHING TACKLE BOX**
[54] **BOITE D'ATTIRAIL DE PECHE**
[72] DOLLAHITE, DAVID, US
[73] RALEIGH TACKLE LLC, US
[85] 2019-01-11
[86] 2016-08-22 (PCT/US2016/047971)
[87] (WO2018/038699)
[30] US (15/242,836) 2016-08-22

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[25] FR
[54] **APPARATUS AND METHOD FOR DRIVING A PILE INTO THE GROUND PRIOR TO LIFTING AND STABILIZING THE FOUNDATIONS OF A BUILDING**
[54] **APPAREIL ET METHODE POUR ENFONCER UN PIEU DANS LE SOL AVANT DE SOULEVER ET STABILISER LA FONDATION D'UN BATIMENT**
[72] BOUCHER, FRANCIS, CA
[72] BOUCHER, CAMIL, CA
[73] STABILIFORCE TECHNOLOGIES INC., CA
[85] 2019-01-18
[86] 2018-04-05 (PCT/CA2018/050418)
[87] (WO2018/184110)
[30] CA (2,963,531) 2017-04-05

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[51] **Int.Cl. G01R 31/36 (2019.01)**
[25] EN
[54] **ELECTRICAL ARCHITECTURE FOR ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY**
[54] **ARCHITECTURE ELECTRIQUE DE SPECTROSCOPIE D'IMPEDANCE ELECTROCHIMIQUE**
[72] GONG, ZHE, CA
[72] TRESCASES, OLIVIER, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[73] HAVELAAR CANADA INDUSTRIAL R & D LABORATORY LTD., CA
[85] 2019-01-22
[86] 2018-07-13 (PCT/CA2018/050858)
[87] (WO2019/010585)
[30] US (62/532,172) 2017-07-13

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[13] C
[51] **Int.Cl. F41A 27/20 (2006.01) F41A 23/24 (2006.01) F41A 23/34 (2006.01) F41A 27/08 (2006.01) F41A 27/18 (2006.01) F41A 27/24 (2006.01) F41A 9/29 (2006.01)**
[25] EN
[54] **CONFIGURABLE WEAPON STATION HAVING UNDER ARMOR RELOAD**
[54] **STATION D'ARME CONFIGURABLE PRESENTANT UN RECHARGEMENT SOUS BLINDAGE**
[72] LUNG, KEVIN, US
[72] MARTINEZ, MATTHEW, US
[72] MUELLER, FRANK, US
[72] RHODES, DAVID, US
[73] MOOG INC., US
[86] (3032477)
[87] (3032477)
[22] 2015-07-20
[62] 2,955,784
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Canadian Applications Open to Public Inspection

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[13] A1
[51] **Int.Cl. B62M 7/00 (2010.01) B62K 11/00 (2013.01)**
[25] EN
[54] **HOVERCYCLE**
[54] **HOVERCYCLE**
[72] BJERKE, DONALD M., CA
[72] UNKNOWN, ZZ
[71] BJERKE, DONALD M., CA
[22] 2017-10-30
[41] 2019-04-30

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[13] A1
[51] **Int.Cl. B65G 1/10 (2006.01) B62B 3/10 (2006.01) B62D 65/18 (2006.01)**
[25] EN
[54] **LENGTH-EXTENSIBLE SUPPORT FOR ITEMS**
[54] **SUPPORT D'ARTICLES A LONGUEUR EXTENSIBLE**
[72] JOSHI, ANEET, CA
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-10-31
[41] 2019-04-30

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[21] **2,984,190**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) A42B 1/24 (2006.01) A42B 3/22 (2006.01) A42B 3/30 (2006.01)**
[25] EN
[54] **AUGMENTED REALITY WEARABLE HEAD SET SMART CAP SYSTEM**
[54] **SYSTEME DE CASQUETTE INTELLIGENTE DE REALITE AUGMENTEE**
[72] BACIU, SANDU, CA
[72] BACIU, MIRUNA, CA
[72] BACIU, ALINA ELENA, CA
[72] BACIU, GEORGE SEBASTIAN, CA
[71] BACIU, SANDU, CA
[22] 2017-10-30
[41] 2019-04-30

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[21] **2,984,214**
[13] A1
[51] **Int.Cl. H01L 33/02 (2010.01)**
[25] EN
[54] **INTEGRATION OF MICRO-DEVICES INTO SYSTEM SUBSTRATE**
[54] **INTEGRATION DE MICRO-DISPOSITIFS DANS UN SUBSTRAT DE SYSTEME**
[72] CHAJI, GHOLAMREZA, CA
[71] VUEREAL INC, CA
[22] 2017-10-30
[41] 2019-04-30

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[21] **2,984,220**
[13] A1
[51] **Int.Cl. G09F 19/14 (2006.01)**
[25] EN
[54] **ANIMORAY WINDOW FILM PROCESS**
[54] **PROCEDE D'IMAGES ANIMEES SUR UNE FENETRE**
[72] MCINNIS, DANIEL SHAUN, CA
[71] MCINNIS, DANIEL SHAUN, CA
[22] 2017-10-30
[41] 2019-04-30

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[21] **2,984,276**
[13] A1
[51] **Int.Cl. G01N 21/01 (2006.01) G01N 21/51 (2006.01) G01N 21/59 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **OPTICAL MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE OPTIQUE**
[72] SINGH, KIRAT, CA
[72] PRENNER, ELMAR, CA
[71] ALBERTA BIOPHOTONICS INC., CA
[22] 2017-10-31
[41] 2019-04-30

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[21] **2,984,278**
[13] A1
[51] **Int.Cl. A47L 25/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR CLEANING A HELMET**
[54] **UN APPAREIL SERVANT A NETTOYER UN CASQUE**
[72] WYERS, RYAN, CA
[71] WYERS, RYAN, CA
[22] 2017-10-31
[41] 2019-04-30

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[21] **2,984,285**
[13] A1
[51] **Int.Cl. F24H 9/00 (2006.01) F16J 12/00 (2006.01) F24H 1/18 (2006.01)**
[25] EN
[54] **BACTERIA PREVENTIVE WATER HOLDING TANK CONSTRUCTION FOR ELECTRIC WATER HEATERS**
[54] **CONSTRUCTION DE RESERVOIR DE RETENUE D'EAU EMPECHANT LA PROLIFERATION DE BACTERIES DESTINEE A DES CHAUFFE-EAU ELECTRIQUES**
[72] LESAGE, CLAUDE, CA
[72] LESAGE, JEAN-CLAUDE, CA
[71] MICLAU-S.R.I. INC., CA
[22] 2017-10-31
[41] 2019-04-30

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[13] A1
[51] **Int.Cl. G01N 21/01 (2006.01) G01N 21/51 (2006.01) G01N 21/59 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **OPTICAL MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE OPTIQUE**
[72] SINGH, KIRAT, CA
[72] PRENNER, ELMAR, CA
[71] ALBERTA BIOPHOTONICS INC., CA
[22] 2017-11-01
[41] 2019-05-01

[21] **2,984,323**
[13] A1
[51] **Int.Cl. E01H 5/10 (2006.01) E01H 5/02 (2006.01)**
[25] EN
[54] **HEATED SNOW SHOVEL SYSTEM**
[54] **SYSTEME DE PELLE A NEIGE CHAUFFEE**
[72] CAMPBELL, RHEANNE, CA
[72] CAMPBELL, JUSTIN, CA
[71] CAMPBELL, RHEANNE, CA
[71] CAMPBELL, JUSTIN, CA
[22] 2017-10-31
[41] 2019-04-30
[30] US (15797268) 2017-10-30

[21] **2,984,330**
[13] A1
[51] **Int.Cl. B44D 3/18 (2006.01) A47G 1/06 (2006.01)**
[25] EN
[54] **FRAME ASSEMBLY FOR TENSIONING AND MAINTAINING A CANVAS**
[54] **ENSEMBLE DE CADRE SERVANT A TENDRE ET MAINTENIR UNE TOILE**
[72] KUZNETSOV, DMITRY, CA
[72] KUZNETSOV, VALERY, CA
[72] KUZNETSOVA, NATALIA, CA
[72] KUZNETSOV, ANTON, CA
[71] KUZNETSOV, DMITRY, CA
[22] 2017-10-31
[41] 2019-04-30

[21] **2,984,334**
[13] A1
[51] **Int.Cl. G09F 23/06 (2006.01) A47G 11/00 (2006.01)**
[25] EN
[54] **CORPORATE PLACEMATS**
[54] **NAPPERONS D'ENTREPRISE**
[72] CARRINGTON, CHRISTINE G., CA
[71] CARRINGTON, CHRISTINE G., CA
[22] 2017-10-31
[41] 2019-04-30

[21] **2,984,344**
[13] A1
[51] **Int.Cl. B67D 7/34 (2010.01) B67D 7/08 (2010.01) B67D 7/14 (2010.01)**
[25] EN
[54] **FLUID DISPENSING MACHINE**
[54] **MACHINE DE DISTRIBUTION DE LIQUIDE**
[72] LANGEMAN, GARY D., CA
[72] SINGH, HARPREET, CA
[71] LANGEMAN MANUFACTURING LIMITED, CA
[22] 2017-10-31
[41] 2019-04-30

[21] **2,984,431**
[13] A1
[51] **Int.Cl. F16S 3/00 (2006.01) E04B 1/24 (2006.01) E04C 3/04 (2006.01) F16S 3/04 (2006.01)**
[25] EN
[54] **T-SLOT EXTRUSION STRUCTURE**
[54] **STRUCTURE D'EXTRUSION A FENTE EN T**
[72] LACROIX, ETIENNE, CA
[72] ESTRADA, SAMUEL TURCOTTE, CA
[72] LAVIGUEUR, MAXIME, CA
[71] VENTION INC., CA
[22] 2017-10-31
[41] 2019-04-30

[21] **2,984,528**
[13] A1
[51] **Int.Cl. B28C 7/10 (2006.01) B28C 5/40 (2006.01)**
[25] EN
[54] **ASPHALT FIBER METERING SYSTEM**
[54] **SYSTEME DE DOSAGE DE FIBRE DANS L'ASPHALTE**
[72] NAKONECHNY, LEONARD, CA
[71] NAKONECHNY, LEONARD, CA
[22] 2017-11-02
[41] 2019-05-02

[21] **2,984,529**
[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/10 (2006.01)**
[25] EN
[54] **SECURABLE SAMPLING PORT FOR AN INSULATED CONTAINER**
[54] **ORIFICE D'ECHANTILLONNAGE FIXABLE DESTINE A UN CONTENANT ISOLE**
[72] SCHWAB, MARK JORDAN, US
[71] SCHWAB, MARK JORDAN, US
[22] 2017-11-01
[41] 2019-04-30
[30] US (15/799518) 2017-10-31

[21] **2,984,533**
[13] A1
[51] **Int.Cl. F16F 9/53 (2006.01) F16F 9/48 (2006.01)**
[25] EN
[54] **SMART FLUID DAMPER**
[54] **AMORTISSEUR A FLUIDE INTELLIGENT**
[72] NASERIMOJARAD, MOHAMMAD MEHDI, CA
[72] MOALLEM, MEHRDAD, CA
[72] ARZANPOUR, SIAMAK, CA
[71] SIMON FRASER UNIVERSITY, CA
[22] 2017-11-01
[41] 2019-05-01

[21] **2,984,536**
[13] A1
[51] **Int.Cl. B27B 29/00 (2006.01) B27B 3/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CUTTING A PLURALITY OF LOGS**
[54] **SYSTEME ET METHODE DE COUPE D'UNE PLURALITE DE BILLES**
[72] STANLEY, MICHAEL, CA
[71] STANLEY, MICHAEL, CA
[22] 2017-11-01
[41] 2019-05-01

[21] **2,984,539**
[13] A1
[51] **Int.Cl. F16K 11/02 (2006.01) E03C 1/04 (2006.01) F16L 17/06 (2006.01) F16L 21/08 (2006.01) F16L 37/12 (2006.01) F16L 37/60 (2006.01)**
[25] EN
[54] **QUICK CONNECT FAUCET**
[54] **ROBINET A RACCORD RAPIDE**
[72] HE, KAIZHONG, CN
[71] GLOBE UNION INDUSTRIAL CORP., TW
[22] 2017-11-02
[41] 2019-05-02

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[13] A1
[51] **Int.Cl. A61K 31/728 (2006.01) A61K 31/133 (2006.01) A61K 31/167 (2006.01) A61K 31/407 (2006.01) A61K 31/573 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **VISCOSUPPLEMENT FOR OSTEOARTHIRITIC PAIN RELIEF**
[54] **VISCOSUPPLEMENT DESTINE A SOULAGER LA DOULEUR OSTEOATHRITIQUE**
[72] MUSITANO, PATRICK, CA
[71] MUSITANO, PATRICK, CA
[22] 2017-11-02
[41] 2019-05-02

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[21] **2,984,660**
[13] A1
[51] **Int.Cl. A63C 7/02 (2006.01)**
[25] EN
[54] **SNOWSHOE-SKI KIT AND METHOD OF ADJUSTING THE EFFECTIVE TRACTION COEFFICIENT ON A SNOWSHOE-SKI**
[54] **ENSEMBLE DE RAQUETTE-SKI ET METHODE D'AJUSTEMENT DU COEFFICIENT DE TRACTION EFFICACE D'UNE RAQUETTE-SKI**
[72] FABER, GUY, CA
[71] FABER ET CIE INC., CA
[22] 2017-11-02
[41] 2019-05-02

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[21] **2,984,663**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **PLUG ASSEMBLY FOR A PIPE SYSTEM**
[54] **DISPOSITIF DE BOUCHON D'UN SYSTEME DE TUYAUX**
[72] MACDONALD, JOHN, CA
[72] GILLIS, SEAN, CA
[71] WELLFIRST TECHNOLOGIES INC., US
[22] 2017-11-02
[41] 2019-04-30
[30] US (15/798,934) 2017-10-31

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[21] **2,984,673**
[13] A1
[51] **Int.Cl. B68B 1/04 (2006.01) B68B 5/00 (2006.01)**
[25] EN
[54] **EQUESTRIAN HEADPIECE**
[54] **PIECE DE TETE EQUESTRE**
[72] BERNARD, CHLOE, GB
[71] BERNARD, CHLOE, GB
[22] 2017-11-02
[41] 2019-05-02

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[21] **2,984,675**
[13] A1
[51] **Int.Cl. A41B 13/06 (2006.01) A47D 15/00 (2006.01) A47G 9/06 (2006.01) B60N 2/26 (2006.01)**
[25] EN
[54] **CAR SEAT SWADDLE BLANKET SYSTEM**
[54] **SYSTEME DE COUVERTURE D'EMMAILLOTEMENT POUR SIEGE D'AUTO**
[72] THOMAS, DAWN, CA
[72] DEGIANO, SANDRA, CA
[71] THOMAS, DAWN, CA
[71] DEGIANO, SANDRA, CA
[22] 2017-11-03
[41] 2019-05-02
[30] US (15802422) 2017-11-02

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[13] A1
[51] **Int.Cl. B44D 3/04 (2006.01) B44D 3/12 (2006.01)**
[25] EN
[54] **PAINTER BOX SYSTEM**
[54] **SYSTEME DE BOITE DE PEINTURE**
[72] CLARK, DANNY, CA
[72] BLASCO, DERRICK, CA
[71] CLARK, DANNY, CA
[71] BLASCO, DERRICK, CA
[22] 2017-11-03
[41] 2019-05-02
[30] US (15802433) 2017-11-02

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[13] A1
[51] **Int.Cl. B21C 37/12 (2006.01) B21C 47/02 (2006.01)**
[25] EN
[54] **TUBULAR CORE AND METHOD**
[54] **AME TUBULAIRE ET METHODE**
[72] MILLER, ROBERT F., US
[72] GERSTEN, GARRETT C., US
[72] HINCKLEY, RUSSELL L., SR., US
[72] KRAUT, MICHAEL F., US
[71] PACIFIC ROLLER DIE COMPANY, INC., US
[22] 2017-11-03
[41] 2019-05-03

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[21] **2,984,737**
[13] A1
[51] **Int.Cl. E04G 13/00 (2006.01)**
[25] EN
[54] **FORMING APPARATUS**
[54] **APPAREIL DE FACONNAGE**
[72] CIARLARIELLO, NICOLA, CA
[72] RIZZA, MICHAEL ANTHONY, CA
[71] CIARLARIELLO, NICOLA, CA
[71] RIZZA, MICHAEL ANTHONY, CA
[22] 2017-11-03
[41] 2019-05-03

[21] **2,984,837**
[13] A1
[51] **Int.Cl. C11C 5/00 (2006.01) A61M 21/00 (2006.01) F21K 2/00 (2006.01)**
[25] EN
[54] **SHIMMERING + GLOW IN THE DARK CANDLE**
[54] **CHANDELLE SCINTILLANT ET BRILLANT DANS LE NOIR**
[72] SCOTT, JESSICA ANN, CA
[71] SCOTT, JESSICA ANN, CA
[22] 2017-10-31
[41] 2019-04-30

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[21] **2,984,873**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODOLOGY OF ANALYZING INCIDENCE AND BEHAVIOR OF CUSTOMER PERSONAS AMONG USERS OF DIGITAL ENVIRONMENTS**
[54] **METHODOLOGIE D'ANALYSE DE L'INCIDENCE ET DU COMPORTEMENT D'UN PERSONNAGE CONSOMMATEUR PARMI LES UTILISATEURS DES ENVIRONNEMENTS NUMERIQUES**
[72] LAMM, ZACHARY, US
[72] WITTLER, MELISSA, US
[72] KALETA-KOTT, AMANDA, US
[72] MCDOWALL, LAUREL, US
[71] CARS.COM, LLC, US
[22] 2017-11-06
[41] 2019-05-03
[30] US (15/803,181) 2017-11-03

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[21] **2,985,569**
[13] A1
[51] **Int.Cl. H04W 48/04 (2009.01) H04W 4/029 (2018.01)**
[25] EN
[54] **BLOCKING FUNCTIONALITY ON A SMART DEVICE**
[54] **FONCTIONNALITE DE BLOCAGE SUR UN APPAREIL INTELLIGENT**
[72] WATSON, CHARLES, GB
[72] HADLEY, MARK, GB
[72] ASTLE, MICHAEL DAVID, US
[71] BLACKOUT TECHNOLOGIES GROUP LTD, GB
[22] 2017-11-15
[41] 2019-05-03
[30] US (15/802,583) 2017-11-03

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[21] **2,988,015**
[13] A1
[51] **Int.Cl. E06B 9/30 (2006.01) E06B 9/307 (2006.01)**
[25] EN
[54] **EXPANDING WINDOW COVERING**
[54] **REVETEMENT DE FENETRE EXTENSIBLE**
[72] SNELL, CHRISTOPHER, CA
[72] CARR, MATTHEW J., CA
[71] UMBRA LLC, US
[22] 2017-12-07
[41] 2019-04-30
[30] US (15/799,514) 2017-10-31

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[13] A1
[51] **Int.Cl. E04C 5/16 (2006.01) E04C 5/01 (2006.01) E04C 5/06 (2006.01)**
[25] EN
[54] **A MULTIFUNCTIONAL REBAR SUPPORT SYSTEM FOR REINFORCEMENT OF CONCRETE STRUCTURES**
[54] **UN SYSTEME DE SUPPORT DE BORD D'ARMATURE MULTIFONCTIONNEL DESTINE AU RENFORCEMENT DE STRUCTURES EN BETON**
[72] VERELLI, ANGELO, CA
[72] VERELLI, CARLO, CA
[71] VERELLI, ANGELO, CA
[71] VERELLI, CARLO, CA
[22] 2017-12-13
[41] 2019-05-03
[30] US (15/803,339) 2017-11-03

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[13] A1
[51] **Int.Cl. A47C 27/15 (2006.01) A47C 31/12 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE MATTRESS USING INSERTED WANDS**
[54] **MATELAS AJUSTABLE AU MOYEN DE BAGUETTES INSEREES**
[72] ROBINS, JOHN A., US
[72] FORD, BRENT, US
[72] ORTIZ, ROSA, US
[71] BROBARD, LLC, US
[22] 2018-01-19
[41] 2019-05-02
[30] US (15/802,123) 2017-11-02

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[21] **2,993,845**
[13] A1
[51] **Int.Cl. A61B 5/153 (2006.01) A61B 5/154 (2006.01)**
[25] EN
[54] **DISPOSABLE PEN-TYPE BLOOD-RETURN-VISIBLE AND ANTI-REFLUX VENOUS BLOOD COLLECTION NEEDLE**
[54] **AIGUILLE DE PRELEVEMENT SANGUIN VEINEUX ANTI-REFLUX A RETOUR DE SANG VISIBLE DE TYPE STYLET JETABLE**
[72] LIU, ZHENKUAN, CN
[71] LIU, ZHENKUAN, CN
[22] 2018-02-02
[41] 2019-04-28
[30] CN (201711027794.0) 2017-10-28

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[21] **2,993,975**
[13] A1
[51] **Int.Cl. A47H 3/02 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **SAFE CURTAIN CONTROL ASSEMBLY WITHOUT SCREW**
[54] **DISPOSITIF DE CONTROLE DE RIDEAU SECURITAIRE SANS VIS**
[72] CHENG, CHING-HSIANG, TW
[71] CHEN TIAN CO., LTD., TW
[22] 2018-02-05
[41] 2019-05-02
[30] TW (106137996) 2017-11-02

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[13] A1
[51] **Int.Cl. E06B 9/56 (2006.01) A47H 5/00 (2006.01) F16H 57/08 (2006.01)**
[25] EN
[54] **SCREWLESS CURTAIN CONTROL ASSEMBLY**
[54] **MECANISME DE CONTROLE DE RIDEAU SANS VIS**
[72] CHENG, CHING-HSIANG, CN
[71] CHEN TIAN CO., LTD., TW
[22] 2018-02-05
[41] 2019-05-02
[30] TW (106137998) 2017-11-02

[21] **2,995,247**
[13] A1
[51] **Int.Cl. H05K 5/06 (2006.01) H04B 1/3888 (2015.01) G06F 1/16 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **EXPLOSION PROOF ASSEMBLY**
[54] **DISPOSITIF A L'EPREUVE DES EXPLOSIONS**
[72] BALOURDET, XAVIER, US
[71] XCIEL, INC., US
[22] 2018-02-15
[41] 2019-04-30
[30] US (15/798080) 2017-10-30

[21] **2,995,617**
[13] A1
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/4192 (2006.01) A61K 31/421 (2006.01) A61K 31/422 (2006.01) A61K 31/4439 (2006.01) A61P 35/02 (2006.01) C07D 249/06 (2006.01) C07D 263/32 (2006.01) C07D 401/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC MITOCHONDRIAL ACTIVITY INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'ACTIVITE MITOCHONDRIQUE HETEROCYCLIQUES ET UTILISATIONS ASSOCIEES**
[72] GAREAU, YVES, CA
[72] GINGRAS, STEPHANE, CA
[72] CHANTIGNY, YVES, CA
[72] YANG, GAOGIANG, CA
[72] SAUVAGEAU, GUY, CA
[71] UNIVERSITE DE MONTREAL, CA
[22] 2018-02-16
[41] 2019-05-03
[30] US (62/581,239) 2017-11-03

[21] **3,003,394**
[13] A1
[51] **Int.Cl. B66C 1/34 (2006.01) F16B 45/00 (2006.01) F16G 15/06 (2006.01) F16G 17/00 (2006.01)**
[25] EN
[54] **SHACKLE GUARD WITH TETHER**
[54] **PROTEGE-MANILLE DOTE D'UN CABLE D'ATTACHE**
[72] TURNER, MARK A., US
[71] DAYSTAR PRODUCTS INTERNATIONAL, INC., US
[22] 2018-04-30
[41] 2019-04-30
[30] US (15798306) 2017-10-30

[21] **3,010,030**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) F16K 11/02 (2006.01)**
[25] EN
[54] **CONCRETE FAUCET**
[54] **ROBINET EN BETON**
[72] ROSKO, MICHAEL SCOT, US
[72] EADS, THAD J., US
[71] DELTA FAUCET COMPANY, US
[22] 2018-06-28
[41] 2019-05-03
[30] US (62/581,286) 2017-11-03

[21] **3,010,063**
[13] A1
[51] **Int.Cl. B66C 13/50 (2006.01) B66C 13/42 (2006.01) G05B 11/32 (2006.01)**
[25] EN
[54] **ADAPTATIVE FEEDBACK CONTROL OF FORCE FIGHTING IN HYBRID ACTUATION SYSTEMS**
[54] **COMMANDE DE RETROACTION ADAPTATIVE DE LUTTE PAR LA FORCE DANS LES SYSTEMES D'ACTIONNEMENT HYBRIDE**
[72] BLANDING, DAVID, US
[72] COFFMAN, JEFFREY, US
[72] QUIAMBAO, JIMMY, US
[72] VAN HUYNH, NEAL, US
[71] THE BOEING COMPANY, US
[22] 2018-06-28
[41] 2019-04-30
[30] US (15/799,724) 2017-10-31

[21] **3,010,958**
[13] A1
[51] **Int.Cl. A47K 11/02 (2006.01)**
[25] EN
[54] **WATERLESS TOILET**
[54] **TOILETTE SANS EAU**
[72] BRUNT, RICHARD, CA
[71] THINKTANK MANUFACTURING LTD., CA
[22] 2018-07-06
[41] 2019-04-29

[21] **3,011,856**
[13] A1
[51] **Int.Cl. E03C 1/266 (2006.01) B02C 18/00 (2006.01)**
[25] EN
[54] **ORGANIC WASTE SEPARATOR FOR UNDER A SINK**
[54] **SEPARATEUR DE DECHETS BIOLOGIQUES A INSTALLER SOUS UN EVIER**
[72] NICOLOV, VICTOR, CA
[71] ANVY TECHNOLOGIES INC., CA
[22] 2018-07-16
[41] 2019-04-29

[21] **3,013,374**
[13] A1
[51] **Int.Cl. F24T 50/00 (2018.01) F24T 10/13 (2018.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REPURPOSING WELL SITES FOR GEOTHERMAL ENERGY PRODUCTION**
[54] **METHODE ET APPAREIL DE RECYCLAGE DE SITES DE FORAGE EN VUE DE LA PRODUCTION D'ENERGIE GEOTHERMIQUE**
[72] REDFERN, JOHN, CA
[71] EAVOR TECHNOLOGIES INC., CA
[22] 2018-08-06
[41] 2019-04-30
[30] US (62/579305) 2017-10-31

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[13] A1
[51] **Int.Cl. E03B 3/40 (2006.01) B64C 1/00 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS TO CAPTURE MOISTURE FROM A STRUCTURAL MEMBER**
[54] **DISPOSITIFS ET METHODES DE CAPTURE DE L'HUMIDITE D'UN ELEMENT STRUCTUREL**
[72] HITCHCOCK, CORY MICHAEL, US
[72] BROCKETT, ADAM JOSEPH, US
[72] DAVIS, KENNETH GEORGE, US
[71] THE BOEING COMPANY, US
[22] 2018-08-15
[41] 2019-04-30
[30] US (15/798,045) 2017-10-30

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[13] A1
[51] **Int.Cl. B22F 1/02 (2006.01) C01G 49/00 (2006.01) C23C 22/02 (2006.01)**
[25] EN
[54] **IRON PARTICLE PASSIVATION**
[54] **PASSIVATION DE PARTICULE DE FER**
[72] KINLEN, PATRICK J., US
[71] THE BOEING COMPANY, US
[22] 2018-08-17
[41] 2019-05-03
[30] US (15/803,561) 2017-11-03

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[51] **Int.Cl. F16H 15/28 (2006.01) B62M 11/04 (2006.01) F16H 37/00 (2006.01) F16H 57/02 (2012.01)**
[25] EN
[54] **STEPLESS TRANSMISSION CAPABLE OF OPERATING CONTINUOUSLY**
[54] **TRANSMISSION PROGRESSIVE CAPABLE DE FONCTIONNEMENT EN CONTINU**
[72] CHENG, HSIN-LIN, CN
[71] MOTIVE POWER INDUSTRY CO., LTD., CN
[22] 2018-08-21
[41] 2019-04-30
[30] TW (106137591) 2017-10-31

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[13] A1
[51] **Int.Cl. E04H 4/14 (2006.01) E04H 4/00 (2006.01)**
[25] EN
[54] **TANNING LEDGE SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT DE BORDURE DE BRONZAGE**
[72] KHAMIS, WILLIAM, US
[72] VONDELL, EDWARD, US
[72] CAMP, DAVID, US
[71] THURSDAY POOLS, US
[22] 2018-09-05
[41] 2019-05-02
[30] US (15/801,771) 2017-11-02

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[13] A1
[51] **Int.Cl. F27D 3/18 (2006.01) F27B 1/16 (2006.01) F27B 3/10 (2006.01) F27B 3/22 (2006.01)**
[25] EN
[54] **FLUID ASSISTED PARTICLE INJECTOR**
[54] **INJECTEUR DE PARTICULES ASSISTE PAR UN FLUIDE**
[72] KOVACIC, THOMAS, US
[72] BUGAR, GARY, US
[72] GEIBEL, KENNETH, US
[71] BERRY METAL COMPANY, US
[22] 2018-09-07
[41] 2019-05-03
[30] US (15/803,526) 2017-11-03

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[13] A1
[51] **Int.Cl. F23D 14/78 (2006.01) F27B 1/16 (2006.01) F27B 3/22 (2006.01)**
[25] EN
[54] **BURNER HOUSING**
[54] **LOGEMENT DE BRULEUR**
[72] KOVACIC, THOMAS, US
[72] MATTICH, MICHAEL, US
[72] BUGAR, GARY, US
[71] BERRY METAL COMPANY, US
[22] 2018-09-07
[41] 2019-05-03
[30] US (15/803,223) 2017-11-03

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[13] A1
[51] **Int.Cl. F23M 20/00 (2014.01) F23C 5/00 (2006.01) F23D 11/36 (2006.01) F23D 14/78 (2006.01) F27B 1/24 (2006.01) F27B 3/24 (2006.01)**
[25] EN
[54] **COMBUSTION CAN**
[54] **CONTENANT DE COMBUSTION**
[72] MATTICH, MICHAEL, US
[71] BERRY METAL COMPANY, US
[22] 2018-09-07
[41] 2019-05-03
[30] US (15/803,175) 2017-11-03

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[51] **Int.Cl. F23D 14/58 (2006.01) F23C 5/00 (2006.01) F23D 11/38 (2006.01) F23D 14/22 (2006.01) F27B 1/16 (2006.01) F27B 3/22 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **FURNACE BURNER**
[54] **BRULEUR DE FOUR**
[72] BOYLE, DENNIS, US
[72] MATTICH, MICHAEL, US
[71] BERRY METAL COMPANY, US
[22] 2018-09-07
[41] 2019-05-03
[30] US (15/803,455) 2017-11-03

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[51] **Int.Cl. F27B 3/24 (2006.01) F27B 1/24 (2006.01) F27D 1/12 (2006.01)**
[25] EN
[54] **MODULAR FURNACE COOLING WALL**
[54] **PAROI DE REFROIDISSEMENT DE FOUR MODULAIRE**
[72] KOVACIC, THOMAS, US
[71] BERRY METAL COMPANY, US
[22] 2018-09-07
[41] 2019-05-03
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[13] A1
[51] **Int.Cl. B07B 1/55 (2006.01) B01D 35/28 (2006.01)**
[25] EN
[54] **STRAINER DEVICE FOR WASH WATER USED WITH EQUIPMENT IN THE AGGREGATE AND MINING INDUSTRIES**
[54] **DISPOSITIF DE TAMIS D'EAU DE LAVAGE UTILISE AVEC L'EQUIPEMENT DANS LES INDUSTRIES DU TRAITEMENT D'AGREGATS ET DE L'EXPLOITATION MINIERE**
[72] LOSHE, DALE A., US
[72] SHERBAHN, SCOTT G., US
[72] MAYES, JASON H., US
[71] DEISTER MACHINE COMPANY, INC., US
[22] 2018-09-12
[41] 2019-04-30
[30] US (15/797004) 2017-10-30

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[13] A1
[51] **Int.Cl. F16B 7/02 (2006.01) B29C 70/30 (2006.01) B64C 13/30 (2006.01) F16B 1/00 (2006.01) F16C 7/00 (2006.01)**
[25] EN
[54] **COMPOSITE TUBULAR STRUCTURE**
[54] **STRUCTURE TUBULAIRE COMPOSITE**
[72] BEALE, THOMAS, GB
[72] BERNARD, JAMES, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-09-13
[41] 2019-04-30
[30] EP (17199427.0) 2017-10-31

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[13] A1
[51] **Int.Cl. B66C 1/62 (2006.01) E03F 5/06 (2006.01) E04C 2/42 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **TOOL FOR LIFTING OPEN FLOOR GRATING AND THE LIKE**
[54] **OUTIL DE LEVAGE DE GRILLE DE PLANCHER OUVERTE ET AUTRE SEMBLABLE**
[72] TREMBLAY, STEEVE, CA
[71] TREMBLAY, STEEVE, CA
[22] 2018-09-19
[41] 2019-04-30
[30] GB (1717873.2) 2017-10-30

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/04 (2006.01)**
[25] EN
[54] **SIMULATION DEVICE**
[54] **DISPOSITIF DE SIMULATION**
[72] MAR, ENRIQUE, US
[71] ADVANCED TRAINING SYSTEM LLC, US
[22] 2018-09-20
[41] 2019-04-29
[30] US (15796829) 2017-10-29

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/327 (2006.01)**
[25] EN
[54] **OSCILLATION AND RETRACTION MECHANISM FOR WINDOW BLINDS**
[54] **MECANISME D'OSCILLATION ET RETRACTION DESTINE A DES STORES**
[72] WHITMIRE, J. PORTER, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-09-20
[41] 2019-04-30
[30] US (62/579,319) 2017-10-31

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) G06Q 10/04 (2012.01) B64D 37/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING AIRCRAFT FUEL EFFICIENCY**
[54] **METHODE ET SYSTEME SERVANT A AMELIORER L'EFFICACITE DU CARBURANT D'UN AERONEF**
[72] KIM, GEUN I., US
[72] FREGNANI, JOSE A., US
[72] ROHR, TIM, US
[71] THE BOEING COMPANY, US
[22] 2018-09-21
[41] 2019-04-30
[30] US (15/797,118) 2017-10-30

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[13] A1
[51] **Int.Cl. F16C 1/02 (2006.01) F16C 1/08 (2006.01)**
[25] EN
[54] **COMPOSITE FLEXIBLE COUPLING**
[54] **RACCORD SOUPLE COMPOSITE**
[72] POLLITT, WILL, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-09-24
[41] 2019-04-30
[30] EP (17199271.2) 2017-10-30

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[13] A1
[51] **Int.Cl. A01B 76/00 (2006.01) B60D 1/62 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **VARIABLE SPEED ONBOARD AUXILIARY POWER SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME D'ALIMENTATION AUXILIAIRE EMBARQUEE A VITESSE VARIABLE DESTINE A UN ACCESSOIRE AGRICOLE**
[72] LONGUA, ROBERT, US
[72] PRICKEL, MARVIN A., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-09-26
[41] 2019-05-02
[30] US (15/801,834) 2017-11-02

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[51] **Int.Cl. A01G 25/16 (2006.01) A01G 25/09 (2006.01) A01M 7/00 (2006.01) B05B 1/14 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED PUMP SYSTEM**
[54] **SYSTEME DE POMPE DISTRIBUE**
[72] DAVIS, RYAN P., US
[72] HUMPAL, RICHARD A., US
[72] FISHER, PATRICK J., US
[71] DEERE & COMPANY, US
[22] 2018-09-28
[41] 2019-04-30
[30] US (62/578,591) 2017-10-30
[30] US (15/996,871) 2018-06-04

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[13] A1
[51] **Int.Cl. A01D 57/20 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **DRAPER BELT ROLLER SUPPORT**
[54] **SUPPORT DE ROULEAU DE TULOTEUSE**
[72] AUGUSTINE, BRENT A., US
[72] HASENOUR, ANTHONY M., US
[72] BRIMEYER, ALEX, US
[72] PIERSON, JOSHUA R., US
[72] HOFFMAN, DANIEL S., US
[72] FITZPATRICK, NICHOLIS R., US
[72] CARLESSO, RODRIGO, BR
[71] DEERE & COMPANY, US
[22] 2018-09-28
[41] 2019-04-30
[30] US (15/799,987) 2017-10-31

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[13] A1
[51] **Int.Cl. A61M 25/02 (2006.01) A44B 18/00 (2006.01)**
[25] EN
[54] **OFFSET CATHETER SECUREMENT DEVICE WITH REMOVABLE RETENTION MEMBER**
[54] **DISPOSITIF DE FIXATION DE CATHETER DECALE COMPORTANT UN ELEMENT DE RETENTION AMOVIBLE**
[72] PARKHURST, ARTHUR, US
[71] TIDI PRODUCTS, LLC, US
[22] 2018-09-28
[41] 2019-05-02
[30] US (15/801809) 2017-11-02

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[51] **Int.Cl. E04D 15/00 (2006.01) H02S 20/23 (2014.01) F24S 25/35 (2018.01) F24S 25/636 (2018.01) F24S 25/67 (2018.01) F24S 25/70 (2018.01) E04D 13/00 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **PANEL MEMBER SECURING STRUCTURE AND PANEL MEMBER SECURING TOOL**
[54] **STRUCTURE DE FIXATION D'ELEMENT DE PANNEAU ET OUTIL DE FIXATION D'ELEMENT DE PANNEAU**
[72] KOBAYASHI, SHUICHI, JP
[71] YANEGIJUTSUKENKYUJO CO., LTD., JP
[22] 2018-10-02
[41] 2019-05-01
[30] JP (JP2017-212230) 2017-11-01

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[13] A1
[51] **Int.Cl. B41J 15/04 (2006.01) B65H 16/06 (2006.01) B65H 18/02 (2006.01)**
[25] EN
[54] **A TWO-PART SPINDLE MECHANISM FOR A PRINTER PAPER BUCKET, A PRINTER PAPER BUCKET, AND A PRINTER HAVING A PAPER BUCKET WITH A TWO-PART SPINDLE MECHANISM**
[54] **UN MECANISME DE TIGE EN DEUX PARTIES DESTINE A UN SEAU A PAPIER D'IMPRIMANTE, UN SEAU A PAPIER D'IMPRIMANTE ET UNE IMPRIMANTE COMPORTANT UN SEAU A PAPIER COMPRENANT UN MECANISME DE TIGE EN DEUX PARTIES**
[72] HARRIS, BRUCE, US
[72] WEEKS, DAVID, US
[71] TRANSACT TECHNOLOGIES INCORPORATED, US
[22] 2018-10-02
[41] 2019-04-30
[30] US (15/796,981) 2017-10-30

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[51] **Int.Cl. F16M 13/00 (2006.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61N 5/10 (2006.01) F16B 5/00 (2006.01) H04N 5/32 (2006.01)**
[25] EN
[54] **OPERATION AND CONTROL OF MAGNETIC RESONANCE IMAGING APPARATUS**
[54] **FONCTIONNEMENT ET CONTROLE D'UN APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] BOURNE, DUNCAN, GB
[72] WILLIAMS, ANTHONY, GB
[71] ELEKTA LIMITED, GB
[22] 2018-10-04
[41] 2019-05-03
[30] GB (1718288.2) 2017-11-03

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[51] **Int.Cl. F23R 3/00 (2006.01) F01D 25/12 (2006.01) F23R 3/54 (2006.01)**
[25] EN
[54] **DOUBLE SKIN COMBUSTOR**
[54] **COMBUSTOR A DOUBLE PEAU**
[72] SZE, ROBERT, CA
[72] SREEKANTH, SRI, CA
[72] STASTNY, HONZA, CA
[72] VERHIEL, JEFFREY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-10-09
[41] 2019-04-30
[30] US (15/798,906) 2017-10-31

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[13] A1
[51] **Int.Cl. B64C 27/605 (2006.01)**
[25] FR
[54] **COLLECTIVE VARIABLE PITCH ROTOR AND AIRCRAFT**
[54] **ROTOR A PAS COLLECTIF VARIABLE ET AERONEF**
[72] BERTHALON, SYLVAIN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-10-09
[41] 2019-04-30
[30] FR (1771154) 2017-10-31

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[13] A1
[51] **Int.Cl. B67D 7/06 (2010.01) G06F 21/31 (2013.01) G16Z 99/00 (2019.01)**
[25] EN
[54] **CONTROLLING MAINTENANCE OF A FUEL DISPENSER**
[54] **CONTROLER L'ENTRETIEN D'UN DISTRIBUTEUR DE CARBURANT**
[72] BERGQVIST, ANDERS, SE
[71] WAYNE FUELING SYSTEMS LLC, US
[22] 2018-10-11
[41] 2019-05-02
[30] US (15/801,947) 2017-11-02

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[13] A1
[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/18 (2006.01) F16G 11/00 (2006.01)**
[25] EN
[54] **ROPE SHACKLE ATTACHMENT THIMBLE**
[54] **COSSE DE FIXATION D'ARCEAU DE CORDE**
[72] RUSSELL, ERIC, US
[72] BENNETT, PATRICK W., US
[71] OMIX-ADA, INC., US
[22] 2018-10-11
[41] 2019-04-30
[30] US (15/798,000) 2017-10-30

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[13] A1
[51] **Int.Cl. G10L 15/20 (2006.01) H04N 21/40 (2011.01) G10L 15/22 (2006.01)**
[25] EN
[54] **PREVENTING UNWANTED ACTIVATION OF A HANDS-FREE DEVICE**
[54] **PREVENIR L'ACTIVATION INVOLONTAIRE DE DISPOSITIF MAINS LIBRES**
[72] O'MALLEY, SHAWN, US
[72] ROSENWALD, MICHAEL, US
[72] ZAUCHA, JEREMY, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-10-10
[41] 2019-04-30
[30] US (15/798,625) 2017-10-31

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[13] A1
[51] **Int.Cl. B01D 17/09 (2006.01)**
[25] EN
[54] **HORIZONTAL PRODUCTION SEPARATOR WITH HELICAL EMULSION CIRCULATION COILS**
[54] **SEPARATEUR DE PRODUCTION HORIZONTAL COMPORTANT DES SERPENTINS DE CIRCULATION D'EMULSION HELICOIDAUX**
[72] SMITH, TYSON, US
[72] CHAMBERLAIN, TODD, US
[72] CHAMBERLAIN, KELLY, US
[71] RED DEER IRONWORKS INC., CA
[22] 2018-10-12
[41] 2019-04-30
[30] US (62/578,624) 2017-10-30

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[13] A1
[51] **Int.Cl. F16C 3/02 (2006.01)**
[25] EN
[54] **TRANSMISSION SHAFT**
[54] **ARBRE DE TRANSMISSION**
[72] GIANNAKOPOULOS, IOANNIS, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-10-15
[41] 2019-05-01
[30] GR (20170100491) 2017-11-01

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[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **PARTIALLY ASSEMBLED KNOTLESS SUTURE CONSTRUCT**
[54] **CONSTRUCTION DE SUTURE SANS NOEUD ASSEMBLEE PARTIELLEMENT**
[72] MOORE, JESSE G., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2018-10-16
[41] 2019-05-01
[30] US (62/580,218) 2017-11-01
[30] US (16/155,045) 2018-10-09

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) H04W 84/10 (2009.01) B81B 7/02 (2006.01) G08C 17/02 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **LOCK SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE VERROUILLAGE**
[72] BRYLA, MARK, US
[72] LORELLO, MICHAEL, US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 2018-10-17
[41] 2019-04-30
[30] US (62/579362) 2017-10-31
[30] US (16/142606) 2018-09-26

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[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01) B67D 7/04 (2010.01) B67D 7/84 (2010.01) F24F 7/007 (2006.01)**
[25] EN
[54] **GAS SUPPLYING APPARATUS**
[54] **APPAREIL D'APPROVISIONNEMENT DE GAZ**
[72] WASHIO, TAKUYA, JP
[72] HASHIMOTO, KOICHIRO, JP
[72] WADA, DAISUKE, JP
[72] NAGURA, KENJI, JP
[72] FUJISAWA, AKITOSHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 2018-10-17
[41] 2019-05-02
[30] JP (2017-212673) 2017-11-02

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **DOOR LOCK ELECTRICAL SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME ELECTRIQUE DE VERROU DE PORTE ET METHODE DE FONCTIONNEMENT**
[72] BRYLA, MARK, US
[72] LORELLO, MICHAEL, US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 2018-10-18
[41] 2019-04-30
[30] US (62/579249) 2017-10-31
[30] US (16/142658) 2018-09-26

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[13] A1
[51] **Int.Cl. B64C 11/00 (2006.01) B64C 7/00 (2006.01) B64C 23/06 (2006.01) B64D 29/00 (2006.01)**
[25] EN
[54] **FAN COWL WITH A SERRATED TRAILING EDGE PROVIDING ATTACHED FLOW IN REVERSE THRUST MODE**
[54] **CARTER DE SOUFFLANTE COMPORTANT UN BORD DE TRAINEE STRIE FOURNISSANT UN FLUX ATTACHE EN MODE DE POUSSEE INVERSE**
[72] VASSBERG, JOHN C., US
[72] DEHAAN, MARK, US
[72] ROMAN, DINO, US
[71] THE BOEING COMPANY, US
[22] 2018-10-19
[41] 2019-05-01
[30] US (15/801105) 2017-11-01

[21] **3,021,438**
[13] A1
[51] **Int.Cl. H04B 10/294 (2013.01) H04B 10/25 (2013.01) H04B 10/40 (2013.01) H01S 5/00 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL, MULTI-WAVELENGTH GIGABIT OPTICAL FIBER NETWORK**
[54] **RESEAU DE FIBRES OPTIQUES GIGAOCTET MULTI LONGUEURS D'ONDE, BIDIRECTIONNEL**
[72] CHAN, ERIC Y., US
[72] TRUONG, TUONG K., US
[72] KOSHINZ, DENNIS G., US
[71] THE BOEING COMPANY, US
[22] 2018-10-19
[41] 2019-05-03
[30] US (15/802523) 2017-11-03

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[13] A1
[51] **Int.Cl. F16D 63/00 (2006.01) B64C 13/28 (2006.01) F16D 43/208 (2006.01)**
[25] EN
[54] **BRAKING DEVICE**
[54] **DISPOSITIF DE FREINAGE**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2018-10-18
[41] 2019-05-02
[30] EP (17275178.6) 2017-11-02

[21] **3,021,523**
[13] A1
[51] **Int.Cl. E04C 3/02 (2006.01) E04C 2/42 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **FRAMING SYSTEM AND METHOD OF ASSEMBLY THEREOF**
[54] **SYSTEME DE STRUCTURE ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] SCHNEIDER, CHRISTOPHER MICHAEL, US
[72] BERTKE, PATRICK JOSEPH, US
[72] DIXON, WAYNE ELBERT, US
[72] TERRELS, CHRISTOPHER, US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2018-10-19
[41] 2019-05-01
[30] US (62/580,120) 2017-11-01
[30] US (15/944,818) 2018-04-04

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **APPARATUS FOR ENDOSCOPIC PROCEDURES**
[54] **APPAREIL DESTINE A DES INTERVENTIONS ENDOSCOPIQUES**
[72] BEARDSLEY, JOHN W., US
[72] FARASCIONI, DAVID M., US
[71] COVIDIEN LP, US
[22] 2018-10-22
[41] 2019-04-30
[30] US (62/578,673) 2017-10-30
[30] US (16/158,427) 2018-10-12

[21] **3,021,712**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64D 29/08 (2006.01) E05C 19/10 (2006.01) G05G 25/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING THE STATE OF A HOOK-KEEPER UNIT**
[54] **SYSTEME DE SURVEILLANCE DE L'ETAT D'UN MODULE DE MAINTIEN DE CROCHET**
[72] ROMERO GALAN, FRANCISCO, ES
[72] ESCRIBANO SERRANO, CARLOS MANUEL, ES
[72] ROMERO MOLINA, ISABEL, ES
[72] DE GRACIA MAQUEDA, JESUS, ES
[71] AIRBUS DEFENCE AND SPACE, S.A.U., ES
[22] 2018-10-19
[41] 2019-05-03
[30] EP (17382736.1) 2017-11-03

[21] **3,021,718**
[13] A1
[51] **Int.Cl. A47G 1/06 (2006.01) A47G 1/16 (2006.01)**
[25] EN
[54] **PICTURE FRAME DEVICE**
[54] **DISPOSITIF DE CADRE PHOTO**
[72] HSU, YU-WEI, CN
[71] HSU, YU-WEI, CN
[22] 2018-10-22
[41] 2019-04-30
[30] TW (106216007) 2017-10-30

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/04 (2006.01) E21B 47/022 (2012.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR EFFICIENTLY COMMUNICATING A GEOSTEERING TRAJECTORY ADJUSTMENT**
[54] **APPAREIL, SYSTEMES ET METHODES DE COMMUNICATION EFFICACE D'UN AJUSTEMENT DE TRAJECTOIRE GEODIRIGEE**
[72] VIENS, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-10-23
[41] 2019-04-30
[30] US (15/797444) 2017-10-30

[21] **3,021,869**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ENHANCING TRANSACTIONAL DATA**
[54] **AMELIORATION DES DONNEES TRANSACTIONNELLES**
[72] SWEENEY, TIM, US
[71] COMENITY LLC, US
[22] 2018-10-23
[41] 2019-04-30
[30] US (62/578949) 2017-10-30
[30] US (16/101258) 2018-08-10
[30] US (16/101308) 2018-08-10
[30] US (16/101322) 2018-08-10

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[13] A1
[51] **Int.Cl. F16D 65/10 (2006.01) B60T 17/22 (2006.01) F16D 66/02 (2006.01)**
[25] EN
[54] **DEVICES AND SYSTEMS TO PREVENT BRAKE DUST ACCUMULATION IN DRUM BRAKES**
[54] **DISPOSITIFS ET SYSTEMES EMPECHANT L'ACCUMULATION DE POUSSIERE SUR LES FREINS DANS LES FREINS A TAMBOUR**
[72] GOODELL, DAVID J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS, LLC, US
[22] 2018-10-24
[41] 2019-05-02
[30] US (15/801,386) 2017-11-02

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[13] A1
[51] **Int.Cl. G02C 7/08 (2006.01) G02B 5/32 (2006.01)**
[25] EN
[54] **HOLOGRAPHIC EYEGLASS LENS**
[54] **VERRE DE LUNETTES HOLOGRAPHIQUE**
[72] ZHENG, KELI, CN
[71] ZHENG, KELI, CN
[22] 2018-10-24
[41] 2019-04-28
[30] CN (CN201711035686.8) 2017-10-28

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[13] A1
[51] **Int.Cl. B60S 1/62 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **ENHANCED WASHING DEVICE FOR VEHICLE ACCESSORY**
[54] **APPAREIL DE LAVAGE AMELIORE D'ACCESSOIRE DE VEHICULE**
[72] KARASIK, VLADIMIR, US
[71] METHODE ELECTRONICS, INC., US
[22] 2018-10-24
[41] 2019-05-03
[30] US (15/802,933) 2017-11-03

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[13] A1
[51] **Int.Cl. H01R 12/77 (2011.01) H01R 13/46 (2006.01) H05K 1/11 (2006.01)**
[25] EN
[54] **CASING FOR CONNECTING ELECTRICAL LINES PRINTED ON A FOIL TO A VOLTAGE SUPPLY**
[54] **ENVELOPPE SERVANT A RACCORDER DES LIGNES ELECTRIQUES IMPRIMEES SUR UN SUBSTRAT METALLIQUE A UNE ALIMENTATION DE TENSION**
[72] LINDE, PETER, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2018-10-24
[41] 2019-04-30
[30] DE (102017219437.5) 2017-10-30

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[13] A1
[51] **Int.Cl. F16L 15/06 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **OIL COUNTRY TUBULAR GOODS CASING COUPLING**
[54] **RACCORD D'ENVELOPPE D'ARTICLES TUBULAIRES D'EXPLOITATION PETROLIERE**
[72] URECH, BOWMAN A., US
[71] OCTG CONNECTIONS, LLC, US
[22] 2018-10-25
[41] 2019-04-30
[30] US (62/578,941) 2017-10-30
[30] US (16/168,058) 2018-10-23

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[13] A1
[51] **Int.Cl. C09D 7/65 (2018.01)**
[25] EN
[54] **TINT BASE PAINT FORMULATION WITH A POLY(OXYALKYLENE-URETHANE) ASSOCIATIVE THICKENER MODIFIED WITH A HYDROPHOBIC OLIGOMER**
[54] **FORMULE DE PEINTURE DE BASE A TEINTER COMPORTANT UN EPAISSISSANT ASSOCIATIF POLY(OXYALKYLENE-URETHANE) MODIFIE AVEC UN OLIGOMERE HYDROPHOBE**
[72] RABASCO, JOHN J., US
[72] ROMER, DUANE R., US
[72] SAUCY, DANIEL A., US
[72] VAN DYK, ANTONY K., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2018-10-26
[41] 2019-05-03
[30] US (62/581353) 2017-11-03

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[13] A1
[51] **Int.Cl. H01H 71/12 (2006.01) H01H 71/50 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS WITH SPRINGS AND SHUNT TRIP MECHANISM**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE COMPORTANT DES RESSORTS ET UN MECANISME DE DECLENCHEMENT DE SHUNT**
[72] DIXIT, RISHABH, IN
[72] PROHASKA, RICHARD, US
[72] VAISHNAVI, ROMIL, IN
[72] DEVARDE, SOMNATH, IN
[72] SAVGAVE, PRASHANT, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-10-26
[41] 2019-04-30
[30] US (15/797303) 2017-10-30

[21] **3,022,388**
[13] A1
[51] **Int.Cl. C07D 239/34 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING AZOXYSTROBIN INTERMEDIATES**
[54] **METHODE DE PREPARATION D'INTERMEDIAIRES D'AZOXYSTROBINE**
[72] WANG, HAISHUI, CN
[72] YANG, BINGLIAN, CN
[72] XIE, SIMIAN, CN
[72] TIAN, XIAOHONG, CN
[72] XU, JIWANG, CN
[71] CAC NANTONG CHEMICAL CO., LTD, CN
[22] 2018-10-29
[41] 2019-04-30
[30] CN (201711049390.1) 2017-10-31

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[21] **3,022,434**
[13] A1
[51] **Int.Cl. G06F 16/9035 (2019.01)**
[25] EN
[54] **AUTOMATIC SEARCH DICTIONARY AND USER INTERFACES**
[54] **DICTIONNAIRE DE RECHERCHE AUTOMATIQUE ET INTERFACES UTILISATEUR**
[72] KUSHKULEY, ALEXANDER, US
[72] KRISHNAN, BHARATH K., US
[71] SALESFORCE.COM, INC., US
[22] 2018-10-29
[41] 2019-05-03
[30] US (62/581474) 2017-11-03
[30] US (15/905127) 2018-02-26

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **ADAPTIVE EVENT AGGREGATION**
[54] **AGREGATION D'EVENEMENT ADAPATATIVE**
[72] WU, JIANG, US
[72] VAILAYA, ADITYA, US
[72] WONG, LEO, US
[72] VEIGA, PAULO GUSTAVO, US
[71] MULESOFT, LLC, US
[22] 2018-10-29
[41] 2019-04-30
[30] US (62/579045) 2017-10-30
[30] US (15/874714) 2018-01-18

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/04 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **SUCTION INSTRUMENT WITH BIPOLAR RF CUFF**
[54] **INSTRUMENT D'ASPIRATION A POIGNET RF BIPOLAIRE**
[72] PALUSHI, JETMIR, US
[72] FANG, ITZHAK, US
[72] SALAZAR, HENRY F., US
[71] ACCLARENT, INC., US
[22] 2018-10-29
[41] 2019-04-30
[30] US (15/797,091) 2017-10-30

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[13] A1
[51] **Int.Cl. C07D 239/52 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING AZOXYSTROBIN**
[54] **METHODE DE PREPARATION D'AZOXYSTROBINE**
[72] YANG, BINGLIAN, CN
[72] WANG, HAISHUI, CN
[72] XIE, SIMIAN, CN
[72] TIAN, XIAOHONG, CN
[72] XU, JIWANG, CN
[71] CAC NANTONG CHEMICAL CO., LTD, CN
[22] 2018-10-29
[41] 2019-04-30
[30] CN (201711049391.6) 2017-10-31

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[51] **Int.Cl. A47G 21/18 (2006.01) A45C 11/00 (2006.01) A45F 3/16 (2006.01) A45F 5/00 (2006.01) A47G 29/08 (2006.01) A47L 17/00 (2006.01)**
[25] EN
[54] **REUSABLE FOLDABLE DRINKING STRAW IN STORAGE CASE**
[54] **PAILLE PLIANTE REUTILISABLE DANS UN BOITIER DE RANGEMENT**
[72] PEPPER, MILES, US
[71] THE FINAL CO. LLC, US
[22] 2018-10-26
[41] 2019-04-30
[30] US (62/579013) 2017-10-30
[30] US (62/658976) 2018-04-17
[30] US (15/987681) 2018-05-23
[30] US (PCT/US2018/035621) 2018-06-01

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01) G06F 16/907 (2019.01) G06F 16/95 (2019.01)**
[25] EN
[54] **COMMUNITY MERCHANT CROSS SELLING/PROMOTING WITH SHARED ECOMMERCE SHOPPING CART FOR ITEMS SELECTED BY COMMUNITY RESIDENTS INCENTED TO CONDUCT TRANSACTIONS TO INCENT COMMUNITY DONATIONS**
[54] **VENTE ET PROMOTION CROISEES DE MARCHANDS EN COMMUNAUTE COMPRENANT UN PANIER D'ACHAT ELECTRONIQUE D'ARTICLES SELECTIONNES PAR LES RESIDENTS D'UNE COMMUNAUTE INCITES A FAIRE DES TRANSACTIONS POUR SUSCITER DES DONS DANS LA COMMUNAUTE**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BALAN, RICHARD M., CA
[71] TIETZEN, TERRANCE PATRICK, CA
[71] BALAN, RICHARD M., CA
[22] 2018-10-29
[41] 2019-05-01
[30] US (62/580,130) 2017-11-01

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[13] A1
[51] **Int.Cl. F16C 3/28 (2006.01) B24B 23/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE STROKE DEVICE WITH CAM**
[54] **DISPOSITIF A COURSE AJUSTABLE DOTE D'UNE CAME**
[72] MCLAIN, SCOTT S., US
[72] SNYKER, MARK, US
[71] LAKE COUNTRY MANUFACTURING, INC., US
[22] 2018-10-30
[41] 2019-04-30
[30] US (62/578,797) 2017-10-30
[30] US (16/171,974) 2018-10-26

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[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GAP DETECTION IN ABLATION LINES**
[54] **METHODE ET SYSTEME DE DETECTION D'ECART DANS LES LIGNES D'ABLATION**
[72] BERMAN, DROR, US
[72] PRESSMAN, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-10-30
[41] 2019-04-30
[30] US (15/799,254) 2017-10-31

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[13] A1
[51] **Int.Cl. A01G 9/02 (2018.01) A01G 18/60 (2018.01) A01G 9/08 (2006.01) A01G 27/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR VERTICAL AGRICULTURE**
[54] **APPAREIL DESTINE A L'AGRICULTURE VERTICALE**
[71] TEMPANY, TIMOTHY P., CA
[71] TEMPANY, WILLIAM T., CA
[22] 2018-10-30
[41] 2019-04-30
[30] US (62/578,983) 2017-10-30

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[51] **Int.Cl. H02G 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **ACTIVE COVER PLATES**
[54] **PLAQUES DE REVETEMENT ACTIVES**
[72] SMITH, JEREMY C., US
[71] SNAPRAYS, LLC, US
[22] 2018-10-30
[41] 2019-04-30
[30] US (62/579033) 2017-10-30
[30] US (16/166965) 2018-10-23
[30] US (15/870832) 2018-01-12
[30] US (15/920047) 2018-03-13

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/95 (2019.01) G06F 16/955 (2019.01) G06F 9/44 (2018.01) G06F 9/445 (2018.01) G06F 11/36 (2006.01)**
[25] EN
[54] **DYNAMIC CONTENT AND CLOUD BASED CONTENT WITHIN COLLABORATIVE ELECTRONIC CONTENT CREATION AND MANAGEMENT TOOLS**
[54] **CONTENU DYNAMIQUE ET CONTENU NUAGIQUE DANS LES OUTILS DE CREATION ET DE GESTION DE CONTENU ELECTRONIQUE COLLABORATIVES**
[72] RING, DEVON, CA
[72] D'AOUST, CHRIS, CA
[72] RICHER, MATTHEW, CA
[71] DELTEK, INC., US
[22] 2018-10-29
[41] 2019-04-30
[30] US (62/578,595) 2017-10-30

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[13] A1
[51] **Int.Cl. B02C 18/06 (2006.01) B02C 13/02 (2006.01) B02C 18/22 (2006.01)**
[25] EN
[54] **ROTARY REDUCING COMPONENT**
[54] **COMPOSANTE DE REDUCTION DE LA ROTATION**
[72] WEINBERG, CLINT, US
[72] DAINING, STEPHEN, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2018-10-29
[41] 2019-04-30
[30] US (62/578,982) 2017-10-30

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[21] **3,022,575**
[13] A1
[51] **Int.Cl. G08B 25/00 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISARMING A SECURITY SYSTEM MONITORING A SECURED AREA USING A TWO-DIMENSIONAL SCANNABLE ACCESS CODE**
[54] **SYSTEMES ET METHODES DE DESARMEMENT D'UN SYSTEME DE SURVEILLANCE SURVEILLANT UNE ZONE SECURISEE AU MOYEN D'UN CODE D'ACCES BALAYABLE BIDIMENSIONNEL**
[72] COVI, ANDREW, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-10-29
[41] 2019-05-01
[30] US (62/580,168) 2017-11-01
[30] US (16/170,728) 2018-10-25

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[13] A1
[51] **Int.Cl. E04F 13/24 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **FACADE SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE FACADE**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2018-10-30
[41] 2019-04-30
[30] US (15/797737) 2017-10-30

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[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01) B64F 5/10 (2017.01) B32B 3/28 (2006.01) B32B 5/02 (2006.01) B32B 37/00 (2006.01) B32B 38/18 (2006.01) F41H 5/02 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **MODULAR MOULD AND METHOD FOR MANUFACTURING A PANEL OF FIBRE REINFORCED MATERIAL**
[54] **MOULE MODULAIRE ET METHODE DE FABRICATION D'UN PANNEAU DE MATERIAU RENFORCE DE FIBRE**
[72] VELEZ DE MENDIZABAL ALONSO, IKER, ES
[72] MARTINO GONZALEZ, ESTEBAN, ES
[72] APELLANIZ DE LA FUENTE, DAVID, ES
[71] AIRBUS OPERATIONS S.L., ES
[22] 2018-10-29
[41] 2019-04-30
[30] EP (17382732.0) 2017-10-31

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/46 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **VARIETY CORN LINE JIC4218**
[54] **VARIETE DE MAIS JIC4218**
[72] TRAGESSER, SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2018-10-30
[41] 2019-05-01
[30] US (15/800157) 2017-11-01

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[13] A1
[51] **Int.Cl. F16G 15/04 (2006.01) F16G 17/00 (2006.01)**
[25] EN
[54] **SHACKLE GUARD AND SPACER WITH TETHER**
[54] **PROTEGE-MANILLE ET ESPACEUR DOTES D'UN CABLE D'ATTACHE**
[72] TURNER, MARK A., US
[71] DAYSTAR PRODUCTS INTERNATIONAL, INC., US
[22] 2018-10-30
[41] 2019-04-30
[30] CA (3003394) 2018-04-30
[30] US (62579108) 2017-10-30
[30] US (16045699) 2018-07-25
[30] US (15798306) 2017-10-30

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[13] A1
[51] **Int.Cl. A01M 3/00 (2006.01) F41B 11/51 (2013.01) F41B 11/60 (2013.01) F41B 11/80 (2013.01)**
[25] EN
[54] **COMPACT IMPROVED BUG KILLING GUN**
[54] **FUSIL AMELIORE COMPACT SERVANT A TUER DES INSECTES**
[72] MAGGIORE, LOREN, US
[71] MAGGIORE, LOREN, US
[22] 2018-10-30
[41] 2019-05-02
[30] US (15/801,393) 2017-11-02
[30] WO (PCT/US2018/019908) 2018-02-27
[30] US (16/048,156) 2018-07-27

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[13] A1
[51] **Int.Cl. A61B 17/88 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **POWER-LIQUID BONE CEMENT MIXER WITH COMPRESSED GAS CONNECTION**
[54] **MELANGEUR DE CIMENT ORTHOPEDIQUE LIQUIDE-POUDRE COMPORTANT UNE CONNEXION DE GAZ COMPRIME**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2018-10-30
[41] 2019-05-02
[30] DE (10 2017 125 592.3) 2017-11-02

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[13] A1
[51] **Int.Cl. B07B 1/06 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **DISC SCREEN FOR THE SEPARATION OF SOLID MATERIALS**
[54] **ECRAN A DISQUE DESTINE A LA SEPARATION DE MATIERES SOLIDES**
[72] CAPPOZZO, DOMENICO, IT
[71] ECOSTAR S.R.L., IT
[22] 2018-10-30
[41] 2019-04-30
[30] IT (102017000124190) 2017-10-31

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[13] A1
[51] **Int.Cl. B05B 7/04 (2006.01) F21S 10/04 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **ELECTRONIC LUMINARY WITH MIST FLAME EFFECT**
[54] **LUMINAIRE ELECTRONIQUE AYANT UN EFFET DE FLAMME DIFFUS**
[72] BOUCHER, FREDERIC, CA
[72] CARPINTERO, CARLOS, CA
[72] HURDUC, LUCIAN, CA
[71] STERNO HOME INC., CA
[22] 2018-10-30
[41] 2019-04-30
[30] US (62/578,765) 2017-10-30
[30] US (16/173,235) 2018-10-29

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[13] A1
[51] **Int.Cl. F24F 11/41 (2018.01) F24F 12/00 (2006.01)**
[25] EN
[54] **DEFROST SYSTEM AND METHOD FOR HEAT OR ENERGY RECOVERY VENTILATOR**
[54] **SYSTEME DE DEGIVRAGE ET METHODE SERVANT A CHAUFFER OU RECUPERER L'ENERGIE D'UN VENTILATEUR**
[72] GRINBERGS, PETER KARL, CA
[71] AIRIA DEVEL INC., CA
[22] 2018-10-30
[41] 2019-04-30
[30] GB (1717799.9) 2017-10-30

[21] **3,022,632**
[13] A1
[51] **Int.Cl. F04D 29/64 (2006.01) F04D 25/08 (2006.01) H01R 33/94 (2006.01) H02G 3/16 (2006.01)**
[25] EN
[54] **INSTALLATION SYSTEM FOR A CEILING FAN**
[54] **SYSTEME D'INSTALLATION D'UN VENTILATEUR DE PLAFOND**
[72] MCCURRY, RONALD C., US
[72] TOCCO, ANTHONY T., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-10-30
[41] 2019-04-30
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[54] **PREDICTEUR DE RENDEZ-VOUS PLANIFIE**
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[72] ROSENBLUM, JOSEPH, US
[72] CAYWOOD-CASADO, KEVIN, US
[72] CONG, MING, US
[71] MH SUB I, LLC, US
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[54] **DISPOSITIF DE MOULAGE DE LENTILLES ET PROCEDE DE FABRICATION DE LENTILLES**
[72] RITOU, ARNAUD, FR
[72] VOARINO, PHILIPPE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **TROUSSE DE CONVERSION DE CHARRUE**
[72] MORRISON, RICHARD A., US
[71] MORRISON, RICHARD A., US
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[25] EN
[54] **METHOD AND DEVICE FOR CONDUCTING MEASUREMENTS FOR AN N-DIMENSIONAL DATA STRUCTURE**
[54] **METHODE ET DISPOSITIF PERMETTANT DE FAIRE DES MESURES D'UNE STRUCTURE DE DONNEES A N DIMENSIONS**
[72] DING, WEIGUANG, CA
[72] HUANG, RUITONG, CA
[72] WANG, LUYU, CA
[72] CAO, YANSHUAI, CA
[71] ROYAL BANK OF CANADA, CA
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[25] EN
[54] **TRANSPORTATION INSTALLATION FOR A CRANE**
[54] **INSTALLATION DE TRANSPORT D'UN APPAREIL DE LEVAGE**
[72] KLAPPER, GEORG, AT
[71] HANS KUNZ GMBH, AT
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[25] EN
[54] **REVERSIBLE INDIVIDUAL UNIT FOR ELECTROLYSIS OR CO-ELECTROLYSIS OF WATER (SOEC) OR FOR FUEL CELL (SOFC) WITH OPERATION UNDER PRESSURE AND DECOUPLED COMPRESSIVE FORCE**
[54] **MODULE INDIVIDUEL REVERSIBLE DESTINE A L'ELECTROLYSE OU LA COELECTROLYSE DE L'EAU (SOEC) OU A UNE PILE A COMBUSTIBLE (SOFC) A FONCTIONNEMENT SOUS PRESSION ET FORCE DE COMPRESSION DECOUPLEE**
[72] PLANQUE, MICHEL, FR
[72] BERNARD, CHARLOTTE, FR
[72] ROUX, GUILHEM, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **HIGH-VOLTAGE SWITCH FOR SERIES/PARALLEL APPLICATIONS AND TAP CHANGER APPLICATIONS**
[54] **COMMUTATEUR HAUTE TENSION DESTINE AUX APPLICATIONS SERIELLES/PARALLELES ET AUX APPLICATIONS DE CHANGEUR DE PRISE**
[72] GOLNER, THOMAS (DECEASED), US
[72] NEMEC, JEFFREY J., US
[72] VIR, DHARAM, US
[71] SPX TRANSFORMER SOLUTIONS, INC., US
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[54] **TAMPER EVIDENT CAP**
[54] **CAPUCHON INVIOLABLE**
[72] LAROQUE, MARK, US
[71] HYPERKINETICS CORPORATION, US
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[54] **MACHINE USAGE SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'UTILISATION DE MACHINE**
[72] FORESTELL, KEVIN, CA
[72] CHALMERS, DAVE, CA
[71] DOZR INC., CA
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[51] **Int.Cl. H02B 1/14 (2006.01) F16B 45/00 (2006.01) F16P 1/02 (2006.01)**
[25] EN
[54] **ELECTRICAL SUBSTATION SAFETY BARRIER DEVICE AND METHOD**
[54] **DISPOSITIF DE BARRIERE DE SECURITE DE POSTE ELECTRIQUE SECONDAIRE ET METHODE**
[72] PATTERSON, JEFFREY MICHAEL, US
[72] LEWIS, JOSHUA DAVID, US
[72] HEINZ, KURT PATRICK, US
[71] PUGET SOUND ENERGY, INC., US
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[51] **Int.Cl. H02J 3/16 (2006.01)**
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[54] **RESIDENTIAL STATIC VAR COMPENSATOR APPARATUS AND METHOD**
[54] **APPAREIL DE COMPENSATEUR REACTIF VOLT-AMPERE STATIQUE RESIDENTIEL ET METHODE**
[72] AHMED-ZAID, SAID, US
[72] LATIF, MUHAMMAD KAMRAN, US
[71] BOISE STATE UNIVERSITY, US
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[54] **SECTION INSULATOR FOR AN OVERHEAD CONTACT LINE**
[54] **ISOLANT DE SECTION DESTINE A UNE LIGNE DE CONTACT AERIENNE**
[72] MICHELI, SILVANO, IT
[72] BORMETTI, CRISTIAN, IT
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[25] EN
[54] **LIPOLYTIC COMPOSITION CONTAINING PHOSPHOCHOLINE DERIVATIVES**
[54] **COMPOSITION LIPOLYTIQUE RENFERMANT DES DERIVES DE PHOSPHOCHOLINE**
[72] PARK, DONGKYU, KR
[72] LEE, SANG YUN, KR
[72] SONG, YOUNG SUB, KR
[72] KIM, SURIN, KR
[72] KIM, JOO HWAN, KR
[72] MOON, JI HYUN, KR
[72] LEE, SEUNG JUN, KR
[72] LEE, HANA, KR
[72] JI, SEUNG HO, KR
[71] PENMIX LTD., KR
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[41] 2019-05-03
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[51] **Int.Cl. E04G 13/06 (2006.01)**
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[54] **PORCH AND STEP FORMING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE FORMAGE D'UNE GALERIE ET D'UNE MARCHE**
[72] DICK, ROBERT, CA
[71] WEST END FORMING LTD., CA
[22] 2018-10-31
[41] 2019-05-02
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[25] EN
[54] **METHOD, SYSTEM, AND COMPUTER READABLE MEDIUM FOR GENERATING PULSE OXIMETRY PREDICTIVE SCORES (POPS) FOR PREDICTING ADVERSE OUTCOMES IN PRETERM INFANTS**
[54] **METHODE, SYSTEME ET SUPPORT INFORMATIQUE SERVANT A PRODUIRE DES RESULTATS PREDICTIFS D'OXYMETRIE PULSEE AFIN DE PREDIRE LES EFFETS NOCIFS CHEZ LES ENFANTS PREMATURES**
[72] FAIRCHILD, KAREN D., US
[72] LAKE, DOUGLAS E., US
[72] SULLIVAN, BRYNNE, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[25] EN
[54] **MOUNTING ELEMENT FOR MOUNTING AN ARCHITECTURAL COVERING BETWEEN OPPOSING MOUNTING SURFACES**
[54] **ELEMENT DE MONTAGE SERVANT A INSTALLER UN REVETEMENT ARCHITECTURAL ENTRE DES SURFACES D'INSTALLATION OPPOSEES**
[72] VANGBERG-BRINKMANN, KATHARINA, NL
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2018-10-31
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[54] **DETERMINING GEOMETRIES OF HYDRAULIC FRACTURES**
[54] **DETERMINATION DE LA GEOMETRIE DE FRACTURES HYDRAULIQUES**
[72] SPICER, SEAN, US
[72] COENEN, ERICA WILHELMINA CATHARINA, US
[71] REVEAL ENERGY SERVICES, INC., US
[22] 2018-10-31
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[54] **VARIETY CORN LINE HFA4510**
[54] **VARIETE DE MAIS HFA4510**
[72] KELLY, SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **TRIPHIBIAN VEHICLE**
[54] **VEHICULE TRIPHIBIEN**
[72] CHE, YANJUN Y.C., CA
[71] CHE, YANJUN Y.C., CA
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[25] EN
[54] **VARIETY CORN LINE IAF3110**
[54] **VARIETE DE MAIS IAF3110**
[72] DELZER, BRENT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **URNES DE CREMATION TAILLE PLEINE ET TAILLE SOUVENIR**
[72] REYNOLDS, KRISTINE ANN, US
[72] WESSEL, CHRISTOPHER M., US
[71] BATESVILLE SERVICES, INC., US
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[54] **VARIETY CORN LINE IFX5651**
[54] **VARIETE DE MAIS IFX5651**
[72] DELZER, BRENT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[51] **Int.Cl. H02J 7/02 (2016.01) B60S 5/00 (2006.01) H02J 13/00 (2006.01)**
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[54] **COMPACT POWER SUBSTATION FOR USE WITH ELECTRIC VEHICLE CHARGING STATIONS**
[54] **POSTE SECONDAIRE D'ALIMENTATION COMPACT DESTINE AUX POSTES DE RECHARGE DE VEHICULE ELECTRIQUE**
[72] FERRIS, LAURIE, CA
[71] POWER SYSTEMS TECHNOLOGY (EEGENCO) LTD., CA
[22] 2018-11-01
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[54] **VARIETY CORN LINE IAF4219**
[54] **VARITE DE MAIS IAF4219**
[72] DELZER, BRENT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **IRRIGATION WATER RECIRCULATION SYSTEM**
[54] **SYSTEME DE RECIRCULATION D'EAU D'IRRIGATION**
[72] MCCLAIN, KEVIN, US
[71] SOUTHSIDE LANDSCAPING CO., US
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[54] **OVEN WITH INTERNAL VOC CATALYST**
[54] **FOUR COMPORTANT UN CATALYSEUR DE COV INTERNE**
[72] ANDREAE, BRADLEY M., US
[71] SST SYSTEMS, INC., US
[22] 2018-11-02
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[51] **Int.Cl. G06N 3/08 (2006.01)**
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[54] **METHOD AND DEVICE FOR GENERATIVE ADVERSARIAL NETWORK TRAINING**
[54] **METHODE ET DISPOSITIF DE FORMATION EN RESEAU ADVERSAIRE GENERATIF**
[72] BOSE, AVISHEK, CA
[72] CAO, YANSHUAI, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **EVENT DE FAITE DE TOIT**
[72] HENNING, JERRY, US
[71] MEYER ENTERPRISES LLC, US
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[54] **UNE INSERTION DESTINEE A UN SIEGE DE SECURITE POUR ENFANT**
[72] MACIEJCZYK, WIESLAW, AU
[71] BRITAX CHILDCARE PTY LTD., AU
[22] 2018-11-02
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[54] **AIDE NUTRITIONNELLE**
[72] DIFRUSCIO, TONY, CA
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[54] **JEU D'APPARIEMENT FONDE SUR UNE MEMOIRE EXTENSIBLE**
[72] LEWANDOWSKI, KATHY, US
[71] LEWANDOWSKI, KATHY, US
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[54] **MOUNTING BRACKET WITH SUPPORT TABS**
[54] **SUPPORT DE MONTAGE COMPORTANT DES PATTES DE SUPPORT**
[72] JOHNSON, STEVEN, US
[72] KORCZ, KRZYSZTOF, US
[71] HUBBELL INCORPORATED, US
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[54] **DETECTION DE CHANGEMENT EXTERNE**
[72] SCHUNDELMEIER, RALF, US
[72] POLLINGER, THOMAS, US
[71] SALESFORCE.COM, INC., US
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[54] **BOX CONNECTOR**
[54] **CONNECTEUR DE BOITE**
[72] DAUDET, LARRY RANDALL, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[25] EN
[54] **CONTROL SYSTEMS AND THROTTLE ASSEMBLIES FOR VEHICLES HAVING HANDLEBARS**
[54] **SYSTEMES DE CONTROLE ET DISPOSITIFS D'ETRANGLEUR DESTINES A DES VEHICULES A GUIDON**
[72] HENGST, AARON, US
[71] KA GROUP AG, CH
[22] 2018-11-02
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[54] **SYSTEM AND INTERFACES FOR MANAGING WORKPLACE EVENTS**
[54] **SYSTEME ET INTERFACES DE GESTION DES EVENEMENTS SUR LES LIEUX DE TRAVAIL**
[72] MORGENTHAU, JUSTIN J., US
[72] SWEET, BENJAMIN TYSON, US
[72] MATHIAS, GREGORY, US
[71] TRIAX TECHNOLOGIES, INC., US
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[54] **PROTECTEUR ANTI-CABRAGE**
[72] RICE, PETER J., CA
[72] RABEDA, ADAM, CA
[71] RICE, PETER J., CA
[71] RABEDA, ADAM, CA
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[25] EN
[54] **METHODS OF GENERATING COMPRESSION GARMENT MEASUREMENT INFORMATION FOR A PATIENT BODY PART AND FITTING PRE-FABRICATED COMPRESSION GARMENTS THERETO**
[54] **METHODES DE PRODUCTION D'INFORMATION DE MESURE DE VETEMENT DE COMPRESSION SUR UNE PARTIE DU CORPS D'UN PARENT ET ADAPTATION DE VETEMENTS DE COMPRESSION PREFABRIQUES**
[72] WEILER, MICHAEL J., US
[72] FRANK, NATHAN DANIEL, US
[71] LYMPHATECH, INC., US
[22] 2019-02-06
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[54] **APPAREIL DE HAYON DESTINE A DES CAMIONS A BENNE ET DES REMORQUES BASCULANTES**
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[72] SCHARTNER, DARRELL, CA
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[54] **DEFINIR ET METTRE EN OEUVRE DES ASSOCIATIONS FONCTIONNELLES ENTRE DES CATEGORIES D'ELEMENT DE CONFIGURATION DANS LES RESEAUX GERES**
[72] POLINATI, CHINNA BABU, US
[72] PUVVADA, MADHAVI, US
[72] SHAH, VIRAL, US
[72] PERERA, M. KURUKULASURIYA P. RUKSHAN FELIX, US
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[54] **INFILL PANEL AND OPERABLE FENESTRATION FRAME ADJUSTMENT SYSTEM**
[54] **SYSTEME D~AJUSTEMENT DE CADRE DE FENETRE FONCTIONNEL ET DE PANNEAU INTERCALAIRE**
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[54] **DISPOSITIF DE COMMUNICATION DE BORD DE ROUTE, ET DISPOSITIF DE COMMUNICATION MONTE SUR VEHICULE**
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[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **METHODE DE CONCEPTION ROBUSTE DE FIABILITE DESTINEE A PLUSIEURS MODES DEDEFAILLANCE DE CONTENANT DE LEVAGE DE PUITS ULTRA PROFONDS**
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[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] PENG, YUXING, CN
[72] CAO, GUOHUA, CN
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[54] **SYSTEME D'ELAGAGE OU DE RECOLTE AUTOMATISE POUR FEUILLAGE A MORPHOLOGIE COMPLEXE**
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[54] **AUTO-VERIFICATION POUR EQUIPEMENT DE PROTECTION INDIVIDUELLE**
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[72] AWISZUS, STEVEN T., US
[72] LOBNER, ERIC C., US
[72] WURM, MICHAEL G., US
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[54] **SOUPAPE DE REGULATION DE FLUIDE ET COLLECTEUR**
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[72] COWAN, KEVIN, US
[72] CAIN, BRIAN, US
[72] BERRY, DAVID, US
[72] FENTRESS, JAMES, US
[72] ORENSTEIN, DAVID, US
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[72] TUCKER, BARRY, US
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[54] **METHODS AND APPARATUS FOR MAGNETIC PARTICLE ANALYSIS USING WIDE-FIELD DIAMOND MAGNETIC IMAGING**
[54] **PROCEDES ET APPAREIL D'ANALYSE DE PARTICULES MAGNETIQUES PAR IMAGERIE MAGNETIQUE A DIAMANT A GRAND CHAMP**
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[72] RANDALL, JEFFREY D., US
[72] ADAMSON, SEABRON C., US
[71] QUANTUM DIAMOND TECHNOLOGIES INC., US
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[72] CHU, GREGORY, US
[71] NANTOMICS, LLC, US
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[54] **LECTEUR DE DOSAGE A ECOULEMENT LATERAL BASE SUR LA PERCEPTION HUMAINE ET PROCEDE ASSOCIE**
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[71] IDEXX LABORATORIES, INC., US
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[54] **LIGHTHEAD IDENTIFICATION SYSTEM FOR LIGHTHEAD CONTROL**
[54] **SYSTEME D'IDENTIFICATION DE TETE D'ECLAIRAGE POUR LA COMMANDE DE LA TETE D'ECLAIRAGE**
[72] HOLLOPETER, MICHAEL, US
[72] JURKIEWICZ, DAMON, US
[72] PETRUCCI, JAMES A., US
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[54] **COMPOSITION DE SOIN BUCCAL**
[72] YUAN, SHAOTANG, US
[72] XU, GUOFENG, US
[72] DICOSIMO, ROBERT, US
[72] HAYNIE, SHARON, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **IMMUNOTHERAPIE ANTICANCEREUSE AVEC DES LYMPHOCYTES T DE RECEPTEUR D'ANTIGENE CHIMERE CD8+ HAUTEMENT ENRICHIS**
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[72] KURTOGLU, METIN, US
[71] CARTESIAN THERAPEUTICS, INC., US
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[54] **METHODES ET APPAREIL DE DETECTION DE REPONSE INSUFFISANTE A L'HYPOGLYCEMIE ET DE REACTION A CETTE DERNIERE**
[72] WU, DI, US
[72] GOTTLIEB, REBECCA K., US
[72] GROSMAN, BENYAMIN, US
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[54] **METHODES DE TRAITEMENT ET D'INHIBITION D'UNE INFECTION PAR LE VIRUS EBOLA**
[72] SMITH, HAROLD C., US
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[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET PROCEDES POUR AUGMENTER LA STABILITE DE CELLES-CI**
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[72] XU, GUOFENG, US
[72] KILPATRICK-LIVERMAN, LATONYA, US
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[54] **INTERFACE UTILISATEUR POUR PREPARER ET CONSERVER DES DONNEES POUR UNE ANALYSE ULTERIEURE**
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[71] TABLEAU SOFTWARE, INC., US
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[72] KEPPLER, JULIA, DE
[72] THEISMANN, EVA-MARIA, DE
[72] KNIPP, JORG, DE
[72] FANGMANN, DANIELA, DE
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[71] OETIKER SCHWEIZ AG, CH
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[54] **METHOD FOR DETECTING A DEFLECTION, SCANNING APPARATUS, AND USE OF A BLOCKING DEVICE FOR DETECTING A DEFLECTION**
[54] **PROCEDE DE DETECTION DE DEVIATION, APPAREIL DE BALAYAGE ET UTILISATION D'UN DISPOSITIF DE BLOCAGE POUR DETECTER UNE DEVIATION**
[72] CHEN, SHIH-CHIN, US
[72] LIU, CHANG YUAN, US
[72] HELLSTROM, AKE A., US
[71] ABB SCHWEIZ AG, CH
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[54] **MACHINE DE RECOLTE DE PLANTES SARCLEES**
[72] NIEHUES, CHRISTOPH, DE
[72] POLKING, ALFONS, DE
[71] GRIMME LANDMASCHINENFABRIK GMBH & CO. KG, DE
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[71] CMT COSTRUZIONI MECCANICHE E TECNOLOGIA SPA, IT
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[54] **MACHINE DE RECOLTE DE PLANTES SARCLEES**
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[72] POHLKING, ALFONS, DE
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[25] FR
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[54] **UN DERIVE DE LA PURINE POUR LEUR UTILISATION DANS LE TRAITEMENT OU LA PREVENTION DE MALADIES DUES A UNE MUTATION NON-SENS**
[72] REBUFFAT, SYLVIE, FR
[72] MAULAY-BAILLY, CHRISTINE, FR
[72] AMAND, SEVERINE, FR
[72] LEJEUNE, FABRICE, FR
[71] MUSEUM NATIONAL D'HISTOIRE NATURELLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **ELECTRICAL APPARATUS COMPRISING A LOCKING DEVICE FOR AN ATTACHMENT RAIL**
[54] **APPAREIL ELECTRIQUE COMPRENANT UN DISPOSITIF DE VERROUILLAGE POUR RAIL DE FIXATION**
[72] AUBERT, LAURENT, FR
[72] SOUMILLON, OLIVIER, FR
[71] MERSEN FRANCE SB SAS, FR
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[51] **Int.Cl. C09D 5/32 (2006.01) B29D 11/00 (2006.01) C09D 7/00 (2018.01) C09D 163/00 (2006.01) G02C 7/02 (2006.01) G02C 7/10 (2006.01)**
[25] EN
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[54] **COMPOSITION FONCTIONNELLE D'EPOXY PROTEGEANT LES COLORANTS CONTRE LA PHOTODEGRADATION ET REVETEMENTS DURCIS PREPARES AVEC CELLE-CI**
[72] ZHENG, HAIPENG, US
[71] ESSILOR INTERNATIONAL, FR
[85] 2019-04-15
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[72] BOER, VIKTOR MARIUS, NL
[72] ZWARTJENS, PRISCILLA, NL
[72] VAN LEEUWEN, JOHANNES GUSTAAF ERNST, NL
[71] DSM IP ASSETS B.V., NL
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[86] 2017-10-26 (PCT/EP2017/077439)
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[51] **Int.Cl. E05F 1/10 (2006.01) E05F 15/79 (2015.01) E05F 1/12 (2006.01) E05F 3/20 (2006.01)**
[25] EN
[54] **OPENING AND CLOSING SYSTEM HAVING AN EJECTION APPARATUS FOR AN ITEM OF FURNITURE AND OPERATING METHOD FOR AN OPENING AND CLOSING SYSTEM**
[54] **SYSTEME D'OUVERTURE ET DE FERMETURE COMPRENANT UN DISPOSITIF DE POUSSEE POUR UN MEUBLE ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME D'OUVERTURE ET DE FERMETURE**
[72] OESTERMANN, MARKUS, DE
[72] ERMLER, ULRICH, DE
[71] HETTICH-ONI GMBH & CO. KG, DE
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[25] EN
[54] **INJECTION DEVICE, IN PARTICULAR AUTOINJECTOR, FOR THE SIMULTANEOUS ADMINISTRATION OF SEVERAL MEDICATIONS**
[54] **DISPOSITIF D'INJECTION, EN PARTICULIER AUTOINJECTEUR, POUR L'ADMINISTRATION SIMULTANEE DE PLUSIEURS MEDICAMENTS**
[72] CSENAR, MARKUS, AT
[72] SCHWIRTZ, ANDREAS, AT
[71] PHARMA CONSULT GES.M.B.H., AT
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[54] **COMPOSITION POUVANT ETRE UTILISEE EN TANT QUE TENSIOACTIF**
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[72] ESPER, CLAUDIA, DE
[71] BASF SE, DE
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[54] **SYSTEM AND METHOD OF NEUTRON RADIATION DETECTION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE RAYON NEUTRONIQUE**
[72] IWATSCHENKO-BORHO, MICHAEL, DE
[72] LEDER, ERICH, DE
[72] PIJAHN, RALF, DE
[72] TROST, NORBERT, DE
[72] BUCHHOLD, REINHARD, DE
[71] THERMO FISHER SCIENTIFIC MESSTECHNIK GMBH, DE
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[54] **METHOD FOR CONTROLLING A WIND TURBINE**
[54] **PROCEDE DE COMMANDE D'UNE EOLIENNE**
[72] KRUSE, MARCEL, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **USE OF A SEMI-AROMATIC POLYAMIDE IN AN ALIPHATIC POLYAMIDE MIXTURE COMPRISING GLASS FIBRES WITH A CIRCULAR CROSS-SECTION FOR LIMITING WARPING**
[54] **UTILISATION D'UN POLYAMIDE SEMI-AROMATIQUE DANS UN MELANGE DE POLYAMIDE ALIPHATIQUE COMPRENANT DES FIBRES DE VERRE A SECTION CIRCULAIRE POUR LIMITER LE GAUCHISSEMENT**
[72] BRULE, BENOIT, FR
[72] BREUIL, ANTOINE, JP
[72] WANG, HAO, CN
[72] YAO, XIONG, CN
[71] ARKEMA FRANCE, FR
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[54] **USE OF GLASS FIBRES HAVING A CIRCULAR CROSS-SECTION IN A MIXTURE COMPRISING A SEMI-AROMATIC POLYAMIDE AND AN ALIPHATIC POLYAMIDE FOR IMPROVING THE MECHANICAL PROPERTIES OF THE MIXTURE**
[54] **UTILISATION DE FIBRES DE VERRE A SECTION CIRCULAIRE DANS UN MELANGE COMPRENANT UN POLYAMIDE SEMI-AROMATIQUE ET UN POLYAMIDE ALIPHATIQUE POUR AMELIORER LES PROPRIETES MECANIQUES DUDIT MELANGE**
[72] BRULE, BENOIT, FR
[72] BREUIL, ANTOINE, JP
[72] WANG, HAO, CN
[72] YAO, XIONG, CN
[71] ARKEMA FRANCE, FR
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[54] **COMBINATION OF FUEL ADDITIVES**
[54] **COMBINAISON D'ADDITIFS POUR CARBURANT**
[72] DEQUENNE, BERNARD, FR
[72] DUBOIS, THOMAS, FR
[71] TOTAL MARKETING SERVICES, FR
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[54] **SONDE MULTIFONCTIONNELLE DE TAILLE MICROMETRIQUE POUR ENREGISTREMENT OCT ET ELECTRO-PHYSIOLOGIQUE**
[72] MAK, SIU WAI JACKY, CA
[72] LI, FANGXIN, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **DISPLACEMENT PUMP AND CONTROL SYSTEM**
[54] **POMPE VOLUMETRIQUE ET SYSTEME DE COMMANDE**
[72] DAVIS, PAUL, GB
[72] JAWORSKI, MIKE, GB
[71] DAVIS, PAUL, GB
[71] JAWORSKI, MIKE, GB
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[54] **MANUFACTURING METHOD OF STEEL COMPONENT AND STEEL COMPONENT**
[54] **PROCEDE DE PRODUCTION D'ELEMENT EN ACIER, ET ELEMENT EN ACIER**
[72] OKAMOTO, RIKI, JP
[72] KOJIMA, NOBUSATO, JP
[72] HIKIDA, KAZUO, JP
[72] MAEKAWA, NORIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **PANNEAU D'ISOLATION SOUS VIDE**
[72] MACK, DANIEL, GB
[72] ROCHEFORT, MALCOLM, GB
[71] KINGSPAN HOLDINGS (IRL) LIMITED, IE
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[54] **MECANISME DE CONNEXION A TROIS DEGRES DE LIBERTE DE ROTATION, ROBOT, BRAS DE ROBOT ET MAIN DE ROBOT**
[72] KAWAGUCHI, NOBORU, JP
[72] YAMAUCHI, HIDETAKA, JP
[72] HATTORI, TOMOYA, JP
[72] HIROSE, KOJI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **UNDIFFERENTIATED STEM CELL-REMOVING AGENT, AND METHOD FOR REMOVING UNDIFFERENTIATED STEM CELLS**
[54] **AGENT D'ELIMINATION DE CELLULES SOUCHES INDIFFERENCIEES, ET PROCEDE ASSOCIE**
[72] TOHYAMA, SHUGO, JP
[72] FUKUDA, KEIICHI, JP
[72] FUJITA, JUN, JP
[72] TANOSAKI, SHO, JP
[71] KEIO UNIVERSITY, JP
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[54] **METAL JOINT**
[54] **RACCORD D'ARTICULATION**
[72] ADACHI, HIROYUKI, JP
[71] SHELTER CO., LTD., JP
[85] 2019-04-15
[86] 2017-10-17 (PCT/JP2017/037594)
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[54] **METAL REINFORCEMENT FITTING AND METHOD FOR REINFORCING WOODEN BUILDING COMPONENT**
[54] **MATERIEL DE RENFORCEMENT ET PROCEDE DE RENFORCEMENT DESTINES A UN ELEMENT DE CONSTRUCTION EN BOIS**
[72] ADACHI, HIROYUKI, JP
[71] SHELTER CO., LTD., JP
[85] 2019-04-15
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[25] EN
[54] **FEED AND PRODUCTION METHOD THEREOF**
[54] **ALIMENT POUR ANIMAUX, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KANO, YASUHIRO, JP
[72] KIKUSHIMA, SUNAO, JP
[72] SHO, SAKIKO, JP
[71] BOSKEIN NUTRITION LIMITED, CN
[85] 2019-04-15
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[54] **NOVEL RESORCINARENE-BASED AMPHIPATHIC COMPOUND AND USE THEREOF**
[54] **NOUVEAU COMPOSE AMPHIPATHIQUE A BASE DE RESORCINARENES ET SON UTILISATION**
[72] CHAE, PIL SEOK, KR
[72] HUSSAIN, HAZRAT, KR
[71] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY ERICA CAMPUS, KR
[85] 2019-04-15
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[25] EN
[54] **ANIMAL FARM SYSTEM AND METHOD OF GENERATING BARN MAP INFORMATION OF SAID ANIMAL FARM SYSTEM**
[54] **SYSTEME DE FERME D'ELEVAGE ET PROCEDE DE GENERATION D'INFORMATIONS DE CARTE D'ETABLE DUDIT SYSTEME DE FERME D'ELEVAGE**
[72] BRENNA, MAURO, NL
[72] BUIJS, MARTINUS CORNELIS JOHANNES, NL
[71] LELY PATENT N.V., NL
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[51] **Int.Cl. F16B 12/26 (2006.01)**
[25] EN
[54] **SET OF PANELS WITH A MECHANICAL LOCKING DEVICE**
[54] **ENSEMBLE DE PANNEAUX AVEC UN DISPOSITIF DE VERROUILLAGE MECANIQUE**
[72] DERELOV, PETER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2019-04-15
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[54] **CELLULOSE-BASED INSULATION AND METHODS OF MAKING THE SAME**
[54] **ISOLATION A BASE DE CELLULOSE ET SES PROCEDES DE REALISATION**
[72] STRIMLING, JONATHAN, US
[71] CLEANFIBER, LLC, US
[85] 2019-04-15
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[54] **INSTANT TICKET REDUNDANCY VIA MULTI-CHROMATIC INDICIA**
[54] **REDONDANCE DE TICKET INSTANTANE PAR L'INTERMEDIAIRE D'INDICES MULTI-CHROMATIQUES**
[72] FINNERTY, FRED W., US
[72] IRWIN, KENNETH E., JR., US
[71] HYDRA MANAGEMENT LLC, US
[85] 2019-04-15
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[51] **Int.Cl. B65C 9/18 (2006.01) B65C 9/30 (2006.01) B65C 9/42 (2006.01) B65C 11/00 (2006.01) B65H 29/54 (2006.01) B65H 75/02 (2006.01) B65H 79/00 (2006.01)**
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[54] **AUTOMATIC HIGH SPEED LABELING SYSTEM HAVING AN IMPROVED LABEL STRIPPER**
[54] **SYSTEME D'ETIQUETAGE AUTOMATIQUE A GRANDE VITESSE AYANT UN DECOLLEUR D'ETIQUETTES AMELIORE**
[72] GUADAGNINI, KEVIN, US
[72] HOWARTH, SCOTT M., US
[72] VEECK, KRIS, US
[72] GRAHAM, JUSTIN, US
[72] GILBERT, TODD, US
[71] SINCLAIR SYSTEMS INTERNATIONAL, LLC, US
[85] 2019-04-15
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[54] **REGULATION DE L'ECOULEMENT DANS DES PUITS SOUTERRAINS**
[72] WATSON, BROCK W., US
[72] FUNKHOUSER, GARY P., US
[72] SCHULTZ, ROGER L., US
[72] FERGUSON, ANDREW M., US
[71] THRU TUBING SOLUTIONS, INC., US
[85] 2019-04-15
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[54] **LASER INDUCED SEALING OF CONCENTRICALLY LAYERED MATERIALS**
[54] **ETANCHEITE OBTENUE PAR LASER DE MATERIAUX EN COUCHES CONCENTRIQUES**
[72] COULSON, WILLIAM A., US
[72] COULSON, MARCIA, US
[72] CICCONE, PAUL, US
[71] WILMARC HOLDINGS, LLC, US
[85] 2019-04-15
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[25] EN
[54] **METHOD AND MECHANISM FOR CONTROLLING GRAVITATIONAL DISCHARGE OF MATERIAL FROM A RAILROAD HOPPER CAR**
[54] **PROCEDE ET MECANISME DE COMMANDE DE DECHARGE GRAVITATIONNELLE DE MATERIAU D'UN WAGON-TREMIE DE CHEMIN DE FER**
[72] WATSON, RICHARD A., US
[72] GAYDOS, CHRISTOPHER C., US
[72] WENZEL, ERIC F., US
[71] MINER ENTERPRISES, INC., US
[71] POWERBRACE CORPORATION, US
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[54] **CONTROL OF PROPPANT REDISTRIBUTION DURING FRACTURING**
[54] **COMMANDE DE REDISTRIBUTION D'AGENT DE SOUTENEMENT PENDANT LA FRACTURATION**
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[72] POPA, FLORENTINA, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **APPARATUS AND METHODS FOR LAUNCHING GUIDED WAVES VIA AN ANTENNA**
[54] **APPAREIL ET PROCEDES D'EXCITATION D'ONDES GUIDEES PAR L'INTERMEDIAIRE D'UNE ANTENNE**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
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[54] **PET FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JEWELL, DENNIS EDWARD, US
[72] BROCKMAN, JEFFREY, US
[72] SCHERL, DALE, US
[72] DAVIDSON, STEPHEN, US
[72] GOLDER, CHRISTINA, US
[72] AVILA, ALBERT, US
[71] HILL'S PET NUTRITION, INC., US
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[25] EN
[54] **PHARMACEUTICAL PACKS COMPRISING HOLOGRAPHIC LIDDING MATERIAL, AND METHOD OF MAKING THE SAME**
[54] **EMBALLAGES PHARMACEUTIQUES COMPRENANT UN MATERIAU D'OPERCULAGE HOLOGRAPHIQUE, ET LEUR PROCEDE DE FABRICATION**
[72] DEVENS, CLAUDE SCOTT, US
[71] HOLOGRAPHYX INC., US
[85] 2019-04-15
[86] 2017-10-24 (PCT/US2017/058110)
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[54] **PHENOTHIAZINE DERIVATIVES AND METHODS OF USE THEREOF**
[54] **DERIVES DE PHENOTHIAZINE ET METHODES D'UTILISATION ASSOCIEES**
[72] CHENG, HAIYUNG, US
[72] LIN, CHI-FENG, US
[72] SHIH, JHEN-HUA, US
[72] WU, ALEXANDER C. H., US
[71] ENROCK PHARMACEUTICAL TECHNOLOGIES (HEBEI) LIMITED, CN
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[51] **Int.Cl. H01R 13/627 (2006.01)**
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[54] **ELECTRICAL CONNECTOR WITH PLUG LATCHING ASSEMBLY**
[54] **CONNECTEUR ELECTRIQUE AYANT UN ENSEMBLE VERROU DE FICHE**
[72] DIETZ, WILLIAM HENRY, US
[72] SCANZILLO, THOMAS LOUIS, US
[72] CONDO, MARK ANDREW (DECEASED), US
[71] HUBBELL INCORPORATED, US
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[54] **A LIGHT DETECTION AND RANGING (LIDAR) DEVICE HAVING MULTIPLE RECEIVERS**
[54] **DISPOSITIF DE DETECTION ET DE TELEMETRIE PAR ONDES LUMINEUSES (LIDAR) COMPORTANT DE MULTIPLES RECEPTEURS**
[72] DROZ, PIERRE-YVES, US
[72] ONAL, CANER, US
[72] MCCANN, WILLIAM, US
[72] FIDRIC, BERNARD, US
[72] GUTNIK, VADIM, US
[72] MATTOS, LAILA, US
[72] PARDHAN, RAHIM, US
[71] WAYMO LLC, US
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[51] **Int.Cl. C12N 5/079 (2010.01) C12N 5/0793 (2010.01) C12N 5/0797 (2010.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATING DISEASES AND DISORDERS OF THE CENTRAL NERVOUS SYSTEM**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE MALADIES OU DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] BIFFI, ALESSANDRA, US
[72] PEVIANI, MARCO, US
[72] MOSCATELLI, DAVIDE, IT
[72] CAPOTONDO, ALESSIA, IT
[72] MILAZZO, RITA, IT
[72] CAPASSO PALMIERO, UMBERTO, IT
[71] CHILDRENS' MEDICAL CENTER CORPORATION, US
[71] OSPEDALE SAN RAFFAELE SRL, IT
[71] POLITECNICO DI MILANO, IT
[71] FONDAZIONE TELETHON, IT
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[54] **NONIONIC SURFACTANT COMPOSITIONS FOR ENHANCED OIL RECOVERY BY CARBON DIOXIDE FLOODING**
[54] **COMPOSITIONS TENSIOACTIVES NON IONIQUES POUR RECUPERATION AMELIOREE D'HUILE PAR INJECTION DE DIOXYDE DE CARBONE**
[72] GRZESIAK, ADAM L., US
[72] CAMPBELL, ROBERT M., US
[72] CROSTHWAITE, JACOB M., US
[72] KATIYAR, AMIT, US
[72] KNIGHT, TROY E., US
[72] PATIL, PRAMOD D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **ULTRASONIC DENTAL HANDPIECE WITH ROTARY COUPLING**
[54] **PIECE A MAIN DENTAIRE A ULTRASONS A COUPLAGE ROTATIF**
[72] GUARAGNO, KENNETH R., US
[71] DENTSPLY SIRONA INC., US
[85] 2019-04-15
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[54] **DIAGNOSTIC DRAINAGE CATHETER ASSEMBLY & METHODS**
[54] **METHODES ET ENSEMBLE CATHETER DE DRAINAGE DE DIAGNOSTIC**
[72] BRODY, LEE, US
[71] SRS MEDICAL SYSTEMS, LLC, US
[85] 2019-04-15
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[54] **APPARATUS AND METHODS FOR LAUNCHING GUIDED WAVES VIA CIRCUITS**
[54] **APPAREIL ET PROCEDES DE LANCEMENT D'ONDES GUIDEES PAR L'INTERMEDIAIRE DE CIRCUITS**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
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[54] **TREATMENT OF HYDROGEN SULFIDE GAS UNDER AEROBIC CONDITIONS**
[54] **TRAITEMENT DE SULFURE D'HYDROGENE GAZEUX DANS DES CONDITIONS AEROBIES**
[72] COX, HENRY WILMORE, JR., US
[71] BIOSYSTEMS CONSULTING, INC. DBA ADVANCED OXIDATION TECHNOLOGY, US
[85] 2019-04-15
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[54] **MULTILAYER STRETCH HOOD COMPOSITIONS AND STRUCTURES**
[54] **COMPOSITIONS ET STRUCTURES DE CAPOT ETIRABLE MULTICOUCHE**
[72] PARKINSON, SHAUN, ES
[72] NIETO, JESUS, ES
[72] PATEL, RAJEN M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-04-15
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR MONITORING OBJECTS IN A CART**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE SURVEILLANCE D'OBJETS DANS UN CHARIOT**
[72] JONES, MATTHEW ALLEN, US
[72] VASGAARD, AARON JAMES, US
[72] JONES, NICHOLAUS ADAM, US
[72] TAYLOR, ROBERT JAMES, US
[71] WALMART APOLLO, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MEDICAL DIAGNOSIS AND BIOMARKER IDENTIFICATION USING PHYSIOLOGICAL SENSORS AND MACHINE LEARNING**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC MEDICAL ET D'IDENTIFICATION DE BIOMARQUEURS A L'AIDE DE CAPTEURS PHYSIOLOGIQUES ET D'APPRENTISSAGE MACHINE**
[72] STEVENS, JEFFREY, US
[72] CAFFEY, SEAN, US
[72] JUMBE, NELSON L., US
[72] URAZAKI, ANDREW, US
[71] CONTEXT AI, LLC, US
[85] 2019-04-15
[86] 2017-10-17 (PCT/US2017/056984)
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[51] **Int.Cl. G06Q 30/00 (2012.01)**
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[54] **BUILDING PRODUCT DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE DE PRODUITS DE BATIMENTS**
[72] STATON, FIELDING B., US
[72] STRUMPF, DAVID, US
[71] NEWTONOID TECHNOLOGIES, L.L.C., US
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[51] **Int.Cl. A47J 41/00 (2006.01)**
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[54] **CONTAINER AND METHOD OF FORMING A CONTAINER**
[54] **CONTENANT ET PROCEDE DE FORMATION DE CONTENANT**
[72] TOLMAN, JOHN ALAN, US
[72] NICHOLS, STEVE CHARLES, US
[72] ABANTE, EDWARD, US
[71] YETI COOLERS, LLC, US
[85] 2019-04-15
[86] 2017-10-17 (PCT/US2017/057010)
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[51] **Int.Cl. A23L 33/115 (2016.01) A23L 33/18 (2016.01) A23L 33/185 (2016.01) A23L 33/19 (2016.01)**
[25] EN
[54] **METHOD FOR PREPARING HIGH SOLUBILITY PEA PROTEIN COMPOSITION AND PRODUCT PREPARED USING THE SAME**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE PROTEINES DE POIS A HAUTE SOLUBILITE ET PRODUIT EN L'UTILISANT**
[72] ZHANG, YIFANG, CN
[71] CARGILL, INCORPORATED, US
[85] 2019-04-15
[86] 2017-10-18 (PCT/US2017/057102)
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[54] **INFLATION MANIFOLD**
[54] **RAMPE DE GONFLAGE**
[72] MUSGRAVE, TIM, US
[72] HENNIG, MARK KEVIN, US
[72] ROBERTSON, CHARLES BLANTON, US
[72] SNIDER, JAMES RAYMOND, US
[72] GRAVELL, JONATHAN, US
[71] EQUALAIRE SYSTEMS, INC., US
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[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/06 (2006.01) A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **MULTI-PHASE ORAL COMPOSITION FOR DELIVERING ORAL CARE ACTIVE AGENTS**
[54] **COMPOSITION ORALE A PHASES MULTIPLES POUR ADMINISTRER DES AGENTS ACTIFS DE SOINS BUCCO-DENTAIRES**
[72] RAJAIAH, JAYANTH, US
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-04-15
[86] 2017-10-23 (PCT/US2017/057877)
[87] (WO2018/080998)
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[30] US (62/413,189) 2016-10-26
[30] US (62/413,222) 2016-10-26
[30] US (62/413,229) 2016-10-26
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[51] **Int.Cl. C21D 6/00 (2006.01) C21D 8/04 (2006.01) C21D 8/12 (2006.01) C22C 38/10 (2006.01) C22C 38/12 (2006.01) H01F 1/147 (2006.01) H01F 1/16 (2006.01) H01F 3/02 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **REDUCING ORDERED GROWTH IN SOFT-MAGNETIC FE-CO ALLOYS**
[54] **REDUCTION DE LA CROISSANCE ORDONNEE DANS DES ALLIAGES FE-CO A AIMANTATION TEMPORAIRE**
[72] FITTERLING, ERIC M., US
[71] CRS HOLDINGS, INC., US
[85] 2019-04-15
[86] 2017-10-20 (PCT/US2017/057576)
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[30] US (62/410,926) 2016-10-21

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[51] **Int.Cl. G01R 31/04 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTING LIFE CYCLE OF A SPLICE**
[54] **PROCEDE ET APPAREIL POUR PREDIRE LE CYCLE DE VIE D'UNE EPISSURE**
[72] HIRSH, DOUGLAS S., US
[72] MUEHLEMANN, MICHAEL, US
[71] SMARTKABLE, LLC, US
[85] 2019-04-15
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[51] **Int.Cl. A61B 34/20 (2016.01)**
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[54] **SYSTEM AND METHOD FOR IDENTIFYING A LOCATION AND/OR AN ORIENTATION OF AN ELECTROMAGNETIC SENSOR BASED ON A MAP**
[54] **SYSTEME ET PROCEDE POUR IDENTIFIER L'EMPLACEMENT ET/OU L'ORIENTATION D'UN CAPTEUR ELECTROMAGNETIQUE SUR LA BASE D'UNE CARTE**
[72] KOYRAKH, LEV A., US
[72] MORGAN, SEAN M., US
[71] COVIDIEN LP, US
[85] 2019-04-15
[86] 2017-10-26 (PCT/US2017/058421)
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[54] **COUPLING NUT**
[54] **ECROU D'ACCOUPLEMENT**
[72] PENDEN, KARL FREDRIK, US
[71] CARRIER CORPORATION, US
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[54] **CABLE GLANDS**
[54] **PRESSE-ETOUPES**
[72] MAASS, WILLIAM M., US
[72] MINSKI, CHRISTOPHER J., US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. B66F 7/06 (2006.01) B66F 7/00 (2006.01) E04H 6/06 (2006.01) E04H 6/12 (2006.01)**
[25] EN
[54] **SCISSOR-LIFT FOR VEHICLES**
[54] **ELEVATEUR A CISEAUX POUR VEHICULES**
[72] KRITZER, JEFFREY S., US
[72] HENTHORN, DONALD R., US
[71] BENDPAK, INC., US
[85] 2019-04-15
[86] 2017-10-27 (PCT/US2017/058678)
[87] (WO2018/081509)
[30] US (62/413,779) 2016-10-27
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[51] **Int.Cl. C07D 495/04 (2006.01)**
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[54] **COMBINATION THERAPY WITH A PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY**
[54] **POLYTHERAPIE AVEC UN INHIBITEUR DE PHOSPHOINOSITIDE 3-KINASE AVEC UNE FRACTION DE LIAISON AU ZINC**
[72] FATTAEY, ALI, US
[72] RHYASEN, GARRETT W., US
[71] CURIS, INC., US
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[51] **Int.Cl. C12N 15/113 (2010.01) A01N 57/16 (2006.01) A01P 3/00 (2006.01)**
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[54] **CYTOCHROME B (CYTB) NUCLEIC ACID MOLECULES THAT CONTROL PATHOGENS**
[54] **MOLECULES D'ACIDE NUCLEIQUE DE CYTOCHROME B (CYTB) QUI REGULENT DES PATHOGENES**
[72] DELGADO, JAVIER A., US
[72] LIRA, JUSTIN M., US
[72] GENG, CHAOXIAN, US
[72] FREY, MEGHAN L., US
[71] DOW AGROSCIENCES LLC, US
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[51] **Int.Cl. A23K 10/30 (2016.01) A23K 20/00 (2016.01) A23K 50/00 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2019-04-15
[86] 2017-11-30 (PCT/US2017/063822)
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[13] A1
[51] **Int.Cl. H04L 1/18 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **WIRELESS TRANSMISSION TIMING BASED ON TIMING ADVANCE VALUES IN SHORTENED TRANSMISSION TIME INTERVAL TRANSMISSIONS**
[54] **SYNCHRONISATION DE TRANSMISSION SANS FIL BASEE SUR DES VALEURS D'AVANCE TEMPORELLE DANS DES TRANSMISSIONS D'INTERVALLE DE TEMPS DE TRANSMISSION RACCOURCIS**
[72] HOSSEINI, SEYEDKIANOUSH, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-04-15
[86] 2017-12-06 (PCT/US2017/064907)
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[30] US (62/430,880) 2016-12-06
[30] US (15/832,392) 2017-12-05

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[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/37 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCAUX**
[72] YUAN, SHAOTANG, US
[72] XU, GUOFENG, US
[72] DICOSIMO, ROBERT, US
[72] HAYNIE, SHARON, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. C08B 15/04 (2006.01) D21H 11/04 (2006.01)**
[25] EN
[54] **MODIFIED CELLULOSE FROM CHEMICAL FIBER AND METHODS OF MAKING AND USING THE SAME**
[54] **CELLULOSE MODIFIEE A BASE DE FIBRES CHIMIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION DE LADITE CELLULOSE MODIFIEE**
[72] NONNI, ARTHUR J., US
[72] COURCHENE, CHARLES E., US
[71] GP CELLULOSE GMBH, CH
[85] 2019-04-15
[86] 2017-11-13 (PCT/US2017/061224)
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[30] US (62/422,612) 2016-11-16

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[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/02 (2006.01) B01D 69/14 (2006.01) B01D 71/02 (2006.01) B01D 71/26 (2006.01)**
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[54] **METHODS FOR TREATING FILLED MICROPOROUS MEMBRANES**
[54] **PROCEDES DE TRAITEMENT DE MEMBRANES MICROPOREUSES REMPLIES**
[72] GUO, QUNHUI, US
[72] PETERS, JAMES C., US
[72] PARRINELLO, LUCIANO M., US
[72] ANDERSON, LINDA K., US
[71] PPG INDUSTRIES OHIO, INC., US
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[86] 2017-11-13 (PCT/US2017/061248)
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[54] **CONTROLLER FOR IMAGING APPARATUS**
[54] **DISPOSITIF DE COMMANDE POUR APPAREIL D'IMAGERIE**
[72] HISATA, SUZUKO, US
[72] BERKO, MALLORY ANNE, US
[72] GIRGENTI, JONATHAN PAUL, US
[72] WELLS, TIMOTHY, US
[71] HOLOGIC, INC., US
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[86] 2017-11-22 (PCT/US2017/063069)
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[30] US (62/426,349) 2016-11-25

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[25] EN
[54] **PET FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE**
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS, US
[71] HILL'S PET NUTRITION, INC., US
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[86] 2017-11-30 (PCT/US2017/063820)
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[51] **Int.Cl. A61K 8/365 (2006.01) A61K 8/37 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITION DE SOIN BUCCAL**
[72] YUAN, SHAOTANG, US
[72] XU, GUOFENG, US
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[72] HAYNIE, SHARON, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **ORAL CARE COMPOSITIONS AND METHODS FOR WHITENING TEETH**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET PROCEDES DE BLANCHIMENT DES DENTS**
[72] YUAN, SHAOTANG, US
[72] XU, GUOFENG, US
[72] GRONLUND, JENNIFER, US
[72] DICOSIMO, ROBERT, US
[72] HAYNIE, SHARON, US
[72] PAYNE, MARK S., US
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. C07C 17/383 (2006.01)**
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[54] **PROCESSES AND SYSTEMS FOR RECOVERING R1233ZD IN PURIFIED FORM**
[54] **PROCEDES ET SYSTEMES DE RECUPERATION DE R1233ZD SOUS FORME PURIFIEE**
[72] MILLER, JAY F., US
[72] WISMER, JOHN A. (DECEASED), ZZ
[71] ARKEMA INC., US
[85] 2019-04-15
[86] 2017-12-14 (PCT/US2017/066336)
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[30] US (62/437,109) 2016-12-21

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[51] **Int.Cl. A23K 10/30 (2016.01) A23K 20/163 (2016.01) A23K 50/40 (2016.01)**
[25] EN
[54] **PET FOOD COMPOSITIONS AND METHODS FOR THE SAME**
[54] **COMPOSITIONS D'ALIMENTS POUR ANIMAUX DE COMPAGNIE ET PROCEDES CORRESPONDANTS**
[72] GEBRESALASSIE, EDEN EPHRAIM, US
[72] JACKSON, MATTHEW, US
[72] JEWELL, DENNIS, US
[71] HILL'S PET NUTRITION, INC., US
[85] 2019-04-15
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[30] US (62/439,214) 2016-12-27

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[25] EN
[54] **HALF-MOON LIFTING DEVICE**
[54] **DISPOSITIF DE LEVAGE EN DEMI-LUNE**
[72] REEDY, MAX, US
[71] FLEXSTEEL PIPELINE TECHNOLOGIES, INC., US
[85] 2018-12-21
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[54] **GLAZE FOR A CERAMIC ARTICLE**
[54] **GLACURE POUR ARTICLE EN CERAMIQUE**
[72] RUOKANEN, MARKKU, CH
[72] HOFFMANN, JURGEN, DE
[71] PPC INSULATORS AUSTRIA GMBH, AT
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[54] **A HYDROKINETIC POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE HYDROCINETIQUE**
[72] CAMILLERI, PAUL ANTHONY, AU
[71] KINETIC NRG TECHNOLOGIES PTY LTD, AU
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[54] **PART COMPRISING A NICKEL-BASED MONOCRYSTALLINE SUPERALLOY SUBSTRATE AND METHOD FOR MANUFACTURING SAME**
[54] **PIECE COMPRENANT UN SUBSTRAT EN SUPERALLIAGE MONOCRISTALLIN A BASE DE NICKEL ET SON PROCEDE DE FABRICATION**
[72] SABOUNDJI, AMAR, FR
[72] JAQUET, VIRGINIE, FR
[72] RAME, JEREMY, FR
[71] SAFRAN, FR
[85] 2019-04-16
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[25] EN
[54] **IMPROVED BUILDING MODEL WITH VIRTUAL CAPTURE OF AS BUILT FEATURES AND OBJECTIVE PERFORMANCE TRACKING**
[54] **MODELE DE CONSTRUCTION AMELIORE A CAPTURE VIRTUELLE DE CARACTERISTIQUES TELLES QUE CONSTRUITES ET SUIVI DE PERFORMANCE D'OBJECTIF**
[72] SANTARONE, MICHAEL, US
[72] DUFF, JASON, US
[71] STELLAR VDC RESIDENTIAL, LLC, US
[85] 2019-04-15
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[54] **IMPROVED FOOD-GRADE ETHANOL**
[54] **ETHANOL ALIMENTAIRE AMELIORE**
[72] PROBST, LAURENT, FR
[71] PROBST, LAURENT, CA
[85] 2019-04-16
[86] 2017-10-23 (PCT/FR2017/052914)
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[54] **REPLACEABLE ELEMENT ROLLER BEARING ASSEMBLY**
[54] **ENSEMBLE ROULEMENT A ROULEAUX A ELEMENT REMPLACABLE**
[72] LINDBLADE, STEPHEN P., US
[72] FONTENOT, WILLIAM LOUIS, US
[71] SOFEC, INC., US
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[54] **CONNECTED PLASTIC/TEXTILE SHEET**
[54] **FEUILLE TEXTILE/PLASTIQUE CONNECTEE**
[72] BOUCHARD, JONAS, FR
[72] BLONDEAU, FRANCOIS, FR
[72] KASMER, MEHMET, FR
[71] SAINT-GOBAIN ADFORS, FR
[85] 2019-04-16
[86] 2017-10-24 (PCT/FR2017/052923)
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[54] **SYSTEMS AND METHODS FOR PROVIDING TAILORED EDUCATIONAL MATERIALS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DU MATERIEL EDUCATIF PERSONNALISE**
[72] SINGH, TUSHAR, CA
[71] MINUTE SCHOOL INC., CA
[85] 2019-04-16
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[54] **COORDINATOR MANAGED PAYMENTS**
[54] **PAIEMENTS GERES PAR UN COORDINATEUR**
[72] GRENADER, ANDREI, IL
[72] LEIFMAN, YEFIM, IL
[71] SECURTER SYSTEMS INC., CA
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[86] 2016-11-07 (PCT/CA2016/051294)
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[54] **NOVEL COMPOSITIONS THAT ACT ON ADIPOCYTES**
[54] **NOUVELLES COMPOSITIONS ACTIVES SUR LES ADIPOCYTES**
[72] BERTAINA, FREDERIC, FR
[72] GUERRY, ALEXANDRE, FR
[71] BIOXIS PHARMACEUTICALS, FR
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[25] EN
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[54] **COUVERCLE ELECTRIFIE DE CONTENEUR A ORDURES**
[72] MILLER, SANDRA EVE, CA
[71] MILLER, SANDRA EVE, CA
[85] 2019-04-16
[86] 2017-10-19 (PCT/CA2017/051242)
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[30] US (62/410,478) 2016-10-20

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[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/0735 (2010.01)**
[25] FR
[54] **CELLULAR MICROCOMPARTMENT AND PREPARATION METHODS**
[54] **MICROCOMPARTIMENT CELLULAIRE ET PROCEDES DE PREPARATION**
[72] FEYEUX, MAXIME, FR
[72] ALESSANDRI, KEVIN, FR
[72] NASSOY, PIERRE, FR
[72] COGNET, LAURENT, FR
[72] RECHER, GAELLE, FR
[72] BEZARD, ERWAN, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT D'OPTIQUE GRADUATE SCHOOL, FR
[85] 2019-04-16
[86] 2017-11-23 (PCT/FR2017/053225)
[87] (WO2018/096277)
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[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/02 (2018.01) H04W 4/33 (2018.01) E05B 47/00 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION OF INFORMATION FROM ACCESS CONTROL DEVICE TO MOBILE COMMUNICATIONS DEVICE**
[54] **COMMUNICATION SANS FIL D'INFORMATIONS D'UN DISPOSITIF DE COMMANDE D'ACCES A UN DISPOSITIF DE COMMUNICATION MOBILE**
[72] HU, JONATHAN, CA
[71] AVIGILON CORPORATION, CA
[85] 2019-04-16
[86] 2017-10-30 (PCT/CA2017/051288)
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[30] US (15/348,715) 2016-11-10

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[51] **Int.Cl. C07D 233/86 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **A METHOD FOR THE PREPARATION OF DEUTERATED IMIDAZOLE DIKETONE COMPOUNDS**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE D'IMIDAZOLE DICETONE DEUTERE**
[72] CHEN, YUANWEI, CN
[72] DU, WU, CN
[72] KUANG, TONGTAO, CN
[72] GENG, XI, CN
[71] HINOVA PHARMACEUTICALS INC., CN
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[86] 2016-12-20 (PCT/CN2016/110978)
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[51] **Int.Cl. F04D 7/04 (2006.01) B02C 18/00 (2006.01) B02C 18/18 (2006.01) F04D 29/20 (2006.01) F04D 29/22 (2006.01) F04D 29/62 (2006.01) F04D 29/70 (2006.01)**
[25] EN
[54] **A METHOD FOR PROVIDING AN AXIAL GAP IN A CUTTER ASSEMBLY OF A GRINDER PUMP, AND A GRINDER PUMP COMPRISING A SHIM CONFIGURED FOR PROVIDING SAID AXIAL GAP**
[54] **PROCEDE DE FOURNITURE D'UN ESPACE AXIAL DANS UN ENSEMBLE DE COUPE D'UNE POMPE BROYEUSE, ET POMPE BROYEUSE COMPORTANT UNE CALE CONCUE POUR FOURNIR LEDIT ESPACE AXIAL**
[72] BACKE, JAN, SE
[71] XYLEM EUROPE GMBH, CH
[85] 2019-04-16
[86] 2017-10-16 (PCT/EP2017/076267)
[87] (WO2018/073137)
[30] EP (16194137.2) 2016-10-17

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[51] **Int.Cl. B60S 3/04 (2006.01) B08B 3/04 (2006.01)**
[25] EN
[54] **A WHEEL CLEANING DEVICE AND A METHOD FOR CLEANING WHEELS**
[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE DE ROUES**
[72] LINGESKOG, FREDRIK, SE
[71] LINGESKOG, FREDRIK, SE
[85] 2019-04-16
[86] 2016-10-26 (PCT/EP2016/075746)
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[25] EN
[54] **QUINOLYL-SUBSTITUTED CARBOXYLIC ACID COMPOUND OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PHARMACEUTICAL COMPOSITION OF THE SAME, AND USE OF THE SAME**
[54] **COMPOSE D'ACIDE CARBOXYLIQUE A SUBSTITUTION QUINOLINYLE OU SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI, COMPOSITION PHARMACEUTIQUE ET UTILISATION ASSOCIEES**
[72] ZHANG, ZHIQIANG, CN
[72] WANG, XIJUAN, CN
[72] ZHANG, XUEHUI, CN
[72] QIU, JUNXIA, CN
[72] YANG, JIEHE, CN
[72] ZHANG, XIAOKAI, CN
[72] YAO, PENG, CN
[71] BEIJING KONRUNS PHARMACEUTICAL CO., LTD., CN
[85] 2019-04-16
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[51] **Int.Cl. H01B 3/04 (2006.01)**
[25] EN
[54] **ELECTRICAL INSULATION SYSTEM BASED ON EPOXY RESINS FOR GENERATORS AND MOTORS**
[54] **SYSTEME D'ISOLATION ELECTRIQUE A BASE DE RESINES EPOXY POUR GENERATEURS ET MOTEURS**
[72] BEISELE, CHRISTIAN, DE
[72] BAER, DANIEL, CH
[72] STECHER, HARALD, DK
[72] BRASCH, MELANIE, AT
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
[71] ISOVOLTA AG, AT
[85] 2019-04-16
[86] 2017-10-20 (PCT/EP2017/076838)
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[51] **Int.Cl. H01M 6/52 (2006.01) C22B 7/00 (2006.01) C22B 15/00 (2006.01) C22B 21/00 (2006.01) H01M 10/54 (2006.01)**
[25] EN
[54] **RECYCLING METHOD FOR THE TREATMENT OF USED BATTERIES, IN PARTICULAR RECHARGEABLE BATTERIES, AND BATTERY PROCESSING INSTALLATION**
[54] **PROCEDE DE RECYCLAGE POUR LE TRAITEMENT DE BATTERIES USAGEES, EN PARTICULIER DE BATTERIES RECHARGEABLES, ET INSTALLATION DE TRANSFORMATION DE BATTERIES**
[72] HANISCH, CHRISTIAN, DE
[71] DUESENFELD GMBH, DE
[85] 2019-04-16
[86] 2017-10-12 (PCT/EP2017/076113)
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[54] **POLYMYXIN-ALGINATE OLIGOMER CONJUGATES**
[54] **CONJUGUES OLIGOMERE D'ALGINATE-POLYMYXINE**
[72] FERGUSON, ELAINE, GB
[72] THOMAS, DAVID WILLIAM, GB
[72] DESSEN, ARNE, NO
[72] RYE, PHILIP, NO
[71] ALGIPHARMA AS, NO
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[30] GB (1617860.0) 2016-10-21
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[25] EN
[54] **BACITRACIN-ALGINATE OLIGOMER CONJUGATES**
[54] **CONJUGUES OLIGOMERE D'ALGINATE-BACITRACINE**
[72] FERGUSON, ELAINE, GB
[72] THOMAS, DAVID WILLIAM, GB
[72] DESSEN, ARNE, NO
[72] RYE, PHILIP, NO
[71] ALGIPHARMA AS, NO
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[86] 2017-10-20 (PCT/EP2017/076926)
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[30] GB (1617862.6) 2016-10-21

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[25] EN
[54] **RADOME WALL FOR COMMUNICATION APPLICATIONS**
[54] **PAROI DE RADOME POUR DES APPLICATIONS DE COMMUNICATION**
[72] ADUGNA, TOBIAS, DE
[72] STROTMANN, ARNO, DE
[71] LUFTHANSA TECHNIK AG, DE
[85] 2019-04-16
[86] 2017-10-24 (PCT/EP2017/077050)
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[30] DE (10 2016 221 143.9) 2016-10-27

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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO NETWORK COMMUNICATIONS**
[54] **AMELIORATIONS CONCERNANT LA COMMUNICATION EN RESEAU ET APPORTEES A CELLE-CI**
[72] SPENCER, CHRISTOPHER ALAN, GB
[71] GLOBAL REACH TECHNOLOGY, INC., US
[85] 2019-04-16
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[87] (WO2018/073571)
[30] GB (1617586.1) 2016-10-17

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[51] **Int.Cl. B01D 19/04 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **NEW ANTIFOAM FORMULATIONS FOR THE THERMAL DESALINATION PROCESS OF WATER**
[54] **NOUVELLES FORMULATIONS ANTI-MOUSSE POUR LE PROCESSUS DE DESSALEMENT THERMIQUE DE L'EAU**
[72] NIED, STEPHAN, DE
[72] KONDARDI, HELENA, DE
[72] WINZEN, LISA MARIE, DE
[71] SOLENIS TECHNOLOGIES CAYMAN, L.P., KY
[85] 2019-04-10
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[51] **Int.Cl. B60R 11/02 (2006.01) B60R 1/00 (2006.01) F16M 11/04 (2006.01)**
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[54] **MONITOR OF A CAMERA-MONITOR SYSTEM**
[54] **MONITEUR D'UN SYSTEME CAMERA-MONITEUR**
[72] SAUTTER, SILJA, DE
[72] MIETHIG, WERNER, DE
[72] NINGARAJU, RAJESH, IN
[72] HUGLE, AXEL, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
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[86] 2017-10-24 (PCT/EP2017/077103)
[87] (WO2018/082965)
[30] DE (10 2016 221 434.9) 2016-11-01

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[13] A1
[51] **Int.Cl. G01M 13/02 (2019.01) G01N 3/20 (2006.01)**
[25] FR
[54] **APPARATUS FOR TESTING A SHAFT AND/OR A MECHANICAL PART MOUNTED ON THE SHAFT AND USE OF SUCH AN APPARATUS**
[54] **APPAREIL POUR TESTER UN ARBRE ET/OU UNE PIECE MECANIQUE MONTEE SUR L'ARBRE ET UTILISATION D'UN TEL APPAREIL**
[72] BRUNEL, FLORENT, FR
[72] DUFRENOY, PHILIPPE, FR
[72] DEMILLY, FRANCOIS, FR
[71] MG-VALDUNES, FR
[71] UNIVERSITE DE LILLE, FR
[85] 2019-04-16
[86] 2017-10-23 (PCT/EP2017/077000)
[87] (WO2018/073451)
[30] FR (16 60234) 2016-10-21

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[51] **Int.Cl. C07K 14/57 (2006.01) A61K 38/21 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **TARGETED MUTANT INTERFERON-GAMMA AND USES THEREOF**
[54] **INTERFERON GAMMA MUTANT CIBLE ET PROCEDES D'UTILISATION ASSOCIES**
[72] KLEY, NIKOLAI, BE
[72] TAVERNIER, JAN, BE
[72] PEELMAN, FRANK, BE
[72] ZABEAU, LENNART, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2019-04-16
[86] 2017-10-24 (PCT/EP2017/077193)
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[54] **INHIBITEUR DE L'ALDOSTERONE SYNTHASE**
[72] SCHUMACHER, CHRISTOPH, CH
[72] FUHRER, WALTER, CH
[72] STEELE, RONALD EDWARD, US
[71] DAMIAN PHARMA AG, CH
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[54] **PORTAL AGGREGATION SERVICE MAPPING SUBSCRIBER DEVICE IDENTIFIERS TO PORTAL ADDRESSES TO WHICH CONNECTION AND AUTHENTICATION REQUESTS ARE REDIRECTED AND FACILITATING MASS SUBSCRIBER APPARATUS CONFIGURATION**
[54] **SERVICE D'AGREGATION DE PORTAIL METTANT EN CORRESPONDANCE DES IDENTIFIANTS DE DISPOSITIF D'ABONNE AVEC DES ADRESSES DE PORTAIL AUXQUELLES DES REQUETES DE CONNEXION ET D'AUTHENTIFICATION SONT REDIRIGEES ET FACILITANT LA CONFIGURATION DE MASSE D'APPAREILS D'ABONNES**
[72] SPENCER, CHRISTOPHER ALAN, GB
[71] GLOBAL REACH TECHNOLOGY LIMITED, GB
[85] 2019-04-16
[86] 2017-10-16 (PCT/GB2017/053130)
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[54] **PIPERIDINE DERIVATIVES AS INHIBITORS OF UBIQUITIN SPECIFIC PROTEASE 7**
[54] **DERIVES DE PIPERIDINE UTILISES COMME INHIBITEURS DE LA PROTEASE SPECIFIQUE DE L'UBIQUITINE 7**
[72] O'DOWD, COLIN, GB
[72] HARRISON, TIM, GB
[72] HEWITT, PETER, GB
[72] ROUNTREE, SHANE, GB
[72] HUGUES, MIEL, GB
[72] BURKAMP, FRANK, GB
[72] JORDAN, LINDA, GB
[72] HELM, MATTHEW, GB
[72] BROCCATELLI, FABIO, GB
[72] CRAWFORD, JAMES JOHN, GB
[72] GAZZARD, LEWIS, GB
[72] WERTZ, INGRID, GB
[72] LEE, WENDY, GB
[71] ALMAC DISCOVERY LIMITED, GB
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[54] **SYSTEME DE POMPE A CHALEUR ET SON PROCEDE**
[72] ASSAF, GAD, IL
[71] AGAM ENERGY SYSTEMS LTD., IL
[85] 2019-04-16
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[54] **VARIABLE RATIO ADHESIVE APPLICATION**
[54] **APPLICATION D'ADHESIF A PROPORTIONS VARIABLES**
[72] HUOTARI, KEIJO, US
[72] KARPINSKI, MIKE, US
[71] MAGNA EXTERIORS INC., CA
[85] 2019-04-16
[86] 2017-10-19 (PCT/IB2017/001441)
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[54] **APPAREIL DE COUPE AVEC ELEMENT DE COUPE MULTIDIRECTIONNEL**
[72] RYAN, MICHAEL P., US
[71] RYAN, MICHAEL P., US
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[54] **DETERMINING SERVICE PROVIDER BEHAVIOR WITH RANGED TRANSMISSIONS**
[54] **DETERMINATION DE COMPORTEMENT DE FOURNISSEUR DE SERVICES AU MOYEN DE TRANSMISSIONS PORTEES**
[72] SWANSON, KATHERINE, US
[72] STEWART, ZACHARY TYLER, US
[72] CHANG, ERICK, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **HYDROPHOBIZED FIBER CEMENT PRODUCTS, METHODS FOR PRODUCTION, AND USES THEREOF**
[54] **PRODUITS DE FIBROCIMENT RENDUS HYDROPHOBES, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS**
[72] SPAETH, VALERIE, BE
[71] ETEX SERVICES NV, BE
[85] 2019-04-16
[86] 2017-10-27 (PCT/EP2017/077614)
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[25] EN
[54] **FLOOR PANEL AND METHOD FOR MANUFACTURING A FLOOR PANEL**
[54] **PANNEAU DE PLANCHER ET PROCEDE DE FABRICATION D'UN PANNEAU DE PLANCHER**
[72] VAN VLASSENRODE, KRISTOF, BE
[72] BRUSSEEL, PAUL, BE
[72] VANHULLE, NICK, BE
[72] BOSSUYT, JOCHEN, BE
[71] IVC BVBA, BE
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[54] **ANTI-CD19 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-CD19 ET LEURS PROCEDES D'UTILISATION**
[72] FISCHER, NICOLAS, CH
[71] NOVIMMUNE SA, CH
[85] 2019-04-16
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[25] EN
[54] **MEDICAMENT DELIVERY DEVICE ADAPTED FOR LONG TERM STORAGE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT CONCU POUR UN STOCKAGE A LONG TERME**
[72] BOSTROM, ANDERS, SE
[71] SHL MEDICAL AG, CH
[85] 2019-04-16
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[54] **METHODS AND COMPOSITIONS FOR CHANGING THE COMPOSITION OF THE SKIN MICROBIOME USING COMPLEX MIXTURES OF BACTERIAL STRAINS**
[54] **PROCEDES ET COMPOSITIONS POUR MODIFIER LA COMPOSITION DU MICROBIOME DE LA PEAU A L'AIDE DE MELANGES COMPLEXES DE SOUCHES BACTERIENNES**
[72] PATZOLD, BERNHARD, DE
[72] GUELL, MARC, ES
[71] S-BIOMEDIC NV, BE
[85] 2019-04-16
[86] 2017-10-19 (PCT/IB2017/001481)
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[54] **ANTI-PROLIFERATIVE AGENTS FOR TREATING PAH**
[54] **AGENTS ANTI-PROLIFERATIFS POUR LE TRAITEMENT DE LA HTAP**
[72] EVANS, STEVEN MARTIN, US
[71] PFIZER INC., US
[85] 2019-04-16
[86] 2017-10-09 (PCT/IB2017/056226)
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[25] EN
[54] **APPARATUS AND METHOD FOR EXTRACTING ENERGY FROM A FLUID**
[54] **APPAREIL ET PROCEDE D'EXTRACTION D'ENERGIE A PARTIR D'UN FLUIDE**
[72] DENNISS, THOMAS, AU
[71] WAVE SWELL ENERGY LIMITED, AU
[85] 2019-04-16
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[25] EN
[54] **THERAPEUTIC POLYMERIC NANOPARTICLES COMPRISING LIPIDS AND METHODS OF MAKING AND USING SAME**
[54] **NANOPARTICULES POLYMERES THERAPEUTIQUES COMPORTANT DES LIPIDES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SONG, YOUNG-HO, US
[71] PFIZER INC., US
[85] 2019-04-16
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[25] EN
[54] **METHOD FOR SEALING CAVITIES IN OR ADJACENT TO A CURED CEMENT SHEATH SURROUNDING A WELL CASING**
[54] **PROCEDE DE SCELLEMENT DE CAVITES DANS OU ADJACENTES A UNE GAINE DE CIMENT DURCIE ENTOURANT UN TUBAGE DE PUITS**
[72] CORNELISSEN, ERIK KERST, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2019-04-16
[86] 2017-10-30 (PCT/EP2017/077817)
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[54] **INSTALLATION DE TRANSPORT DE MARCHANDISES**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[85] 2019-04-16
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[25] EN
[54] **THERAPEUTIC PARTICLES WITH PEPTIDE BORONIC ACID OR BORONATE ESTER COMPOUNDS AND METHODS OF MAKING AND USING SAME**
[54] **PARTICULES THERAPEUTIQUES AVEC DES COMPOSES PEPTIDIQUES D'ACIDE BORONIQUE OU D'ESTER DE BORONATE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ALI, MIR MUKKARAM, US
[72] FIGUEIREDO, MARIA CONCEICAO, US
[72] HRKACH, JEFFREY, US
[72] SONG, YOUNG-HO, US
[72] WRIGHT, JAMES, US
[72] ZALE, STEPHEN E., US
[71] PFIZER INC., US
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[25] EN
[54] **PORTABLE HAND-HELD DEVICE FOR ACCOMMODATING AND TRANSPORTING FOOD OR A BEVERAGE, AND METHOD FOR CONTROLLING TEMPERATURE**
[54] **DISPOSITIF PORTATIF A MAIN DESTINE A RECEVOIR ET A TRANSPORTER UN ALIMENT OU UNE BOISSON ET PROCEDE DE CONDITIONNEMENT THERMIQUE**
[72] PELZER, FRANK, DE
[72] AMREIN, MATTHIAS, CA
[72] REINDERS, MORITZ, CA
[71] PELZER, FRANK, DE
[85] 2019-04-16
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[54] **WIG BASE, WIG, AND METHOD OF MANUFACTURING WIG BASE**
[54] **BASE DE PERRUQUE, PERRUQUE ET PROCEDE DE FABRICATION DE BASE DE PERRUQUE**
[72] ESASHIKA, TOSHIYA, JP
[72] MAEGAWA, TOSHIKI, JP
[72] NOSAKA, HIROYUKI, JP
[71] ADERANS COMPANY LIMITED, JP
[85] 2019-04-16
[86] 2017-10-10 (PCT/JP2017/036604)
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[54] **MODIFIED ANTIBODY CONSTANT REGION**
[54] **REGION CONSTANTE MODIFIEE D'UN ANTICORPS**
[72] LEGER, OLIVIER, FR
[72] RIALLAND, PASCALE, FR
[72] MORSE, RICHARD, FR
[71] VETOQUINOL SA, FR
[85] 2019-04-16
[86] 2017-10-16 (PCT/EP2017/076374)
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[51] **Int.Cl. H04N 5/225 (2006.01) G03B 15/00 (2006.01) G03B 17/04 (2006.01)**
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[54] **INFORMATION PROCESSING TERMINAL**
[54] **TERMINAL DE TRAITEMENT D'INFORMATIONS**
[72] KINOUCHI, TAKASHI, JP
[71] XLEAP, INC., JP
[85] 2019-04-16
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[54] **SYSTEME D'AQUACULTURE EN HAUTE MER**
[72] BROSH, SHAY, IL
[71] SEA CONTROL HOLDINGS LTD., IL
[85] 2019-04-16
[86] 2017-10-18 (PCT/IL2017/051145)
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[54] **VEHICULE D'ADMINISTRATION ORALE**
[72] WITTORFF, HELLE, DK
[72] BRUUN, HEIDI ZIEGLER, DK
[72] BOESEN, DORTHE SCHACKINGER, DK
[71] FERTIN PHARMA A/S, DE
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[54] **INHALABLE POWDER COMPOSITION COMPRISING IL-13 ANTIBODY**
[54] **COMPOSITION DE POUDRE INHALABLE COMPRENANT UN ANTICORPS IL -13**
[72] MORGAN, FRAZER GILES, GB
[72] MAIN, MARK JONATHAN, GB
[72] PALFRAMAN, ROGER, GB
[72] KIRKE, DAVID, GB
[71] VECTURA LIMITED, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2019-04-16
[86] 2017-10-31 (PCT/EP2017/077923)
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[54] **INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2019-04-16
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[54] **TABLET COMPRISING SEPARATE BINDER AND ERYTHRITOL**
[54] **COMPRIME COMPRENANT UN LIANT SEPARE ET DE L'ERYTHRITOL**
[72] WITTORFF, HELLE, DK
[71] FERTIN PHARMA A/S, DE
[85] 2019-04-16
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[87] (WO2018/091050)
[30] DK (PCT/DK2016/050377) 2016-11-18
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[54] **SYSTEM TO ASSIST WALKING**
[54] **SYSTEME D'AIDE A LA MARCHE**
[72] LUGRIS ARMESTO, URBANO, ES
[72] CUADRADO ARANDA, JAVIER, ES
[72] FONT LLAGUNES, JOSEP MARIA, ES
[72] CLOS COSTA, DANIEL, ES
[72] ALONSO SANCHEZ, FRANCISCO JAVIER, ES
[72] ROMERO SANCHEZ, FRANCISCO, ES
[71] UNIVERSIDADE DA CORUNA, ES
[71] UNIVERSITAT POLITECNICA DE CATALUNYA, ES
[71] UNIVERSIDAD DE EXTREMADURA, ES
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[54] **METHOD FOR PREPARING FROZEN FOODS AND FROZEN FOODS OF PREDOMINANTLY PLANT ORIGIN**
[54] **PROCEDE DE PREPARATION D'ALIMENTS CONGELES ET ALIMENTS CONGELES D'ORIGINE PRINCIPALEMENT VEGETALE**
[72] ROLLI, GIAN PAOLO, IT
[71] INDUSTRIE ROLLI ALIMENTARI S.P.A., IT
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[25] EN
[54] **PLANT GROWTH SYSTEM WITH ROOT BARRIER**
[54] **SYSTEME DE CROISSANCE DE PLANTE A BARRIERE DE RACINES**
[72] HARDING, KIM, NL
[72] HEEREN, BONEFACIUS JOHANNUS PETRUS, NL
[72] SPAARGAREN, JAN-WILLEM, NL
[71] SAINT-GOBAIN CULTILENE B.V., NL
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[54] **A PROCESSED PROTEIN PRODUCT**
[54] **PRODUIT PROTEIQUE TRAITE**
[72] ELLEGARD, KATRINE HVID, DK
[72] THOMSEN, KARL KRISTIAN, DK
[72] DICKOW, JONATAN AHRENS, DK
[71] HAMLET PROTEIN A/S, DK
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[54] **STEEL PIPE COUPLING DEVICE FOR STEEL PIPES**
[54] **DISPOSITIF DE JONCTION POUR TUYAU EN ACIER**
[72] HORIE, HIROYUKI, JP
[72] OKAMOTO, YUSUKE, JP
[71] ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION, JP
[71] WING CORPORATION, JP
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[51] **Int.Cl. G01N 15/14 (2006.01) G01N 33/50 (2006.01) G01N 33/532 (2006.01) G01N 33/533 (2006.01)**
[25] EN
[54] **USES, METHODS, KITS, COMPOSITIONS AND ANTIBODIES FOR IDENTIFYING HEMATOPOIETIC CELL SUBTYPES**
[54] **UTILISATIONS, PROCEDES, NECESSAIRES, COMPOSITIONS ET ANTICORPS D'IDENTIFICATION DE SOUS-TYPES DE CELLULES HEMATOPOIETIQUES**
[72] BASSO-RICCI, LUCA, IT
[72] BIASCO, LUCA, IT
[72] AIUTI, ALESSANDRO, IT
[71] OSPEDALE SAN RAFFAELE S.R.L., IT
[71] FONDAZIONE TELETHON, IT
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[30] GB (1617572.1) 2016-10-17

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[51] **Int.Cl. C02F 1/32 (2006.01) E03B 1/04 (2006.01) E03C 1/00 (2006.01)**
[25] EN
[54] **SENSOR SYSTEM FOR A SYSTEM ALLOWING FOR PURIFICATION AND RECYCLING OF WATER OR SEPARATION OF WATER**
[54] **SYSTEME DE CAPTEURS POUR UN SYSTEME PERMETTANT LA PURIFICATION ET LE RECYCLAGE D'EAU OU LA SEPARATION D'EAU**
[72] OSCARSON, JOAKIM, SE
[72] RIDELL, MICHAEL, SE
[72] NILSSON, MIKAEL, SE
[71] ORBITAL SYSTEMS AB, SE
[85] 2019-04-16
[86] 2017-11-22 (PCT/SE2017/051158)
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[30] SE (1651552-0) 2016-11-25

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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**
[54] **DISPOSITIF DE COMMUNICATION, ET PROCEDE DE COMMUNICATION**
[72] AIO, KOSUKE, JP
[72] MA, YUELIN, JP
[72] MORIOKA, YUICHI, JP
[71] SONY CORPORATION, JP
[85] 2019-04-16
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[51] **Int.Cl. E03C 1/04 (2006.01) A47K 3/28 (2006.01) E03B 1/04 (2006.01)**
[25] EN
[54] **A METHOD FOR RECYCLING WATER AND A WATER RECYCLING DEVICE**
[54] **PROCEDE DE RECYCLAGE D'EAU ET DISPOSITIF DE RECYCLAGE D'EAU**
[72] RIDELL, MICHAEL, SE
[72] BODEN, RICHARD, SE
[71] ORBITAL SYSTEMS AB, SE
[85] 2019-04-16
[86] 2017-11-22 (PCT/SE2017/051159)
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[25] EN
[54] **TREATMENT METHOD BY COMBINED USE OF MDM2 INHIBITOR AND DNA METHYLTRANSFERASE INHIBITOR**
[54] **PROCEDE DE POLYTHERAPIE UTILISANT UN INHIBITEUR DE MDM2 ET UN INHIBITEUR D'ADN METHYLTRANSFERASE**
[72] SEKI, TAKAHIKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2019-04-16
[86] 2017-10-16 (PCT/JP2017/037284)
[87] (WO2018/074387)
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[51] **Int.Cl. C07K 16/10 (2006.01)**
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[54] **ANTI-CHIKV ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CHIKV ET LEURS UTILISATIONS**
[72] CARTER, KARA, US
[72] LEMOINE, CENDRINE, FR
[72] MANDRON, MARIE, FR
[72] PARK, SUNGHAE, US
[72] QIU, HUAWEI, US
[72] ROTHBLATT, JONATHAN, US
[71] SANOFI, FR
[85] 2019-04-16
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[54] **AN AUTOMATIC IN-STORE REGISTRATION SYSTEM**
[54] **SYSTEME D'ENREGISTREMENT AUTOMATIQUE EN MAGASIN**
[72] ANGENFELT, MARTIN, SE
[72] MOLLER, JOHAN, SE
[71] ITAB SCANFLOW AB, SE
[85] 2019-04-16
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[30] SE (1651711-2) 2016-12-21

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[51] **Int.Cl. E04B 1/26 (2006.01) E04B 1/58 (2006.01)**
[25] EN
[54] **METAL RESTRAINT STRAP AND STRUCTURAL BODY RESTRAINING METHOD**
[54] **ACCESSOIRE DE RETENUE ET PROCEDE DE RETENUE D'UN SQUELETTE DE STRUCTURE**
[72] ADACHI, HIROYUKI, JP
[71] SHELTER CO., LTD., JP
[85] 2019-04-16
[86] 2017-10-17 (PCT/JP2017/037590)
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[54] **FAN ROTOR BLADE AND METHOD OF MANUFACTURING SAME**
[54] **AILETTE DE ROTOR DE VENTILATEUR ET SON PROCEDE DE FABRICATION**
[72] KUROKI, HIROSHI, JP
[72] HOJO, MASAHIRO, JP
[71] IHI CORPORATION, JP
[71] JAPAN AEROSPACE EXPLORATION AGENCY, JP
[85] 2019-04-16
[86] 2017-10-16 (PCT/JP2017/037393)
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[25] EN
[54] **EXHAUST GAS PURIFYING CATALYST AND METHOD FOR PURIFYING EXHAUST GAS**
[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT ET PROCEDE DE PURIFICATION DE GAZ D'ECHAPPEMENT**
[72] ASHIKARI, KENJI, JP
[72] IKEDA, MASANORI, JP
[72] MINAMI, SHIGEKAZU, JP
[72] NAKASHIMA, MASASHI, JP
[72] GOTO, HIDEKI, JP
[71] UMICORE SHOKUBAI JAPAN CO., LTD., JP
[85] 2019-04-16
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[51] **Int.Cl. A61K 31/231 (2006.01) A23L 33/10 (2016.01)**
[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING PSORIASIS CONTAINING MONOACETYL DIACYLGLYCEROL COMPOUND**
[54] **COMPOSITION PERMETTANT DE PREVENIR OU TRAITER LE PSORIASIS CONTENANT UN COMPOSE MONOACETYL DIACYL GLYCEROL**
[72] SOHN, KI YOUNG, KR
[72] YOON, SUN YOUNG, KR
[71] ENZYCHEM LIFESCIENCES CORPORATION, KR
[85] 2019-04-16
[86] 2017-10-17 (PCT/KR2017/011449)
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[51] **Int.Cl. C07F 1/00 (2006.01)**
[25] EN
[54] **A CRYSTALLINE METAL ORGANIC FRAMEWORK**
[54] **STRUCTURE ORGANOMETALLIQUE CRISTALLINE**
[72] CORELLA OCHOA, Mª DE LAS NIEVES, ES
[72] LILLO GARCIA, VANESA, ES
[72] GALAN MASCAROS, JOSE RAMON, ES
[71] FUNDACIO INSTITUT CATALA D'INVESTIGACIO QUIMICA (ICIQ), ES
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2019-04-16
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[51] **Int.Cl. A61M 25/01 (2006.01) A61B 1/005 (2006.01)**
[25] EN
[54] **STEERING TOOL**
[54] **OUTIL DE DIRECTION**
[72] CABIRI, OZ, IL
[71] BENDIT TECHNOLOGIES LTD., IL
[85] 2019-04-16
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[51] **Int.Cl. A61B 1/06 (2006.01) A61B 1/00 (2006.01) A61B 1/04 (2006.01) A61B 1/31 (2006.01)**
[25] EN
[54] **MULTI-WAVELENGTH ENDOSCOPIC SYSTEM AND IMAGE PROCESSING METHOD USING SAME**
[54] **SYSTEME ENDOSCOPIQUE A LONGUEURS D'ONDE MULTIPLES ET PROCEDE DE TRAITEMENT D'IMAGE UTILISANT LEDIT SYSTEME ENDOSCOPIQUE A LONGUEURS D'ONDE MULTIPLES**
[72] MYUNG, SEUNG-JAE, KR
[72] KIM, SANG-YEOB, KR
[72] BAE, SANG MUN, KR
[72] DO, EUN-JU, KR
[72] BAE, DONG-JUN, KR
[71] THE ASAN FOUNDATION, KR
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[25] EN
[54] **IMAGE CREATION DEVICE, METHOD FOR IMAGE CREATION, IMAGE CREATION PROGRAM, METHOD FOR DESIGNING EYEGLASS LENS AND METHOD FOR MANUFACTURING EYEGLASS LENS**
[54] **DISPOSITIF DE PREPARATION D'IMAGE, PROCEDE DE PREPARATION D'IMAGE, PROGRAMME DE PREPARATION D'IMAGE, PROCEDE DE CONCEPTION DE VERRE DE LUNETTES ET PROCEDE DE FABRICATION DE VERRE DE LUNETTES**
[72] KISHIMOTO, TAKESHI, JP
[71] NIKON-ESSILOR CO., LTD., JP
[85] 2019-04-16
[86] 2017-10-18 (PCT/JP2017/037741)
[87] (WO2018/074528)
[30] JP (2016-205990) 2016-10-20

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[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **SPECTACLE LENS AND METHOD, IN PARTICULAR 3D PRINTING METHOD, FOR THE PRODUCTION THEREOF**
[54] **VERRE DE LUNETTES ET PROCEDE DE FABRICATION, NOTAMMENT PROCEDE D'IMPRESSION 3D**
[72] MAPPES, TIMO, DE
[72] KELCH, GERHARD, DE
[72] GLOGE, THOMAS, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2019-04-16
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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **LINKING SECURE AND NON-SECURE DIGITAL IMAGING USING DIGITAL IMAGERS FOR PRODUCTION OF LOTTERY TICKETS OR OTHER DOCUMENTS**
[54] **ASSOCIATION D'IMAGES NUMERIQUES SECURISEES ET NON SECURISEES A L'AIDE D'IMAGEURS NUMERIQUES POUR LA PRODUCTION DE BILLETS DE LOTERIE OU AUTRES DOCUMENTS**
[72] IRWIN, KENNETH E., US
[72] FINNERTY, FRED W., US
[72] PENG, GEORGE KURTZ, US
[72] WEIL, ALLEN LORNE, US
[71] HYDRA MANAGEMENT LLC, US
[85] 2019-04-16
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[51] **Int.Cl. G06K 9/60 (2006.01) G06K 9/46 (2006.01) G06K 9/62 (2006.01)**
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[54] **METHODS AND APPARATUS FOR FALSE POSITIVE MINIMIZATION IN FACIAL RECOGNITION APPLICATIONS**
[54] **PROCEDES ET APPAREIL POUR UNE MINIMISATION DE FAUX POSITIFS DANS DES APPLICATIONS DE RECONNAISSANCE FACIALE**
[72] SABITOV, RUSLAN, US
[72] JOSHPE, BRETT, US
[72] RESNICK, ADAM, US
[71] 15 SECONDS OF FAME, INC., US
[85] 2019-04-16
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[51] **Int.Cl. C09C 1/36 (2006.01) C09C 1/02 (2006.01) C09C 3/06 (2006.01) C09C 3/08 (2006.01) C09C 3/10 (2006.01) C09C 3/12 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **COMPOSITE PIGMENT AND PRODUCTION METHOD THEREOF, PAINT COMPOSITION CONTAINING COMPOSITE PIGMENT, AND COATING FILM**
[54] **PIGMENT COMPOSITE ET PROCEDE DE PRODUCTION ASSOCIE, COMPOSITION DE PEINTURE CONTENANT UN PIGMENT COMPOSITE, ET FILM DE REVETEMENT**
[72] FUJIMURA, TAKESHI, JP
[72] ISEYA, SHOGO, JP
[72] SHIMOITA, HIRONORI, JP
[72] TANIGUCHI, YUSUKE, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2019-04-16
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[30] JP (2016-207774) 2016-10-24
[30] JP (2017-072503) 2017-03-31
[30] JP (2017-087582) 2017-04-26
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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01)**
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[54] **METHOD FOR TRANSMITTING SRS AND TERMINAL THEREFOR**
[54] **PROCEDE D'EMISSION DE SRS ET TERMINAL CORRESPONDANT**
[72] CHOI, KUKHEON, KR
[72] KANG, JIWON, KR
[72] PARK, JONGHYUN, KR
[72] KIM, KYUSEOK, KR
[72] AHN, MINKI, KR
[72] LEE, KILBOM, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-04-16
[86] 2018-04-27 (PCT/KR2018/004946)
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[51] **Int.Cl. B22F 9/08 (2006.01) B22D 1/00 (2006.01) B22F 9/10 (2006.01) C21C 7/00 (2006.01) C22C 1/04 (2006.01) C22C 33/02 (2006.01)**
[25] EN
[54] **SELF GENERATED PROTECTIVE ATMOSPHERE FOR LIQUID METALS**
[54] **ATMOSPHERE PROTECTRICE AUTO-GENEREE POUR METAUX LIQUIDES**
[72] BIOSVERT, MATHIEU, US
[72] L'ESPERANCE, GILLES, CA
[72] BEAULIEU, PHILIPPE, GB
[72] CHRISTOPHERSON, DENIS B., US
[71] TENNECO INC., US
[85] 2019-04-16
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[87] (WO2018/075152)
[30] US (62/409,192) 2016-10-17
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[51] **Int.Cl. G02B 6/42 (2006.01) H01S 5/02 (2006.01)**
[25] EN
[54] **HERMETIC OPTICAL SUBASSEMBLY**
[54] **SOUS-ENSEMBLE OPTIQUE HERMETIQUE**
[72] VALLANCE, ROBERT RYAN, US
[72] BURKE, JEREMY, US
[72] DANNENBERG, RAND, US
[71] NANOPRECISION PRODUCTS, INC., US
[85] 2019-04-16
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[87] (WO2017/070713)
[30] US (62/245,878) 2015-10-23
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[51] **Int.Cl. A61B 6/04 (2006.01) A61B 6/00 (2006.01) B65B 53/02 (2006.01)**
[25] EN
[54] **IMAGING WITH CURVED COMPRESSION ELEMENTS**
[54] **IMAGERIE AVEC ELEMENTS DE COMPRESSION INCURVES**
[72] CHEN, BIAO, US
[72] STANGO, TIMOTHY R., US
[72] STEIN, JAY A., US
[72] RUTH, CHRISTOPHER, US
[71] HOLOGIC, INC., US
[85] 2019-04-16
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[30] US (62/419,336) 2016-11-08
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[51] **Int.Cl. C23C 24/08 (2006.01) B05B 7/14 (2006.01) B05B 7/22 (2006.01)**
[25] EN
[54] **COLD SPRAY APPARATUS WITH LARGE AREA CONFORMAL DEPOSITION ABILITY**
[54] **APPAREIL DE PULVERISATION A FROID AYANT UNE CAPACITE DE DEPOT CONFORME A UNE GRANDE SURFACE**
[72] MOHANTY, PRAVANSU S., US
[72] VARADARAAJAN, VIKRAM, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2019-04-16
[86] 2017-10-16 (PCT/US2017/056766)
[87] (WO2018/075395)
[30] US (15/295,050) 2016-10-17

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING WITH STOCHASTIC PATH OPTIMIZATION OF OPERATING PARAMETERS**
[54] **FORAGE DIRIGE A OPTIMISATION DE TRAJET STOCHASTIQUE DE PARAMETRES D'OPERATION**
[72] XUE, YUZHEN, US
[72] DYKSTRA, JASON D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-04-16
[86] 2016-12-09 (PCT/US2016/065789)
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[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 40/00 (2015.01)**
[25] EN
[54] **SUPPORTS FOR SINTERING ADDITIVELY MANUFACTURED PARTS**
[54] **SUPPORTS POUR FRITTAGE DE PIECES FABRIQUEES PAR FABRICATION ADDITIVE**
[72] MARK, GREGORY THOMAS, US
[71] MARKFORGED, INC., US
[85] 2019-04-16
[86] 2017-10-02 (PCT/US2017/054743)
[87] (WO2018/102021)
[30] US (62/429,711) 2016-12-02
[30] US (62/430,902) 2016-12-06
[30] US (62/442,395) 2017-01-04
[30] US (62/480,331) 2017-03-31
[30] US (62/489,410) 2017-04-24
[30] US (62/505,081) 2017-05-11
[30] US (62/519,138) 2017-06-13

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[51] **Int.Cl. A61K 31/573 (2006.01) A61K 9/08 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] HULL, WADE, US
[72] VO, NGOC TRUC-CHI, CA
[72] KING-SMITH, DOMINIC, US
[71] CRESCITA THERAPEUTICS INC., CA
[85] 2019-04-16
[86] 2016-10-21 (PCT/US2016/058240)
[87] (WO2018/075071)

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[13] A1
[51] **Int.Cl. C09D 5/18 (2006.01)**
[25] EN
[54] **SURFACTANTS FOR INTUMESCENT FOAM STABILIZATION**
[54] **TENSIOACTIFS POUR STABILISATION DE MOUSSE INTUMESCENTE**
[72] PESKENS, RONNIE, NL
[72] MCCOLLUM, GREGORY J, US
[72] KALSANI, VENKATESHWARLU, US
[72] SISCO, SEIKO, US
[71] PPG COATINGS EUROPE B.V., NL
[85] 2019-04-16
[86] 2017-11-10 (PCT/EP2017/078932)
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[30] US (62/420,013) 2016-11-10

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[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B22F 5/04 (2006.01) B22F 7/00 (2006.01) B22F 7/08 (2006.01) F01D 5/18 (2006.01)**
[25] EN
[54] **A POROUS FILM HOLE EXIT AND METHOD FOR MAKING SAME**
[54] **SORTIE DE TROU DE FILM POREUX ET SON PROCEDE DE FABRICATION**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-04-16
[86] 2017-10-06 (PCT/US2017/055584)
[87] (WO2018/075268)
[30] US (15/298,999) 2016-10-20

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[51] **Int.Cl. B22F 9/08 (2006.01) B22F 1/00 (2006.01) C21C 1/02 (2006.01) C21C 1/10 (2006.01) C21C 7/00 (2006.01) C21C 7/06 (2006.01) C21C 7/064 (2006.01) C21C 7/072 (2006.01) C22B 9/05 (2006.01)**
[25] EN
[54] **TREATMENT OF MELT FOR ATOMIZATION TECHNOLOGY**
[54] **TRAITEMENT DE MATIERE FONDUE DESTINEE A UNE TECHNOLOGIE D'ATOMISATION**
[72] L'ESPERANCE, GILLES, CA
[72] BOISVERT, MATHIEU, US
[72] CHRISTOPHERSON, DENIS B., JR., US
[72] BEAULIEU, PHILIPPE, GB
[71] ECOLE POLYTECHNIQUE, CA
[71] TENNECO INC., US
[85] 2019-04-16
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[30] US (15/295,733) 2016-10-17

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[51] **Int.Cl. A61K 31/00 (2006.01) A61K 9/00 (2006.01) A61K 31/21 (2006.01) A61K 31/34 (2006.01) A61K 31/7024 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **REDUCING SIDE EFFECTS OF SHORT ACTING NO DONORS**
[54] **REDUCTION DES EFFETS SECONDAIRES DE DONNEURS DE NO A DUREE D'ACTION COURTE**
[72] BOSKAMP, MARIANNE, DE
[71] G. POHL-BOSKAMP GMBH & CO. KG, DE
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[30] EP (16204170.1) 2016-12-14

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **REDUCED-ETHANOL MOUTH RINSE FORMULATIONS**
[54] **FORMULATIONS DE BAIN DE BOUCHE A TENEUR REDUITE EN ETHANOL**
[72] FEVOLA, MICHAEL, US
[72] KIRBY, STEPHANIE, US
[72] LIBRIZZI, JOSEPH, US
[72] NARASIMHAN, SAROJA, US
[72] SUN, FRANK, US
[72] QUEIROZ, DANIEL, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-04-16
[86] 2017-10-16 (PCT/US2017/056743)
[87] (WO2018/075384)
[30] US (15/298,593) 2016-10-20

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[13] A1
[51] **Int.Cl. G06T 3/00 (2006.01) G06T 7/70 (2017.01)**
[25] EN
[54] **ORIENTED IMAGE STITCHING FOR SPHERICAL IMAGE CONTENT**
[54] **ASSEMBLAGE D'IMAGES ORIENTEES POUR UN CONTENU D'IMAGES SPHERIQUE**
[72] FORUTANPOUR, BIJAN, US
[72] NGUYEN, PHI HUNG LE, US
[72] BI, NING, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-04-16
[86] 2017-10-10 (PCT/US2017/055932)
[87] (WO2018/093483)
[30] US (15/357,486) 2016-11-21

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/00 (2006.01) A47J 31/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VACUUM EXTRACTION OF COLD BREWED BEVERAGES**
[54] **SYSTEME ET PROCEDE D'EXTRACTION A VIDE DE BOISSONS INFUSEES A FROID**
[72] VASTARDIS, DEAN J., US
[72] VASTARDIS, LOU, US
[72] ROSENBACH, ANDREW, US
[71] BKON LLC, US
[85] 2019-04-16
[86] 2017-10-17 (PCT/US2017/056877)
[87] (WO2018/075446)
[30] US (62/409,268) 2016-10-17

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[13] A1
[51] **Int.Cl. A24B 15/12 (2006.01) A24B 15/14 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **NICOTINE AND CELLULOSE CONTAINING SHEET**
[54] **FEUILLE CONTENANT DE LA NICOTINE ET DE LA CELLULOSE**
[72] DEFOREL, CORINNE, CH
[72] WALLER, JUDITH, CH
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-16
[86] 2017-12-21 (PCT/EP2017/084091)
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[30] EP (16207609.5) 2016-12-30

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[25] EN
[54] **COMPOSITE PIGMENT AND PRODUCTION METHOD THEREOF, PAINT COMPOSITION CONTAINING COMPOSITE PIGMENT, AND COATING FILM**
[54] **PIGMENT COMPOSITE ET SON PROCEDE DE PRODUCTION, COMPOSITION DE PEINTURE CONTENANT LE PIGMENT COMPOSITE, ET FILM DE REVETEMENT**
[72] FUJIMURA, TAKESHI, JP
[72] ISEYA, SHOGO, JP
[72] SHIMOITA, HIRONORI, JP
[72] TANIGUCHI, YUSUKE, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2019-04-16
[86] 2017-10-23 (PCT/JP2017/038189)
[87] (WO2018/079487)
[30] JP (2016-207774) 2016-10-24
[30] JP (2017-072503) 2017-03-31
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[13] A1
[51] **Int.Cl. B22F 9/08 (2006.01) C22C 33/02 (2006.01)**
[25] EN
[54] **FREE GRAPHITE CONTAINING POWDERS**
[54] **POUDRES CONTENANT DU GRAPHITE LIBRE**
[72] BOISVERT, MATHIEU, US
[72] L'ESPERANCE, GILLES, CA
[72] BEAULIEU, PHILIPPE, GB
[72] CHRISTOPHERSON, DENIS B., JR., US
[71] TENNECO, INC., US
[71] ECOLE POLYTECHNIQUE, CA
[85] 2019-04-16
[86] 2017-10-17 (PCT/US2017/056895)
[87] (WO2018/075460)
[30] US (62/409,244) 2016-10-17
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[13] A1
[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/30 (2006.01)**
[25] EN
[54] **OPTICAL CIRCUIT BOARD, OPTICAL DEVICE, AND ALIGNMENT METHOD**
[54] **CARTE A CIRCUITS OPTIQUES, DISPOSITIF OPTIQUE ET PROCEDE D'ALIGNEMENT**
[72] NAKANISHI, TOMOHIRO, JP
[72] MINAMI, MOTOKI, JP
[72] KONNO, SATORU, JP
[72] SUZUKI, YUICHI, JP
[72] SATO, TERUAKI, JP
[72] NAGASHIMA, SHIGEO, JP
[72] MINO, SHINJI, JP
[72] ISHII, MOTOHAYA, JP
[72] SOMA, SHUNICHI, JP
[72] KAMEI, SHIN, JP
[72] ASAKAWA, SHUICHIRO, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2019-04-16
[86] 2017-11-02 (PCT/JP2017/039713)
[87] (WO2018/084238)
[30] JP (2016-217193) 2016-11-07

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/138 (2006.01) E21B 34/10 (2006.01) E21B 43/11 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **WELLBORE TUBULARS INCLUDING SELECTIVE STIMULATION PORTS SEALED WITH SEALING DEVICES AND METHODS OF OPERATING THE SAME**
[54] **ELEMENTS TUBULAIRES DE PUITS DE FORAGE COMPRENANT DES ORIFICES DE STIMULATION SELECTIVE FERMES HERMETIQUEMENT A L'AIDE DE DISPOSITIFS D'ETANCHEITE ET LEURS PROCEDES DE FONCTIONNEMENT**
[72] TOLMAN, RANDY C., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2019-04-16
[86] 2017-10-17 (PCT/US2017/056994)
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[30] US (62/422,356) 2016-11-15

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[13] A1
[51] **Int.Cl. G08B 25/10 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **BROADCAST MODE FOR NON-PAIRED DEVICES AND CRITICAL MESSAGES**
[54] **MODE DE DIFFUSION DE DISPOSITIFS NON APPARIES ET MESSAGES CRITIQUES**
[72] GARG, PARAG KUMAR, US
[72] MULLEN, PETER CHRISTOPHER, US
[72] BAIRD, JOSEPH REID, US
[71] SEARS BRANDS, L.L.C., US
[85] 2019-04-16
[86] 2017-10-17 (PCT/US2017/057046)
[87] (WO2018/075560)
[30] US (15/295,822) 2016-10-17

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **AN IN-VEHICLE CHARGING STATION FOR AN ELECTRICALLY HEATED AEROSOL-GENERATING DEVICE**
[54] **STATION DE CHARGE EMBARQUEE POUR UN DISPOSITIF GENERATEUR D'AEROSOL CHAUFFE ELECTRIQUEMENT**
[72] SAUDER, MARKUS KARL-WALTER, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-16
[86] 2018-01-02 (PCT/EP2018/050046)
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[13] A1
[51] **Int.Cl. A47D 9/02 (2006.01) A47D 15/00 (2006.01) G01H 17/00 (2006.01) G11B 20/10 (2006.01)**
[25] EN
[54] **INFANT CALMING/SLEEP-AID DEVICE**
[54] **DISPOSITIF PERMETTANT DE CALMER UN NOURRISSON/DE FAVORISER L'ENDORMISSEMENT D'UN NOURRISSON**
[72] KARP, HARVEY NEIL, US
[72] LARSON, TED, US
[72] GARBANATI, ROBERT, US
[72] SARYAN, MIKAYEL, US
[72] FORNELL, PETER, US
[72] KOSUGE, ROY, US
[72] KOPP, JOE, US
[71] HAPPIEST BABY, INC., US
[85] 2019-04-16
[86] 2017-10-17 (PCT/US2017/057055)
[87] (WO2018/075566)
[30] US (62/409,307) 2016-10-17

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **ANTI-RESPIRATORY SYNCYTIAL VIRUS ANTIBODIES, AND METHODS OF THEIR GENERATION AND USE**
[54] **ANTICORPS CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL ET LEURS METHODES DE GENERATION ET D'UTILISATION**
[72] WALKER, LAURA M., US
[71] ADIMAB, LLC, US
[85] 2019-04-16
[86] 2017-10-20 (PCT/US2017/057720)
[87] (WO2018/075961)
[30] US (62/411,500) 2016-10-21

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[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **FPGA PLATFORM AS A SERVICE (PAAS)**
[54] **PLATE-FORME FPGA EN TANT QUE SERVICE (PAAS)**
[72] ROOKE, TODD A., US
[72] WILKINSON, TIMOTHY P., US
[71] SRC LABS, LLC, US
[85] 2019-04-16
[86] 2017-10-18 (PCT/US2017/057274)
[87] (WO2018/075696)
[30] US (62/409,855) 2016-10-18

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[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61P 1/16 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING LIVER DISORDERS OR LIPID DISORDERS WITH A THR-BETA AGONIST**
[54] **METHODES DE TRAITEMENT DE TROUBLES HEPATIQUES OU DE TROUBLES LIPIDIQUES AVEC UN AGONISTE THR-BETA**
[72] TAUB, REBECCA, US
[71] MADRIGAL PHARMACEUTICALS, INC., US
[85] 2019-04-16
[86] 2017-10-18 (PCT/US2017/057203)
[87] (WO2018/075650)
[30] US (62/409,833) 2016-10-18
[30] US (62/516,594) 2017-06-07

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING DISEASES RESULTING FROM A MALADAPTED STRESS RESPONSE**
[54] **METHODES DE TRAITEMENT DE MALADIES DUES A UNE REPONSE AU STRESS INADAPTEE**
[72] PEREIRA, GERARD, US
[71] CORTENE INC., US
[85] 2019-04-16
[86] 2017-10-20 (PCT/US2017/057736)
[87] (WO2018/075973)
[30] US (62/410,764) 2016-10-20

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[13] A1
[51] **Int.Cl. F42B 6/08 (2006.01)**
[25] EN
[54] **BROADHEAD HAVING BOTH DEPLOYABLE AND FIXED CUTTING BLADES**
[54] **POINTE DE CHASSE AYANT A LA FOIS DES LAMES DE COUPE DEPLOYABLES ET FIXES**
[72] PEDERSEN, WILLIAM E., US
[71] FERADYNE OUTDOORS, LLC, US
[85] 2019-04-16
[86] 2017-10-13 (PCT/US2017/056548)
[87] (WO2018/075356)
[30] US (62/408,933) 2016-10-17

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[13] A1
[51] **Int.Cl. C03B 33/07 (2006.01) B32B 38/00 (2006.01) B32B 43/00 (2006.01) C03B 33/08 (2006.01) C03B 33/09 (2006.01)**
[25] EN
[54] **METHODS OF CUTTING GLASS LAMINATES AND GLASS LAMINATES FORMED USING SUCH METHODS**
[54] **PROCEDES DE DECOUPE DE STRATIFIE DE VERRE ET STRATIFIES DE VERRE FORMES AU MOYEN DE CES PROCEDES**
[72] PARK, CHEOL HEE, KR
[72] SHIN, DONG KEUN, KR
[71] CORNING INCORPORATED, US
[85] 2019-04-16
[86] 2017-10-19 (PCT/US2017/057403)
[87] (WO2018/075778)
[30] KR (10-2016-0135933) 2016-10-19

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[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-RESPIRATORY SYNCYTIAL VIRUS ANTIBODIES, AND METHODS OF THEIR GENERATION AND USE**
[54] **ANTICORPS ANTI-VIRUS RESPIRATOIRE SYNCYTIAL, ET LEURS PROCEDES DE GENERATION ET D'UTILISATION**
[72] WALKER, LAURA M., US
[71] ADIMAB, LLC, US
[85] 2019-04-16
[86] 2017-10-20 (PCT/US2017/057737)
[87] (WO2018/075974)
[30] US (62/411,508) 2016-10-21

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[13] A1
[51] **Int.Cl. C21D 1/76 (2006.01) B82Y 30/00 (2011.01) C09D 5/00 (2006.01) C21D 1/70 (2006.01) C21D 6/00 (2006.01) C21D 9/67 (2006.01) C23C 22/00 (2006.01)**
[25] EN
[54] **SURFACE MODIFICATION OF STAINLESS STEELS**
[54] **MODIFICATION DE SURFACE D'ACIERS INOXYDABLES**
[72] MYERS, FREDERICK ALAN, US
[72] PRICE, LEROY RAYMOND, US
[71] AK STEEL PROPERTIES, INC., US
[85] 2019-04-16
[86] 2017-10-19 (PCT/US2017/057404)
[87] (WO2018/075779)
[30] US (62/410,182) 2016-10-19

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[13] A1
[51] **Int.Cl. G01V 13/00 (2006.01) E21B 47/00 (2012.01) G01V 3/26 (2006.01)**
[25] EN
[54] **TECHNOLOGIES FOR IN-SITU CALIBRATION OF MAGNETIC FIELD MEASUREMENTS**
[54] **TECHNOLOGIES D'ETALONNAGE IN SITU DE MESURES DE CHAMP MAGNETIQUE**
[72] WU, HSU-HSIANG, US
[72] LI, WENQUAN, US
[72] SHAH, FAISAL FAROOQ, US
[72] ROBERSON, BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-04-16
[86] 2016-12-12 (PCT/US2016/066189)
[87] (WO2018/111221)

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[13] A1
[51] **Int.Cl. B65D 51/20 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **SINGLE ALUMINUM TAMPER INDICATING TABBED SEALING MEMBER**
[54] **ELEMENT UNIQUE FORMANT SCEAU D'INVIOLABILITE A LANGUETTE EN ALUMINIUM**
[72] THORSTENSEN-WOLL, ROBERT WILLIAM, CA
[71] SELIG SEALING PRODUCTS, INC., US
[85] 2019-04-16
[86] 2017-10-26 (PCT/US2017/058521)
[87] (WO2018/081419)
[30] US (62/414,547) 2016-10-28

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[13] A1
[51] **Int.Cl. A61K 47/68 (2017.01) A61K 9/08 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) C07K 1/34 (2006.01) C07K 14/715 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS AND METHODS OF MAKING THE SAME**
[54] **FORMULATIONS PHARMACEUTIQUES ET LEURS PROCEDES DE PREPARATION**
[72] GOSS, MONICA, US
[72] BALL, NICOLE, US
[71] AMGEN INC., US
[85] 2019-04-16
[86] 2017-10-19 (PCT/US2017/057472)
[87] (WO2018/075818)
[30] US (62/411,458) 2016-10-21

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[13] A1
[51] **Int.Cl. E21B 43/263 (2006.01) F42B 3/04 (2006.01) F42D 3/00 (2006.01)**
[25] EN
[54] **A STACKABLE PROPELLANT MODULE FOR GAS GENERATION**
[54] **MODULE DE CHARGE DE POUDRE EMPILABLE DESTINE A UNE GENERATION DE GAZ**
[72] BURKY, THOMAS EARL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-04-16
[86] 2016-12-28 (PCT/US2016/069001)
[87] (WO2018/125102)

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[13] A1
[51] **Int.Cl. A01K 1/03 (2006.01)**
[25] EN
[54] **METABOLIC CAGING**
[54] **CAGES METABOLIQUES**
[72] CONGER, DEE L., US
[72] MCGUFFIE, FRANCESCA, US
[71] INNOVIVE, INC., US
[85] 2019-04-16
[86] 2017-10-26 (PCT/US2017/058547)
[87] (WO2018/081434)
[30] US (62/414,611) 2016-10-28
[30] US (62/567,969) 2017-10-04

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[13] A1
[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/60 (2006.01) C09K 8/74 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **ACID EMULSIFIER TECHNOLOGY FOR CONTINUOUS MIXED EMULSIFIED ACID SYSTEMS**
[54] **TECHNOLOGIE D'EMULSIFIANT ACIDE POUR SYSTEMES D'ACIDE EMULSIFIES MELANGES EN CONTINU**
[72] SMITH, KERN L., US
[72] SHIMEK, NICOLE, US
[72] MOJICA, NADIA M., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2019-04-16
[86] 2017-09-01 (PCT/US2017/049848)
[87] (WO2018/075147)
[30] US (62/408,972) 2016-10-17

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[13] A1
[51] **Int.Cl. F16D 41/12 (2006.01) F16D 41/064 (2006.01) F16D 41/08 (2006.01) F16D 41/16 (2006.01)**
[25] EN
[54] **SELF-SYNCHRONIZING CLUTCH**
[54] **EMBRAYAGE A SYNCHRONISATION AUTOMATIQUE**
[72] STOLTZE, DAVID PEARSON, US
[72] CHRISTIANSEN, ERIK RAYMOND, US
[71] WARNER ELECTRIC TECHNOLOGY LLC, US
[85] 2019-04-16
[86] 2017-11-13 (PCT/US2017/061309)
[87] (WO2018/093722)
[30] US (62/423,230) 2016-11-17

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[13] A1
[51] **Int.Cl. C09K 8/44 (2006.01) C08L 35/00 (2006.01) C09K 8/508 (2006.01) C09K 8/512 (2006.01)**
[25] EN
[54] **CONTROLLING GEL TIMES OF REMEDIAL AQUEOUS RESIN COMPOSITIONS FOR SEALING OFF FLOW CHANNELS**
[54] **REGULATION DES TEMPS DE GELIFICATION DE COMPOSITIONS REPARATRICES DE RESINE AQUEUSE POUR OBTURER DES CANAUX D'ECOULEMENT**
[72] REDDY, B. RAGHAVA, US
[72] HILFIGER, MATTHEW GARY, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-04-16
[86] 2017-11-01 (PCT/US2017/059534)
[87] (WO2018/085402)
[30] US (62/417,656) 2016-11-04

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[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61K 9/16 (2006.01) A61K 47/34 (2017.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS OF DELIVERING A NEUROPROTECTIVE POLYPEPTIDE TO THE CENTRAL NERVOUS SYSTEM**
[54] **PROCEDES D'ADMINISTRATION D'UN POLYPEPTIDE NEUROPROTECTEUR AU SYSTEME NERVEUX CENTRAL**
[72] KIM, DONG SEOK, US
[72] KIM, HEE KYUNG, KR
[72] GREIG, NIGEL H., US
[71] PEPTRON, INC., KR
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2019-04-16
[86] 2017-10-20 (PCT/US2017/057606)
[87] (WO2018/075901)
[30] US (62/410,748) 2016-10-20

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/6851 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING OR QUANTIFYING HEPATITIS C VIRUS**
[54] **COMPOSITIONS ET METHODES DE DETECTION OU QUANTIFICATION DU VIRUS DE L'HEPATITE C**
[72] MIICK, SIOBHAN, US
[72] DARBY, PAUL M., US
[72] JACKSON, JO A., US
[72] AUBIN, SHEILA M.J., US
[71] GEN-PROBE INCORPORATED, US
[85] 2019-04-16
[86] 2017-10-18 (PCT/US2017/057178)
[87] (WO2018/075633)
[30] US (62/410,188) 2016-10-19

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[13] A1
[51] **Int.Cl. C09K 8/44 (2006.01) C08L 35/00 (2006.01) C09K 8/508 (2006.01) C09K 8/512 (2006.01)**
[25] EN
[54] **WATER-BASED SEALING COMPOSITIONS WITH AMINOSILANE CROSSLINKERS**
[54] **COMPOSITIONS D'ETANCHEITE A BASE D'EAU PRESENTANT DES AGENTS DE RETICULATION AMINOSILANES**
[72] REDDY, B. RAGHAVA, US
[72] HILFIGER, MATTHEW GARY, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-04-16
[86] 2017-11-01 (PCT/US2017/059537)
[87] (WO2018/085404)
[30] US (62/417,773) 2016-11-04

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[72] FOLLETT, GARY, US
[72] FILLMORE, ROBERT L., US
[72] EVJU, JON K., US
[71] CARRIER CORPORATION, US
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[54] **ENHANCED COMMON MODE CURRENT REDUCTION IN THREE-PHASE INDUCTORS, TRANSFORMERS, AND MOTOR DRIVE SYSTEMS**
[54] **REDUCTION AMELIOREE DE COURANT DE MODE COMMUN DANS DES BOBINES D'INDUCTION TRIPHASEES, DES TRANSFORMATEURS ET DES SYSTEMES D'ENTRAINEMENT DE MOTEUR**
[72] PAGENKOPF, KENNETH EDWARD, US
[71] HUBBELL INCORPORATED, US
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[54] **TREATMENT OF HER2-POSITIVE BREAST CANCER**
[54] **TRAITEMENT DU CANCER DU SEIN HER2-POSITIF**
[72] DOUTHWAITE, HANNAH, CH
[72] WALDRON-LYNCH, MAEVE, CH
[72] BRADLEY, DENISE, CH
[72] ENG-WONG, JENNIFER, CH
[71] GENENTECH, INC., US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMBINATION THERAPY OF A CELL BASED THERAPY AND A MICROGLIA INHIBITOR**
[54] **POLYTHERAPIE DE THERAPIE CELLULAIRE ET D'INHIBITEUR DE LA MICROGLIE**
[72] LEVITSKY, HYAM I., US
[71] JUNO THERAPEUTICS, INC., US
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[54] **MULTIMODAL SURGICAL GAS DELIVERY SYSTEM CONFIGURED TO MAINTAIN STABLE BODY CAVITY PRESSURE WHEN SUCTION IS USED IN THE BODY CAVITY**
[54] **SYSTEME DE DISTRIBUTION DE GAZ CHIRURGICAL MULTIMODAL CONFIGURE POUR MAINTENIR UNE PRESSION DE CAVITE CORPORELLE STABLE LORSQU'UNE ASPIRATION EST UTILISEE DANS LA CAVITE CORPORELLE**
[72] SILVER, MIKIYA, US
[72] TRUTZA, GEORGE R., US
[72] KANE, MICHAEL J., US
[71] CONMED CORPORATION, US
[85] 2019-04-16
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[54] **COMBINATION THERAPY FOR C3 INHIBITION**
[54] **POLYTHERAPIE POUR L'INHIBITION DE C3**
[72] FRANCOIS, CEDRIC, US
[71] APELLIS PHARMACEUTICALS, INC., US
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[54] **HALOGENATED LITHIUM ION-BASED ENERGY STORAGE DEVICE AND RELATED METHOD**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE A BASE D'IONS LITHIUM HALOGENE ET PROCEDE ASSOCIE**
[72] ZHANG, YINZHI, US
[71] ALBEMARLE CORPORATION, US
[85] 2019-04-16
[86] 2017-12-28 (PCT/US2017/068621)
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[54] **SUBSTITUTED PYRIDINONE-CONTAINING TRICYCLIC COMPOUNDS, AND METHODS USING SAME**
[54] **COMPOSES TRICYCLIQUES CONTENANT DE LA PYRIDINONE SUBSTITUEE, ET PROCEDES LES UTILISANT**
[72] GOTCHEV, DIMITAR B., US
[72] DORSEY, BRUCE D., US
[72] KAKARLA, RAMESH, US
[72] BI, YINGZHI, US
[72] NGUYEN, DUYAN, US
[72] CHEN, SHUAI, US
[72] WOOD, MARK CHRISTOPHER, CA
[72] BAILEY, LAUREN DANIELLE, US
[72] HOLLAND, RICHARD JAMES, CA
[71] ARBUTUS BIOPHARMA CORPORATION, CA
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[54] **MULTIMODAL SURGICAL GAS DELIVERY SYSTEM HAVING CONTINUOUS PRESSURE MONITORING OF A CONTINUOUS FLOW OF GAS TO A BODY CAVITY**
[54] **SYSTEME DE DISTRIBUTION DE GAZ CHIRURGICAL MULTIMODAL AYANT UNE SURVEILLANCE DE PRESSION CONTINUE D'UN FLUX CONTINU DE GAZ VERS UNE CAVITE CORPORELLE**
[72] SILVER, MIKIYA, US
[71] CONMED CORPORATION, US
[85] 2019-04-16
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[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01)**
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[54] **ADDITIVE MANUFACTURING WITH HEAT-FLEXED MATERIAL FEEDING**
[54] **FABRICATION ADDITIVE AVEC ALIMENTATION EN MATERIAU ASSOUPLI A LA CHALEUR**
[72] MARK, GREGORY THOMAS, US
[71] MARKFORGED, INC., US
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[87] (WO2018/106733)
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[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR THE TREATMENT OF CANCER**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES POUR LE TRAITEMENT DU CANCER**
[72] HOFFMAN, STEVEN, US
[71] TYME, INC., US
[85] 2019-04-16
[86] 2017-11-15 (PCT/US2017/061682)
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[54] **CHANNEL ACCESS FOR A MIXED NUMEROLOGY CARRIER**
[54] **ACCES A UN CANAL POUR UNE PORTEUSE A NUMEROLOGIE MIXTE**
[72] SUN, JING, US
[72] LUO, TAO, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
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[54] **IMPROVED STIMULATION USING FIBER-DERIVED INFORMATION AND FRACTURING MODELING**
[54] **STIMULATION AMELIOREE A L'AIDE D'INFORMATIONS DERIVEES DE FIBRES ET MODELISATION DE FRACTURATION**
[72] LE CALVEZ, JOEL, US
[72] SOBERNHEIM, DAVID, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **STORE POUR FENETRE**
[72] HUANG, CHIN-TIEN, TW
[72] HUANG, CHIEN-LAN, TW
[71] TEH YOR CO., LTD., CN
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[54] **VEHICLE HAVING NON-AXIAL DRIVE AND STABILIZATION SYSTEM**
[54] **VEHICULE COMPORTANT UN SYSTEME D'ENTRAINEMENT ET DE STABILISATION NON AXIAL**
[72] SCHNAPP, JEFFREY T., US
[72] LYNN, GREGORY STEWART, US
[72] ELVANDER, JOSHUA ELDRED, US
[72] HOFFMAN, SASHA PRIYA, US
[72] MALGHAN, SUHAS SUBHASCHANDRA, US
[72] EKMEKJIAN, NAZARETH V., US
[72] KOTELOVA, ROSSITZA DIMITROVA, US
[72] ALTRINGER, BETHANNE, US
[72] BROMLEY, JAMAR A., US
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[54] **SINTERING ADDITIVELY MANUFACTURED PARTS WITH A DENSIFICATION LINKING PLATFORM**
[54] **FRITTAGE DE PIECES FABRIQUEES DE MANIERE ADDITIVE AVEC UNE PLATEFORME DE LIAISON PAR DENSIFICATION**
[72] MARK, GREGORY THOMAS, US
[71] MARKFORGED, INC., US
[85] 2019-04-16
[86] 2017-12-01 (PCT/US2017/064298)
[87] (WO2018/102739)
[30] US (62/429,711) 2016-12-02
[30] US (62/430,902) 2016-12-06
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[54] **METHODS OF IDENTIFYING SOMATIC MUTATIONAL SIGNATURES FOR EARLY CANCER DETECTION**
[54] **PROCEDES D'IDENTIFICATION DE SIGNATURES MUTATIONNELLES SOMATIQUES POUR LA DETECTION PRECOCE DU CANCER**
[72] VENN, OLIVER CLAUDE, US
[71] GRAIL, INC., US
[85] 2019-04-16
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[54] **MONOLITHIC ASSEMBLY OF REFLECTIVE SPATIAL HETERODYNE SPECTROMETER**
[54] **ENSEMBLE MONOLITHIQUE FORMANT SPECTROMETRE HETERODYNE SPATIAL REFLECHISSANT**
[72] HOSSEINI, SEYEDEH SONA, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **FILM TO FILM PACKAGING SOLUTION FOR STERILIZED POLYOLEFIN-BASED NONWOVEN FABRIC PRODUCTS**
[54] **SOLUTION D'EMBALLAGE DE FILM A FILM POUR PRODUITS EN ETOFFE NON TISSEE A BASE DE POLYOLEFINE STERILISEE**
[72] MANNION, GAVIN H., US
[72] SCHORR, PHILLIP A., US
[72] ELLSWOOD, MARK R., US
[72] BLUM, STEFAN L., US
[72] FANTUZ, JACOB J., US
[72] SMITH, AARON D., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
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[54] **SELECTION DE SEXE PAR SOLLICITATION**
[72] PFISTERSHAMMER, JOSEF, AU
[71] BIASSEX PTY LTD, AU
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[54] **DISPOSITIF MEDICAL POUR DETECTION ET/OU STIMULATION DE TISSU**
[72] OXLEY, THOMAS J., US
[72] OPIE, NICHOLAS L., AU
[72] RIND, GIL S., AU
[72] RONAYNE, STEPHEN, AU
[72] JOHN, SAM E., AU
[72] MAY, CLIVE N., AU
[72] GRAYDEN, DAVID, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
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[54] **NON-BIOHAZARDOUS SOLUTIONS AND METHODS FOR TESTING ANALYSERS**
[54] **SOLUTIONS SANS RISQUE BIOLOGIQUE ET PROCEDES POUR TESTER LES ANALYSEURS**
[72] CHATELIER, RONALD, AU
[72] NEWMAN, PETER MICHAEL, AU
[71] UNIVERSAL BIOSENSORS PTY LTD, AU
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[54] **FIBRE OPTIC ASSEMBLY**
[54] **ENSEMBLE DE FIBRES OPTIQUES**
[72] PRATTEN, PETER, AU
[72] ALAMEH, KAMAL, AU
[71] LAZCATH PTY LTD, AU
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[54] **BALLON DE JEU A MULTIPLE USAGE**
[72] ROSERENS, PASCAL, CH
[71] QUACECI, PIERO, CH
[71] LATO, MICHAL, CH
[71] ROSERENS, PASCAL, CH
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS RELATING TO IN SITU DIFFERENTIATION BETWEEN VIRAL AND NON-VIRAL INFECTIONS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES RELATIFS A LA DIFFERENCIATION IN SITU ENTRE LES INFECTIONS VIRALES ET NON VIRALES**
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[71] YES BIOTECHNOLOGY INC., CA
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[54] **MATERIAU D'ETANCHEITE**
[72] LEDWITH, DEIRDRE, IE
[72] VAISSAUD, LAURA, FR
[72] DOHERTY, MICHAEL, IE
[72] HOULIHAN, JAMES, IE
[72] KNEAFSEY, BRENDAN, IE
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[54] **CANNE DE PRELEVEMENT DE FLUIDE**
[72] SOURICE, LOUIS, FR
[72] GIRAUDET, SAMUEL, FR
[71] EXCELLENCE LOGGING FRANCE, FR
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[54] **FACE AUTHENTICATION TO MITIGATE SPOOFING**
[54] **AUTHENTIFICATION FACIALE PERMETTANT D'ATTENUER LA MYSTIFICATION**
[72] GANONG, RAY, CA
[72] DOLEJS, JAKUB, GB
[72] WYSOCKI, TOMASZ, CA
[72] STUDHOLME, CHRIS, CA
[72] WAUGH, DONALD CRAIG, CA
[71] APPLIED RECOGNITION INC., CA
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[30] US (15/298,937) 2016-10-20

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[25] EN
[54] **AGROCHEMICAL CONCENTRATES CONTAINING ALKYL POLYGLUCOSIDE AND NON-IONIC SURFACTANT**
[54] **CONCENTRES AGROCHIMIQUES CONTENANT UN POLYGLUCOSIDE D'ALKYLE ET UN TENSIOACTIF NON IONIQUE**
[72] BELL, GORDON ALASTAIR, GB
[72] PERRIN, RENAUD, GB
[72] THOMSON, NIALL RAE, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2019-04-17
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[30] GB (1618479.8) 2016-11-02

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[54] **PROCEDE ET APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] HANAFIALAMDARI, HAMED, CA
[71] NOVARESP TECHNOLOGIES INC., CA
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[54] **COMMANDE INTERACTIVE D'UNE MACHINE DOTEE D'UN RETOUR D'INFORMATION SUR UN PARAMETRE DE REGLAGE**
[72] DUFFNER, EBERHARD, DE
[72] FAULHABER, WERNER, DE
[71] ARBURG GMBH + CO KG, DE
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[54] **UNITE D'ASSISE CONVERTIBLE ET AGENCEMENT D'ASSISE**
[72] LEE, JAMES SHING HIN, CN
[71] LEE, JAMES SHING HIN, CN
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[54] **LASER-INDUCED BREAKDOWN SPECTROSCOPY SYSTEM AND METHOD, AND DETECTION SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME ET PROCEDE DE SPECTROSCOPIE PAR CLAQUAGE LASER, AINSI QUE SYSTEME ET PROCEDE DE DETECTION ASSOCIES**
[72] BOUCHARD, PAUL, CA
[72] SABSABI, MOHAMAD, CA
[72] PADIOLEAU, CHRISTIAN, CA
[72] HEON, RENE, CA
[72] HARDMAN, PETER JOHN, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **METHOD FOR DETERMINATION OF AN ANALYTE CONCENTRATION IN A BODY FLUID AND ANALYTE CONCENTRATION MEASUREMENT DEVICE**
[54] **PROCEDE DE DETERMINATION D'UNE CONCENTRATION D'ANALYTE DANS UN LIQUIDE ORGANIQUE ET DISPOSITIF DE MESURE DE CONCENTRATION D'ANALYTE**
[72] HUELLEN, VOLKER, DE
[72] BERG, MAX, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-04-17
[86] 2017-10-24 (PCT/EP2017/077137)
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[25] EN
[54] **METERING DEVICE AND METHOD FOR OPERATION THEREOF**
[54] **DISPOSITIF DE DOSAGE ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
[72] BORNMANN, GERD, DE
[72] WALTER, JENS, DE
[71] ALS AUTOMATED LAB SOLUTIONS GMBH, DE
[85] 2019-04-17
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[54] **PREPARATION METHOD FOR AND INTERMEDIATE OF PYRROLO SIX-MEMBERED HETEROAROMATIC RING DERIVATIVE**
[54] **PROCEDE DE PREPARATION ET INTERMEDIAIRE D'UN DERIVE DE NOYAU HETEROAROMATIQUE A SIX CHAINONS DE PYRROLO**
[72] LIU, BING, CN
[72] BIAN, LIN, CN
[72] GAO, XIAOHUI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2019-04-17
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[54] **CONVERTIBLE SEATING UNIT AND SEATING ARRANGEMENT**
[54] **UNITE D'ASSISE CONVERTIBLE ET AGENCEMENT D'ASSISE**
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[71] BUTTERFLY FLEXIBLE SEATING SOLUTIONS LIMITED, CN
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[54] **DISPOSITIF PERMETTANT DE DETERMINER DES CARACTERISTIQUES D'UNE PERSONNE**
[72] KUCUKCAYIR, ALI, DE
[72] HOHMANN, JURGEN, DE
[71] BAYER BUSINESS SERVICES GMBH, DE
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[86] 2017-10-13 (PCT/EP2017/076177)
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[25] EN
[54] **POLYESTER COMPOSITION, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **COMPOSITION DE POLYESTER, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] ZHENG, CUI, CN
[72] ZHU, GUIXIANG, CN
[72] LIU, LIZHI, CN
[72] ZHANG, WEI, CN
[72] YAO, XUERONG, CN
[72] REN, MINQIAO, CN
[72] HAN, LING, CN
[72] REN, YI, CN
[72] CHEN, NAN, CN
[72] SHI, YING, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM FOR SELECTIVELY INFORMING A PERSON**
[54] **SYSTEME POUR INFORMER UNE PERSONNE DE MANIERE CIBLEE**
[72] KUCUKCAYIR, ALI, DE
[72] HOHMANN, JURGEN, DE
[71] BAYER BUSINESS SERVICES GMBH, DE
[85] 2019-04-17
[86] 2017-10-13 (PCT/EP2017/076180)
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[25] EN
[54] **POLYESTER COMPOSITION AND PREPARATION METHOD THEREFOR**
[54] **COMPOSITION DE POLYESTER ET PROCEDE DE PREPARATION ASSOCIE**
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[72] ZHU, GUIXIANG, CN
[72] LIU, LIZHI, CN
[72] ZHANG, WEI, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
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[25] EN
[54] **CUTTER WHEEL, CUTTER DISC AS WELL AS CUTTER ASSEMBLY SUITABLE FOR GRINDER PUMPS**
[54] **ROUE DE COUPE, DISQUE DE COUPE ET ENSEMBLE DE COUPE CONCU POUR DES POMPES BROYEUSES**
[72] BACKE, JAN, SE
[71] XYLEM EUROPE GMBH, CH
[85] 2019-04-17
[86] 2017-10-16 (PCT/EP2017/076266)
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[25] EN
[54] **METHOD OF PREPARING BATTERY ANODE SLURRIES**
[54] **PROCEDE DE PREPARATION DE SUSPENSIONS CONCENTREES D'ANODE DE BATTERIE**
[72] HO, KAM PIU, CN
[72] WANG, RANSHI, CN
[72] SHEN, PEIHUA, CN
[72] JIANG, YINGKAI, CN
[71] GRST INTERNATIONAL LIMITED, CN
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[13] A1
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[25] FR
[54] **MULTIFUNCTIONAL AIRCRAFT LANDING LIGHT WITH STATIC FUNCTION SWITCHING**
[54] **PROJECTEUR DE PISTE MULTIFONCTIONS A COMMUTATION DE FONCTIONS STATIQUE POUR AERONEF**
[72] MILLET, PHILIPPE, FR
[72] DOULE, CLAUDE, FR
[72] TSAO, CHRISTIAN, FR
[71] ZODIAC AERO ELECTRIC, FR
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **INDUCTIVE HEATING ARRANGEMENT**
[54] **AGENCEMENT DE CHAUFFAGE INDUCTIF**
[72] KAUFMAN, DUANE, GB
[72] BLANDINO, THOMAS P, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2019-04-17
[86] 2017-10-19 (PCT/EP2017/076771)
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[51] **Int.Cl. H04L 12/753 (2013.01) H04L 12/721 (2013.01)**
[25] EN
[54] **FLAT DATA ROUTING CHAIN**
[54] **CHAINE PLATE DE ROUTAGE DE DONNEES**
[72] LEVI, DINOR ADAM VESTERGAARD, ES
[72] HALPERIN, ARIK, IL
[72] TRABELSI, YARIV, IL
[71] LEVI, DINOR ADAM VESTERGAARD, ES
[85] 2019-04-17
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[13] A1
[51] **Int.Cl. C12M 3/00 (2006.01) C12G 1/02 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **FERMENTATION AND/OR STORING TANK**
[54] **CUVE DE FERMENTATION ET/OU DE STOCKAGE**
[72] CROSATO, BRUNO, IT
[71] NOFORM SRL, IT
[85] 2019-04-17
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[51] **Int.Cl. E04B 1/58 (2006.01) E04B 1/26 (2006.01)**
[25] EN
[54] **METAL JOINT AND PANEL JOINING METHOD**
[54] **RACCORD D'ARTICULATION ET PROCEDE DE RACCORDEMENT DE PANNEAUX**
[72] ADACHI, HIROYUKI, JP
[71] SHELTER CO., LTD., JP
[85] 2019-04-17
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[30] JP (2016-204717) 2016-10-18

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[13] A1
[51] **Int.Cl. G01S 13/74 (2006.01) F41G 7/22 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING AND/OR TRACKING A PROJECTILE**
[54] **PROCEDES ET SYSTEMES DE DETECTION ET/OU DE SUIVI DE PROJECTILE**
[72] FRENKEL, NOAM, IL
[72] STEINMETZ, JOSEF, IL
[71] ELTA SYSTEMS LTD., IL
[85] 2019-04-17
[86] 2017-11-14 (PCT/IL2017/051236)
[87] (WO2018/087770)
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[51] **Int.Cl. C12N 5/0783 (2010.01) A01K 67/027 (2006.01) A61K 35/12 (2015.01)**
[25] EN
[54] **METHODS OF T-LYMPHOCYTE EXPANSION**
[54] **PROCEDES D'AMPLIFICATION DE LYMPHOCYTES T**
[72] JOHNSON, RANDALL, GB
[72] PALAZON GARCIA, FRANCISCO DE ASIS, GB
[72] TYRAKIS, PETROS ANDREAS, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **INDUCTIVELY HEATED AEROSOL-GENERATING DEVICE COMPRISING A REUSABLE SUSCEPTOR**
[54] **DISPOSITIF DE GENERATION D'AEROSOL CHAUFFE PAR INDUCTION COMPRENANT UN MATERIAU INTERACTIF REUTILISABLE**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-17
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[51] **Int.Cl. D01F 9/17 (2006.01) C04B 35/83 (2006.01) D01F 9/16 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING CARBON FIBRES FROM BIOSOURCED PRECURSORS AND CARBON FIBRES PRODUCED**
[54] **PROCEDE DE FABRICATION DE FIBRES DE CARBONE A PARTIR DE PRECURSEURS BIOSOURCES ET FIBRES DE CARBONE OBTENUES**
[72] KORZHENKO, ALEXANDER, FR
[72] KOLOMIETS, TATIANA, RU
[71] ARKEMA FRANCE, FR
[85] 2019-04-17
[86] 2017-10-26 (PCT/FR2017/052952)
[87] (WO2018/078288)
[30] FR (1660540) 2016-10-28

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[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SELECTIVE INHIBITOR OF EXON 20 INSERTION MUTANT EGFR**
[54] **INHIBITEUR SELECTIF DE L'EGFR MUTANT PAR INSERTION DE L'EXON 20**
[72] MIYADERA, KAZUTAKA, JP
[72] AOYAGI, YOSHIMI, JP
[72] HASAKO, SHINICHI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2019-04-17
[86] 2017-10-13 (PCT/JP2017/037186)
[87] (WO2018/079310)
[30] JP (2016-213072) 2016-10-31

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[51] **Int.Cl. A61K 31/565 (2006.01) A61K 31/585 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANAGEMENT OF DYSMENORRHEA AND MENSTRUAL PAIN**
[54] **METHODE DE PRISE EN CHARGE DE LA DYSMENORRHEE ET DES DOULEURS MENSTRUELLES**
[72] JOST, MAUD, BE
[72] RAUSIN, GLWADYS, BE
[71] ESTETRA SPRL, BE
[85] 2019-04-17
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[51] **Int.Cl. F16L 37/14 (2006.01)**
[25] EN
[54] **PIPE JOINT**
[54] **RACCORD DE TUYAUX**
[72] MANNING, JOHN PATRICK, GB
[72] MITCHELL, HENRY, GB
[71] MANNING, JOHN PATRICK, GB
[71] MITCHELL, HENRY, GB
[85] 2019-04-17
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[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/113 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **SCANNING AND TRACKING MONITORING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE DE BALAYAGE ET DE SUIVI**
[72] OLESEN, OLINE VINTER, DK
[72] BENJAMINSEN, CLAUS, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2019-04-17
[86] 2016-12-14 (PCT/EP2016/081032)
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[30] EP (15199948.9) 2015-12-14

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[51] **Int.Cl. F21K 9/60 (2016.01) A01G 7/04 (2006.01) F21V 33/00 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DEVICE FOR PLANT GROWTH WITH VARIABLE WAVELENGTH USING QUANTUM DOTS**
[54] **DISPOSITIF ELECTROLUMINESCENT AYANT DES LONGUEURS D'ONDE VARIABLES UTILISANT DES POINTS QUANTIQUES POUR LA CROISSANCE DE PLANTES**
[72] YUN, CHOAMUN, KR
[71] SHERPA SPACE INC., KR
[85] 2019-04-17
[86] 2017-11-13 (PCT/KR2017/012778)
[87] (WO2018/101643)
[30] KR (10-2016-0161290) 2016-11-30

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[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/02 (2018.01) H04W 4/20 (2018.01) G06Q 30/02 (2012.01) H04M 3/00 (2006.01)**
[25] EN
[54] **UNIVERSAL TRACKING SYSTEM FOR VENDOR- CUSTOMER COMMUNICATION**
[54] **SYSTEME DE SUIVI UNIVERSEL DE COMMUNICATION VENDEUR-CLIENT**
[72] LYSETTI, SREENIVAS, CA
[72] KARANDIKAR, KAUSTUBH, IN
[71] PRORIGO SOFTWARE PVT. LTD., IN
[71] PRORIGO SOFTWARE CANADA LTD., CA
[85] 2019-04-17
[86] 2017-10-20 (PCT/IN2017/050486)
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[30] IN (201621032467) 2016-10-23

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[51] **Int.Cl. A45D 8/34 (2006.01) A41G 5/00 (2006.01) A45D 8/38 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO HAIR ACCESSORIES**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES ACCESSOIRES POUR CHEVEUX**
[72] JOHNSON, HANNAH, GB
[71] JOHNSON, HANNAH, GB
[85] 2019-04-17
[86] 2017-09-20 (PCT/EP2017/073785)
[87] (WO2018/054978)
[30] GB (1615984.0) 2016-09-20
[30] GB (1621822.4) 2016-12-21

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[13] A1
[51] **Int.Cl. C07C 67/343 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE PRODUCTION OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACID ESTERS AND A CATALYST THEREFOR**
[54] **PROCEDE DE PRODUCTION D'ESTERS D'ACIDE CARBOXYLIQUE ETHYLENIQUEMENT INSATURES ET CATALYSEUR ASSOCIE**
[72] EASTHAM, GRAHAM RONALD, GB
[72] IGGO, JONATHAN AINSLEY, GB
[72] BEAUMONT, MICHAEL, GB
[71] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2019-04-17
[86] 2017-10-11 (PCT/GB2017/053075)
[87] (WO2018/069702)
[30] GB (1617534.1) 2016-10-14

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[13] A1
[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL TREATMENT**
[54] **TRAITEMENT DENTAIRE**
[72] SHARPE, PAUL THOMAS, GB
[71] KING'S COLLEGE LONDON, GB
[85] 2019-04-17
[86] 2017-10-20 (PCT/GB2017/053172)
[87] (WO2018/073599)
[30] GB (1617820.4) 2016-10-21

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[13] A1
[51] **Int.Cl. H01P 3/10 (2006.01) H01P 5/08 (2006.01)**
[25] EN
[54] **LAUNCHER WITH PLANAR STRIP ANTENNA AND METHODS FOR USE THEREWITH**
[54] **LANCEUR A ANTENNE A BANDE PLANE ET PROCEDES D'UTILISATION ASSOCIES**
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
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[87] (WO2018/080763)
[30] US (15/334,903) 2016-10-26

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[13] A1
[51] **Int.Cl. E04H 1/12 (2006.01) A47K 11/00 (2006.01) E03D 7/00 (2006.01)**
[25] EN
[54] **RETRACTABLE MOBILE HOUSING WITH DOOR FOR A SANITARY FACILITY AND AN ASSEMBLY OF TWO OR MORE COUPLED HOUSINGS**
[54] **LOGEMENT MOBILE RETRACTABLE PRESENTANT PORTE POUR INSTALLATION SANITAIRE ET ENSEMBLE D'AU MOINS DEUX LOGEMENTS ACCOUPLES**
[72] SCHIMMEL, MARTEN ALBERTO, NL
[71] URILIFT BEHEER B.V., NL
[85] 2019-04-17
[86] 2016-10-26 (PCT/NL2016/050741)
[87] (WO2017/074182)
[30] NL (2015663) 2015-10-26

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[54] **PROCEDE D'UTILISATION D'INTERGICIEL POUR GENERER DES DOCUMENTS DE SECURITE REPRESENTES EN GRAPHISME VECTORIEL**
[72] FINNERTY, FRED W., US
[71] HYDRA MANAGEMENT LLC, US
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[54] **VEHICULE DE TRAVAIL DOTE D'UN DISPOSITIF DE CABINE**
[72] ARAKI, CHIHIRO, JP
[71] NIHON BISOH CO., LTD., JP
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[54] **TORCH HAVING A ROTATABLE SAFETY CAP**
[54] **CHALUMEAU COMPORTANT UN CAPUCHON DE SECURITE ROTATIF**
[72] STONIS, LUKE CHRISTOPHER, US
[72] STEWART, SHEA MICHAEL, US
[72] WALTERS, CLIFF RYAN, US
[72] STAUFENBERG, DONALD JAMES, US
[71] WORTHINGTON INDUSTRIES, INC., US
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[54] **DISPOSITIF D'INSERTION PAR VOIE TRANSSEPTALE**
[72] MAINI, BRIJESHWAR S., US
[71] MAINI, BRIJESHWAR S., US
[85] 2019-04-17
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[54] **MONOCYCLIC COMPOUNDS USEFUL AS GPR120 MODULATORS**
[54] **COMPOSES MONOCYCLIQUES UTILES COMME MODULATEURS DE GPR120**
[72] RAIMUNDO, BRIAN, US
[72] KOLTUN, ELENA S., US
[72] GRIFFIN, JOHN, US
[72] STANGELAND, ERIC, US
[71] NUMERATE, INC., US
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[54] **TRAITEMENT DE SOL**
[72] PUENTE DE VERA, FERNANDO, ES
[72] LOPEZ MARTINEZ, JOSE M., ES
[72] ROVISON, JOHN M., US
[72] AN, WEIDONG, US
[71] PEROXYCHEM LLC, US
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[54] **DOWNHOLE NONLINEAR ACOUSTICS MEASUREMENTS IN ROCK FORMATIONS USING DYNAMIC ACOUSTIC ELASTICITY AND TIME REVERSAL**
[54] **MESURES ACOUSTIQUES NON LINEAIRES DE FOND DE TROU DANS DES FORMATIONS ROCHEUSES PAR ELASTICITE ACOUSTIQUE DYNAMIQUE ET INVERSION TEMPORELLE**
[72] GOODMAN, HARVEY E., US
[72] ULRICH II, TIMOTHY J., US
[72] ROBERTS, PETER M., US
[72] REMILLIEUX, MARCEL C., US
[72] JOHNSON, PAUL A., US
[72] LE BAS, PIERRE-YVES, US
[72] GUYER, ROBERT A., US
[71] TRIAD NATIONAL SECURITY, LLC, US
[71] CHEVRON U.S.A. INC., US
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[54] **SUNLIGHT CONVERSION DEVICE INCLUDING WAVELENGTH CONVERSION FILM**
[54] **DISPOSITIF DE CONVERSION DE LA LUMIERE SOLAIRE COMPRENANT UN FILM DE CONVERSION DE LONGUEUR D'ONDE**
[72] YUN, CHOA MUN, KR
[72] CHOI, WON JOON, KR
[71] SHERPA SPACE INC., KR
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[54] **AGENT ADHESIF THERMOFUSIBLE**
[72] FUJITA, CHIHO, JP
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-04-17
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[54] **COMPOSES BICYCLIQUES UTILES EN TANT QUE MODULATEURS DU GPR120**
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[72] KOLTUN, ELENA S., US
[72] GRIFFIN, JOHN, US
[72] STANGELAND, ERIC, US
[71] NUMERATE, INC., US
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[54] **TAL-EFFECTOR NUCLEASE (TALEN) -MODIFIED ALLOGENIC CELLS SUITABLE FOR THERAPY**
[54] **CELLULES ALLOGENIQUES MODIFIEES PAR UNE NUCLEASE D'EFFECTEUR TAL (TALEN) APPROPRIEES POUR UNE THERAPIE**
[72] DUCHATEAU, PHILIPPE, FR
[72] BUSSER, BRIAN, US
[72] JUILLERAT, ALEXANDRE, US
[72] GAUTRON, ANNE-SOPHIE, FR
[72] POIROT, LAURENT, FR
[71] CELLECTIS, FR
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[54] **TRANSFER METHOD PROVIDING THERMAL EXPANSION MATCHED DEVICES**
[54] **PROCEDE DE TRANSFERT FOURNISSANT DES DISPOSITIFS ADAPTES DE DILATATION THERMIQUE**
[72] DRAB, JOHN J., US
[71] RAYTHEON COMPANY, US
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[54] **METHODS FOR MANUFACTURING CAPSULES WITH INGESTIBLE EVENT MARKERS**
[54] **PROCEDES DE PREPARATION DE CAPSULES AVEC DES MARQUEURS D'EVENEMENT INGERABLES**
[72] FRANK, JEREMY, US
[72] PARGAONKAR, NIKHIL, US
[72] SCHMIDT, RAYMOND, US
[72] AZEVEDO, ROBERT, US
[72] SCHEINPFLUG, KURT, US
[72] LEIST, NIKOLAUS, US
[72] DONG, CHRIS, US
[72] PATEL, HIREN, US
[72] BJELETICH, PETER, US
[71] PROTEUS DIGITAL HEALTH, INC., US
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[54] **METHOD FOR CARRYING OUT A POLYMERASE CHAIN REACTION AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE MISE EN OEUVRE D'UNE AMPLIFICATION EN CHAINE PAR POLYMERASE ET DISPOSITIF DE MISE EN OEUVRE DU PROCEDE**
[72] BUERSGENS, FEDERICO, DE
[72] STEHR, JOACHIM, DE
[72] ULLERICH, LARS, DE
[72] OSINKINA, LIDIYA, DE
[72] RUSECKAS, EIMANTAS, DE
[71] GNA BIOSOLUTIONS GMBH, DE
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[54] **ULTRA-HIGH THROUGHPUT DETECTION OF FLUORESCENT DROPLETS USING TIME DOMAIN ENCODED OPTOFLUIDICS**
[54] **DETECTION A ULTRA HAUT DEBIT DE GOUTTELETTES FLUORESCENTES A L'AIDE D'OPTOFLUIDIQUES CODES DANS LE DOMAINE TEMPOREL**
[72] ISSADORE, DAVID, US
[72] YELLESWARAPU, VENKATA, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2019-04-17
[86] 2017-10-23 (PCT/US2017/057869)
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[54] **CONSTANT-SLOPE BITRATE ALLOCATION FOR DISTRIBUTED ENCODING**
[54] **ATTRIBUTION DE DEBIT BINAIRE A PENTE CONSTANTE POUR UN CODAGE DISTRIBUE**
[72] DE COCK, JAN, US
[72] AARON, ANNE, US
[71] NETFLIX, INC., US
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[54] **IMMUNOGLOBULINES ET UTILISATIONS DE CELLES-CI**
[72] PATCH, RAYMOND J., US
[72] ZHANG, RUI, US
[72] CASE, MARTIN A., US
[72] WALL, MARK, US
[72] ZHANG, YUE-MEI, US
[72] RANGWALA, SHAMINA M., US
[72] LEONARD, JAMES N., US
[72] CAMACHO, RAUL C., US
[72] HUNTER, MICHAEL J., US
[72] D'AQUINO, KATHARINE E., US
[72] EDWARDS, WILSON, US
[72] SWANSON, RONALD V., US
[72] JIAN, WENYING, US
[72] CHI, ELLEN, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **DUAL PRESSURE LOGIC FOR A TRACK DRILL CIRCUIT**
[54] **LOGIQUE DE PRESSION DOUBLE DE CIRCUIT DE PERFORATEUR SUR RAILS**
[72] CHIARAMONTE, MICHAEL P., US
[72] DEMICK, CHRISTOPHER J., US
[71] CATERPILLAR INC., US
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[54] **NOVEL PLANT-GROWTH PROMOTING BACTERIA AND THE USE THEREOF**
[54] **NOUVELLES BACTERIES FAVORISANT LA CROISSANCE DES PLANTES ET UTILISATION ASSOCIEE**
[72] CORDOVEZ DA CUNHA, VIVIANE, NL
[72] HANSSEN, INGE, BE
[72] DE CEUSTER, TOM JOZEF JUSTINE, BE
[72] CARRION-BRAVO, VICTOR JOSE, NL
[72] RAAIJMAKERS, JOSEPHUS MARIA, NL
[71] DCM DE CEUSTER MESTSTOFFEN NV, BE
[71] NEDERLANDS INSTITUUT VOOR ECOLOGIE VAN DE KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN (NIOO-KNAW), NL
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[54] **BROMODOMAIN AND EXTRA-TERMINAL PROTEIN INHIBITOR COMBINATION THERAPY**
[54] **POLYTHERAPIE PAR INHIBITEUR DE PROTEINE A BROMODOMAINE ET DOMAINE EXTRA-TERMINAL**
[72] CHO, ROBERT, US
[72] STAFFORD, JEFFREY ALAN, US
[71] CELGENE QUANTICEL RESEARCH, INC., US
[85] 2019-04-17
[86] 2017-10-26 (PCT/US2017/058614)
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[54] **AMUSEMENT RIDE**
[54] **MANEGE**
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[72] CUMMINS, HARRY ROBERT JOHN, NZ
[71] SKYSURFER INTERNATIONAL LIMITED, NZ
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[54] **PROGRAMME DE COMMANDE D'ENTRETIEN**
[72] KOSHAK, JOHN W., US
[72] SWETT, DANIEL C., US
[72] SMITH, KENNETH J., US
[71] EMCP1, LLC, US
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[25] EN
[54] **FLOW BATTERIES HAVING AN ELECTRODE WITH DIFFERING HYDROPHILICITY ON OPPOSING FACES AND METHODS FOR PRODUCTION**
[54] **BATTERIES A FLUX AYANT UNE ELECTRODE A HYDROPHILIE DIFFERENTE SUR SES FACES OPPOSEES ET LEURS PROCEDES DE PRODUCTION**
[72] LORETZ, JEREMY, US
[72] PURANAM, SRIVATSAVA VENKATARANGA, US
[72] VANBENSCHOTEN, HELEN ELIZABETH, US
[71] LOCKHEED MARTIN ENERGY, LLC, US
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[54] **COMMUNICATION SET-UP FOR WIRELESS COMMUNICATION AND METHOD FOR CONTROLLING SUCH A COMMUNICATION SET-UP**
[54] **SYSTEME DE COMMUNICATION DESTINE A LA COMMUNICATION SANS FIL ET PROCEDE DE COMMANDE D'UN TEL SYSTEME DE COMMUNICATION**
[72] ULLMANN, STEFAN, DE
[72] HOLTZ, GERALD, DE
[72] BECKER, RAINER, DE
[71] ROBERT BOSCH GMBH, DE
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[54] **COMPOSITION ORALE A PHASES MULTIPLES POUR SOINS BUCCO-DENTAIRES**
[72] RAJAIAH, JAYANTH, US
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **REACTIFS DE CLIVAGE CONTENANT DU THIOL ET LAVAGE OXYDATIF**
[72] MARMA, MONG SANO, US
[72] ANDRUZZI, LUISA, US
[72] MCNALLY, BEN, US
[72] DELUCIA, ANGELA, US
[72] HEVRONI, DONA, US
[72] CARPENTER, ELIZABETH, US
[72] BESEV, MAGNUS, US
[71] QIAGEN SCIENCES, LLC, US
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[54] **TUBE CATALYTIQUE POUR LE REFORMAGE**
[72] FARACE, ANTONIO, NL
[72] WALSPURGER, STEPHANE, NL
[71] TECHNIP FRANCE, FR
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[25] EN
[54] **METHOD FOR PRODUCTION OF FILLER LOADED SURFACE ENHANCED PULP FIBERS**
[54] **PROCEDE DE PRODUCTION DE FIBRES DE PATE AMELIOREES A SURFACE CHARGEE PAR UNE CHARGE**
[72] PANDE, HARSHAD, CA
[72] MARCOCCIA, BRUNO, US
[71] DOMTAR PAPER COMPANY, LLC, US
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[54] **PRODRUGS OF KALLIKREIN INHIBITORS**
[54] **PROMEDICAMENTS D'INHIBITEURS DE LA KALLICREINE**
[72] KOTIAN, PRAVIN L., US
[72] BABU, YARLAGADDA S., US
[72] KUMAR, V. SATISH, US
[72] CHINTAREDDY, VENKAT R., US
[72] ZHANG, WEIHE, US
[72] VOGETI, LAKSHMINARAYANA, US
[71] BIOCRYST PHARMACEUTICALS, INC., US
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[30] US (62/415,202) 2016-10-31

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[54] **COMPOSITIONS FOR ENHANCED OIL RECOVERY**
[54] **COMPOSITIONS POUR RECUPERATION AMELIOREE DE PETROLE**
[72] PHAN, TRI, US
[72] NGUYEN, DUY T., US
[72] PHAN, JENNY L., US
[72] HSU, TZU-PING, US
[71] ECOLAB USA INC., US
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[72] AUGUSTYN, CHRISTINA, US
[72] TODD, RUSSELL J., US
[72] VISCONTI, PETER L., US
[72] BUDORICK, HEATHER M., US
[72] SACRAMENTO, LYNN, US
[71] HOLLISTER INCORPORATED, US
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[54] **ENSEMBLE ACCUMULATEUR CONCU POUR UN CONSOMMATEUR ET SYSTEME D'ACCUMULATEUR**
[72] MADER, TOBIAS, DE
[71] MADER, TOBIAS, DE
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[54] **MELANGES DE PVC PLASTIFIES AVEC DES MACROMOLECULES MODIFIANT LA SURFACE ET ARTICLES FABRIQUES A PARTIR DE CEUX-CI**
[72] CHANG, WEILUN, US
[72] HO, JEANNETTE, CA
[72] MULLICK, SANJOY, CA
[72] SANTERRE, J. PAUL, CA
[71] INTERFACE BIOLOGICS, INC., CA
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[72] FINNERTY, FRED W., US
[71] HYDRA MANAGEMENT LLC, US
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[54] **DETECTION DE CORROSION ET DE FISSURES POUR ECROUS DE FIXATION**
[72] BUENO, MANUEL K., US
[72] SHAFFER, ROBERT, US
[72] LAMBERTON, GARY, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ANTI-TAU NANOBODIES**
[54] **NANOCORPS ANTI-TAU**
[72] FAGRET, DANIEL, FR
[72] MOULIN, MARCELLE, FR
[72] GHEZZI, CATHERINE, FR
[72] PERRET, PASCALE, FR
[72] CHIERICI, SABINE, FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE ALPES, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **METHOD OF PREPARING A MOLECULAR CATALYST**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR MOLECULAIRE**
[72] MUNRO, IAN M., US
[72] KUHLMAN, ROGER L., US
[72] PADILLA-ACEVEDO, ANGELA I., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **LYMPHOCYTES INFILTRANT LES TUMEURS ET METHODES DE THERAPIE**
[72] MORIARITY, BRANDEN, US
[72] WEBBER, BEAU, US
[72] CHOUDHRY, MODASSIR, US
[72] ROSENBERG, STEVEN A., US
[72] PALMER, DOUGLAS C., US
[72] RESTIFO, NICHOLAS P., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[71] INTIMA BIOSCIENCE, INC., US
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[54] **SYSTEME DE CHARGEMENT DE SUBSTRAT**
[72] PATTERSON, ROY, US
[72] AHAMED, YASEER A., US
[71] MOLECULAR IMPRINTS, INC., US
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[54] **USER EQUIPMENTS, BASE STATIONS, AND METHODS**
[54] **EQUIPEMENTS UTILISATEUR, STATIONS DE BASE ET PROCEDES**
[72] NOGAMI, TOSHIZO, US
[72] YIN, ZHANPING, US
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **ECHAFAUDAGE FIBRILLAIRE POREUX ALIGNE POUR INGENIERIE TISSULAIRE ET APPLICATION CHIRURGICALE**
[72] HOERSTRUP, SIMON PHILIPP, CH
[72] HOSSEINI, SEYEDVAHID, CH
[72] VOGEL, VIOLA, CH
[71] ETH ZURICH, CH
[71] UNIVERSITAT ZURICH, CH
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[54] **CONSTRUCTION DE BANDE COUPE-FEU INTUMESCENTE**
[72] HULTEEN, JOHN C., US
[72] FROST, GEORGE W., US
[72] HAFFNER, RICHARD J., US
[72] SCHMIDT, ERNST L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **BOITIER POUR BARILLET AMOVIBLE DE SERRURE**
[72] FARAG, HANNA O., US
[72] LIN, JAMES, US
[71] SPECTRUM BRANDS, INC., US
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[54] **SYSTEME DE RAYONNAGE A ETAGERES ESCAMOTABLES**
[72] TAYLOR, ROBERT JAMES, US
[72] ALEXANDER, MATTHEW D., US
[71] WALMART APOLLO, LLC, US
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[54] **METHOD AND APPARATUS FOR MEASURING A CONCENTRATION OF A GAS**
[54] **PROCEDE ET APPAREIL DE MESURE D'UNE COMPOSITION D'UN GAZ**
[72] KUNDERT, SANDRO, CH
[71] WILCO AG, CH
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[54] **PROCEDE DE REDUCTION DIRECTE ET FOUR A CUVE FAISANT APPEL A UN CONE DE DEVIATION D'ECOULEMENT ETENDU**
[72] VOELKER, BRIAN, US
[72] MICHISHITA, HARUYASU, US
[72] WRIGHT, TRAVIS, US
[71] MIDREX TECHNOLOGIES, INC., US
[85] 2019-04-17
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[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 25/28 (2006.01)**
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[54] **OXYSTEROLS AND METHODS OF USE THEREOF**
[54] **OXYSTEROLS ET LEURS PROCEDES D'UTILISATION**
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT J., US
[72] MARTINEZ BOTELLA, GABRIEL, US
[72] HARRISON, BOYD L., US
[72] GRIFFIN, ANDREW, CA
[72] LA, DANIEL, US
[71] SAGE THERAPEUTICS, INC., US
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[87] (WO2018/075698)
[30] US (62/409,768) 2016-10-18
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[54] **ANTI-PD-L1 ANTIBODIES AND VARIANTS**
[54] **ANTICORPS ANTI-PD-L1 ET VARIANTS**
[72] JIANG, WEIDONG, US
[72] LIN, PEI-HUA, US
[72] TSENG, CHI-LING, US
[71] SHANGHAI HENLIUS BIOTECH, INC., CN
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[86] 2017-10-14 (PCT/US2017/056689)
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[54] **LAYERED CONTENT SELECTION**
[54] **SELECTION DE CONTENU PAR COUCHES**
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[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **AUTOMATIC DOOR OPERATOR FOR A SWING DOOR ASSEMBLY**
[54] **DISPOSITIF DE MAN□UVRE AUTOMATIQUE DE PORTE POUR ENSEMBLE PORTE BATTANTE**
[72] SODERQVIST, SVEN-GUNNAR, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2019-04-17
[86] 2017-12-05 (PCT/EP2017/081436)
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[54] **A SUBSTITUTED BENZIMIDAZOLE DERIVATIVE AS A MODULATOR OF TNF ACTIVITY**
[54] **DERIVE DE BENZIMIDAZOLE SUBSTITUE EN TANT QUE MODULATEUR DE L'ACTIVITE DU TNF**
[72] HEER, JAG PAUL, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2019-04-17
[86] 2017-12-08 (PCT/EP2017/082092)
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[30] GB (1620948.8) 2016-12-09

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[54] **DISPENSER WITH CAP**
[54] **DISTRIBUTEUR AVEC CAPUCHON**
[72] SCHROER, DANIEL R., US
[72] BLACK, MARC S., US
[72] SCHUETTE, CHAD V., US
[72] SILER, CHRISTOPHER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CONVEX OSTOMY BARRIER**
[54] **BARRIERE DE STOMIE CONVEXE**
[72] CZAPLEWSKI, GREGORY J., US
[72] SCALISE, ANTHONY, US
[72] TRAN, TUAN, US
[72] VISCONTI, PETER L., US
[72] NIELSEN, KENNETH, US
[72] LUGENBILL, JON Z., US
[72] MARCH, DANIEL A., US
[71] HOLLISTER INCORPORATED, US
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[51] **Int.Cl. C12N 15/09 (2006.01) C12P 7/22 (2006.01)**
[25] EN
[54] **CONCERTED PROCESSES FOR FORMING 1,2,4-TRIHYDROXYBENZENE FROM HYDROQUINONE**
[54] **PROCEDES CONCERTES DE FORMATION DE 1,2,4-TRIHYDROXYBENZENE A PARTIR D'HYDROQUINONE**
[72] HUMBARGER, SCOTT THOMAS, US
[72] MILLARD, MATTHEW, US
[71] LOCKHEED MARTIN ENERGY, LLC, US
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[30] US (15/298,175) 2016-10-19

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING WITH AUTOMATIC UNCERTAINTY MITIGATION**
[54] **FORAGE DIRECTIONNEL AVEC ATTENUATION AUTOMATIQUE D'INCERTITUDE**
[72] DYKSTRA, JASON D., US
[72] XUE, YUZHEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONTINUOUS FLOW PROCESS FOR THE POLYMERIZATION OF AN ALKYLENE OXIDE**
[54] **PROCEDE A FLUX CONTINU DE POLYMERISATION D'UN OXYDE D'ALKYLENE**
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[72] HANS, MORGAN, BE
[71] UNIVERSITE DE LIEGE, BE
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[30] EP (16206775.5) 2016-12-23

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **REAL-TIME TRAJECTORY CONTROL DURING DRILLING OPERATIONS**
[54] **COMMANDE DE TRAJECTOIRE EN TEMPS REEL PENDANT DES OPERATIONS DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] LIU, ZHENCHUN, US
[72] YARUS, JEFFREY MARC, US
[72] FEI, JIN, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 25/28 (2006.01)**
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[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT J., US
[72] MARTINEZ BOTELLA, GABRIEL, US
[72] HARRISON, BOYD L., US
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[72] LA, DANIEL, US
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[85] 2019-04-17
[86] 2017-10-18 (PCT/US2017/057277)
[87] (WO2018/075699)
[30] US (62/409,761) 2016-10-18
[30] US (62/409,772) 2016-10-18
[30] US (62/409,767) 2016-10-18
[30] US (62/409,764) 2016-10-18
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
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[54] **SYSTEME DE GENERATION D'AEROSOL AYANT DES PAIRES D'ELECTRODES**
[72] BESSANT, MICHEL, CH
[72] EMMETT, ROBERT, CH
[72] ROBERT, JACQUES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-17
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[30] EP (16206381.2) 2016-12-22

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/02 (2012.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **PROVIDING DEVICE AND SYSTEM AGNOSTIC ELECTRONIC PAYMENT TOKENS**
[54] **FOURNITURE DE JETONS DE PAIEMENT ELECTRONIQUE AGNOSTIQUE DE DISPOSITIF ET DE SYSTEME**
[72] SUBBARAYAN, ANAND, US
[72] PARASURAM, YEGNASHANKAR, US
[72] SONG, SHUO, US
[72] MITTAL, AKSHAY, US
[72] LIU, XISHUO, US
[72] HURLEY, KEVIN PATRICK, US
[72] PERELMAN, VLADISLAV, US
[72] INCZE, ATTILA, US
[71] FACEBOOK, INC., US
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[30] US (15/387,304) 2016-12-21

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[51] **Int.Cl. A24B 15/12 (2006.01) A24B 3/14 (2006.01) A24B 15/14 (2006.01) A24F 47/00 (2006.01)**
[25] EN
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[54] **FEUILLE CONTENANT DE LA NICOTINE**
[72] DEFOREL, CORINNE, CH
[72] WALLER, JUDITH, CH
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-17
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[51] **Int.Cl. A23K 40/25 (2016.01) A23P 30/20 (2016.01)**
[25] EN
[54] **HIGH THERMAL TRANSFER HOLLOW CORE EXTRUSION SCREW ASSEMBLY**
[54] **ENSEMBLE DE VIS D'EXTRUSION A CORPS CREUX A TRANSFERT THERMIQUE ELEVE**
[72] WENGER, LAVON, US
[72] SPELLMEIER, ALLAN C., US
[72] WILTZ, PHILIP B., US
[71] WENGER MANUFACTURING INC., US
[85] 2019-04-17
[86] 2018-02-15 (PCT/US2018/018396)
[87] (WO2018/152344)
[30] US (62/459,215) 2017-02-15
[30] US (15/699,642) 2017-09-08

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[51] **Int.Cl. A23N 17/00 (2006.01) A23K 30/20 (2016.01)**
[25] EN
[54] **MEAT DEWATERING ASSEMBLY**
[54] **ENSEMBLE DE DESHYDRATATION DE VIANDE**
[72] WENGER, LAVON, US
[72] SPELLMEIER, ALLAN C., US
[71] WENGER MANUFACTURING INC., US
[85] 2019-04-17
[86] 2018-02-15 (PCT/US2018/018398)
[87] (WO2018/152346)
[30] US (62/459,689) 2017-02-16
[30] US (15/840,926) 2017-12-13

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED CROSS-DOCK OPERATIONS**
[54] **SYSTEME ET PROCEDE POUR DES OPERATIONS DE TRANSBORDEMENT AUTOMATISEES**
[72] SULLIVAN, PATRICK, US
[72] MALDONADO, JEFFERSON, US
[72] LIVELY, SHANNON, US
[72] JENKINS, KERRY, US
[72] MCCORMACK, JONATHAN, US
[72] SLOAN, JEREMY, US
[72] TIMMERMAN, RYAN, US
[71] INNOVATIVE LOGISTICS, INC., US
[85] 2019-04-17
[86] 2017-10-30 (PCT/US2017/059080)
[87] (WO2018/081730)
[30] US (62/415,054) 2016-10-31

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[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01) H04B 7/204 (2006.01) H04B 7/212 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULTANEOUS FDMA-TDMA CHANNEL ACCESS**
[54] **SYSTEME ET PROCEDE D'ACCES SIMULTANE DE CANAL FDMA-TDMA**
[72] MERCHLINSKY, JOSEPH, US
[72] JOHNS, PETER, US
[72] ROY, SATYAJIT, US
[72] SETHI, YOGESH, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2019-04-17
[86] 2018-02-20 (PCT/US2018/018867)
[87] (WO2018/156525)
[30] US (15/438,632) 2017-02-21

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[51] **Int.Cl. A24B 15/12 (2006.01) A24B 3/14 (2006.01) A24B 15/14 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **NICOTINE AND BINDER CONTAINING SHEET**
[54] **FEUILLE CONTENANT DE LA NICOTINE ET UN LIANT**
[72] DEFOREL, CORINNE, CH
[72] WALLER, JUDITH, CH
[72] ZUBER, GERARD, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-17
[86] 2017-12-20 (PCT/EP2017/083767)
[87] (WO2018/122060)
[30] EP (16207613.7) 2016-12-30

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[51] **Int.Cl. E02B 9/00 (2006.01) F03B 13/06 (2006.01) F03B 13/10 (2006.01)**
[25] EN
[54] **IMPROVED REVERSIBLE PUMP-TURBINE INSTALLATION**
[54] **INSTALLATION POMPE-TURBINE REVERSIBLE AMELIOREE**
[72] OBERMEYER, HENRY K., US
[72] IAVORNIC, CLAUDIU M., US
[72] BAKER, GRANT QUINN, US
[71] OBERMEYER, HENRY K., US
[85] 2019-04-17
[86] 2018-04-30 (PCT/US2018/030310)
[87] (WO2019/005286)
[30] US (62/527,010) 2017-06-29
[30] US (PCT/US2017/048769) 2017-08-26
[30] US (62/664,849) 2018-04-30

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[13] A1
[51] **Int.Cl. A21C 3/02 (2006.01)**
[25] EN
[54] **DEVICE FOR FORMING A DOUGH STRIP**
[54] **DISPOSITIF PERMETTANT DE FACONNER UN RUBAN DE PATE**
[72] STELZER, HANNES, AT
[72] RAUCH, EDUARD, AT
[72] RADL, MARKUS, AT
[72] STAUFER, WOLFGANG, AT
[71] KONIG MASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2019-04-18
[86] 2017-10-20 (PCT/AT2017/060280)
[87] (WO2018/071948)
[30] AT (A50967/2016) 2016-10-21

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[51] **Int.Cl. G01N 21/3504 (2014.01) G01J 3/28 (2006.01)**
[25] EN
[54] **GAS IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE A GAZ**
[72] KESTER, ROBERT TIMOTHY, US
[72] BALILA, OHAD ISRAEL, US
[71] REBELLION PHOTONICS, INC., US
[85] 2019-04-17
[86] 2017-10-20 (PCT/US2017/057712)
[87] (WO2018/075957)
[30] US (62/411,499) 2016-10-21
[30] US (62/427,109) 2016-11-28

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[13] A1
[51] **Int.Cl. G02B 6/35 (2006.01) G02F 1/313 (2006.01)**
[25] EN
[54] **INTEGRATED MEMS SWITCHES FOR SELECTIVELY COUPLING LIGHT IN AND OUT OF A WAVEGUIDE**
[54] **COMMUTATEURS SMEM INTEGRES POUR COUPLER SELECTIVEMENT DE LA LUMIERE DANS ET HORS D'UN GUIDE D'ONDES**
[72] SPECTOR, STEVEN J., US
[72] MOEBIUS, MICHAEL G., US
[72] LANE, BENJAMIN F., US
[72] FAVALORA, GREGG E., US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2019-04-17
[86] 2017-12-16 (PCT/US2017/066885)
[87] (WO2018/112447)
[30] US (62/498,158) 2016-12-16
[30] US (62/450,855) 2017-01-26
[30] US (62/516,602) 2017-06-07

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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06F 21/60 (2013.01) H04L 9/08 (2006.01) H04L 9/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROTECTING USER DATA USING INDIVIDUALIZED KEYS TO ENABLE SECURE COMPARTMENTALIZED DATA BACKUP/RESTORE**
[54] **PROCEDE ET SYSTEME POUR LA PROTECTION DE DONNEES D'UTILISATEUR AU MOYEN DE CLES INDIVIDUALISEES POUR PERMETTRE UNE SAUVEGARDE/RESTAURATION DE DONNEES COMPARTIMENTEES SECURISEES**
[72] ZHU, JOSHUA, US
[72] HE, QUN, US
[71] THALES ESECURITY, INC., US
[85] 2019-04-17
[86] 2017-10-20 (PCT/US2017/057627)
[87] (WO2018/075912)
[30] US (15/331,576) 2016-10-21

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[13] A1
[51] **Int.Cl. G01N 15/06 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AUTOMATED ANALYSIS OF AIR SAMPLES**
[54] **SYSTEME ET PROCEDE D'ANALYSE AUTOMATISEE D'ECHANTILLONS D'AIR**
[72] GALLAGHER-GRUBER, JORDAN, AU
[72] SZIJARTO, GABOR, HU
[71] FIRST FRONTIER PTY LTD, AU
[85] 2019-04-18
[86] 2017-10-20 (PCT/AU2017/000227)
[87] (WO2018/071958)
[30] AU (2016904291) 2016-10-21

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[13] A1
[51] **Int.Cl. C11D 1/62 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **FABRIC TREATMENT COMPOSITIONS HAVING LOW CALCULATED CATIONIC CHARGE DENSITY POLYMERS AND FABRIC SOFTENING ACTIVES AND METHODS FOR PROVIDING A BENEFIT**
[54] **COMPOSITIONS DE TRAITEMENT DE TEXTILE AYANT DES POLYMERES A FAIBLE DENSITE DE CHARGE CATIONIQUE CALCULEE ET DES AGENTS ACTIFS ASSOUPLISSANTS POUR TEXTILE, ET PROCEDES APPORTANT UN BENEFICE**
[72] FOSSUM, RENAE DIANNA, US
[72] FONSECA, GLEDISON, DE
[72] FLORES-FIGUERO, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-04-17
[86] 2017-11-14 (PCT/US2017/061494)
[87] (WO2018/093759)
[30] US (15/356,101) 2016-11-18

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[13] A1
[51] **Int.Cl. G01J 5/02 (2006.01) G01J 3/02 (2006.01) G01J 3/28 (2006.01)**
[25] EN
[54] **MOBILE GAS AND CHEMICAL IMAGING CAMERA**
[54] **CAMERA MOBILE D'IMAGERIE DE GAZ ET DE PRODUIT CHIMIQUE**
[72] KESTER, ROBERT TIMOTHY, US
[71] REBELLION PHOTONICS, INC., US
[85] 2019-04-17
[86] 2017-10-20 (PCT/US2017/057725)
[87] (WO2018/075964)
[30] US (62/411,480) 2016-10-21

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[13] A1
[51] **Int.Cl. G01V 7/04 (2006.01)**
[25] EN
[54] **INTRINSIC GRAVITY GRADIOMETER AND GRAVITY GRADIOMETRY**
[54] **GRADIOMETRE DE GRAVITE INTRINSEQUE ET GRADIOMETRIE DE GRAVITE**
[72] VERYASKIN, ALEXEY VLADIMIROVICH, AU
[72] BOURHILL, JEREMY FRANCIS, AU
[72] IVANOV, EUGENE NIKOLAY, AU
[72] TOBAR, MICHAEL EDMUND, AU
[71] THE UNIVERSITY OF WESTERN AUSTRALIA, AU
[71] VERYASKIN, ALEXEY VLADIMIROVICH, AU
[85] 2019-04-18
[86] 2017-10-23 (PCT/AU2017/051159)
[87] (WO2018/071993)
[30] AU (2016904294) 2016-10-21

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[13] A1
[51] **Int.Cl. C12M 1/04 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **HIGH RESOLUTION SYSTEMS, KITS, APPARATUS, AND METHODS FOR SCREENING MICROORGANISMS AND OTHER HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS**
[54] **SYSTEMES, KITS, APPAREIL ET PROCEDES A HAUTE RESOLUTION POUR LE CRIBLAGE DE MICRO-ORGANISMES ET AUTRES APPLICATIONS DE MICROBIOLOGIE A HAUT RENDEMENT**
[72] HALLOCK, ALEXANDER, US
[72] WEMMER, KIMBERLY, US
[71] GENERAL AUTOMATION LAB TECHNOLOGIES INC., US
[85] 2019-04-17
[86] 2017-10-19 (PCT/US2017/057279)
[87] (WO2018/075701)
[30] US (62/410,337) 2016-10-19

[21] **3,041,111**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) G07B 15/04 (2006.01)**
[25] EN
[54] **HANDS-FREE FARE GATE OPERATION**
[54] **OPERATION DE PORTAIL DE ZONE CONTROLEE MAINS LIBRES**
[72] REYMANN, STEFFEN, GB
[71] CUBIC CORPORATION, US
[85] 2019-04-17
[86] 2017-11-22 (PCT/US2017/062992)
[87] (WO2018/098261)
[30] US (62/425,475) 2016-11-22

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[13] A1
[51] **Int.Cl. A61K 31/522 (2006.01) A61K 31/165 (2006.01) A61K 31/192 (2006.01) A61K 31/4045 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/4406 (2006.01) A61P 1/08 (2006.01) A61P 9/12 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **MUCOSAL ACTIVE AGENT DELIVERY**
[54] **ADMINISTRATION DE PRINCIPES ACTIFS PAR VOIE MUQUEUSE**
[72] WORTH, CAROL, AU
[72] BARIDE, KALPANA, AU
[71] SUDA LTD, AU
[85] 2019-04-18
[86] 2017-10-30 (PCT/AU2017/051193)
[87] (WO2018/076074)
[30] AU (2016904449) 2016-10-31

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 10/02 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **TUMOR ABLATION DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS D'ABLATION DE TUMEUR ET PROCEDES ASSOCIES**
[72] PURDY, CRAIG, US
[72] BALBIERZ, DAN, US
[71] DFINE, INC., US
[85] 2019-04-17
[86] 2017-11-27 (PCT/US2017/063281)
[87] (WO2018/098433)
[30] US (62/426,825) 2016-11-28
[30] US (62/426,816) 2016-11-28

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[13] A1
[51] **Int.Cl. B65G 67/20 (2006.01) B62B 3/06 (2006.01) B66F 9/12 (2006.01)**
[25] EN
[54] **MOVABLE PLATFORM AND ACTUATING ATTACHMENT**
[54] **PLATE-FORME MOBILE, ET ACCESSOIRE D'ACTIONNEMENT**
[72] BRADLEY, MARK, US
[72] HOPKINS, STONIE, US
[72] MALDONADO, JEFFERSON, US
[72] HUTCHENS, DOUG, US
[72] WADE, JERRY, US
[71] INNOVATIVE LOGISTICS, INC., US
[85] 2019-04-17
[86] 2017-10-31 (PCT/US2017/059264)
[87] (WO2018/089229)
[30] US (62/414,925) 2016-10-31

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[13] A1
[51] **Int.Cl. B29B 11/14 (2006.01) B29B 11/08 (2006.01) B29C 49/06 (2006.01) B29C 49/78 (2006.01) B65D 1/12 (2006.01) B65D 23/02 (2006.01)**
[25] EN
[54] **MOLDED ARTICLE, CONTAINER AND A METHOD FOR THE MOLDING AND RECYCLING THEREOF**
[54] **ARTICLE MOULE, RECIPIENT ET PROCEDE DE MOULAGE ET DE RECYCLAGE DE CELUI-CI**
[72] GALT, JOHN ROBERT, CA
[72] NIEWELS, JOACHIM JOHANNES, CA
[72] KFOURY, GEORGIO, LU
[72] WITZ, JEAN-CHRISTOPHE, FR
[72] NGUYEN-HOANG, SEBASTIEN SANG, LU
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2019-04-18
[86] 2017-10-04 (PCT/CA2017/051181)
[87] (WO2018/090128)
[30] US (62/423,842) 2016-11-18
[30] US (62/436,029) 2016-12-19

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[13] A1
[51] **Int.Cl. G01N 1/44 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **DIGESTER SYSTEM FOR PROCESSING A PLURALITY OF SAMPLES FOR CHEMICAL ANALYSIS**
[54] **SYSTEME DE DIGESTEUR POUR LE TRAITEMENT D'UNE PLURALITE D'ECHANTILLONS A SOUMETTRE A UNE ANALYSE CHIMIQUE**
[72] PEREVERZEV, KIRILL, CA
[72] KISHIMOTO, JESSICA, CA
[72] KANIPAYOR, RAVI K., CA
[72] EMBURGH, RON J., CA
[71] COLDBLOCK TECHNOLOGIES INC., CA
[85] 2019-04-18
[86] 2017-10-19 (PCT/CA2017/051243)
[87] (WO2018/072023)
[30] US (62/410,592) 2016-10-20

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[13] A1
[51] **Int.Cl. B62H 3/08 (2006.01) A47F 7/00 (2006.01) B60R 9/10 (2006.01) B62H 3/00 (2006.01) B62H 3/02 (2006.01) B62H 3/04 (2006.01) B62H 3/10 (2006.01)**
[25] EN
[54] **HIGH-DENSITY BIKE RACK SYSTEM**
[54] **SYSTEME DE SUPPORT DE VELO A HAUTE DENSITE**
[72] OLINGER, JEFFREY RICHARD, US
[72] HANSEN, JULIA CHRISTINA, US
[71] OLINGER, JEFFREY RICHARD, US
[71] HANSEN, JULIA CHRISTINA, US
[85] 2019-04-17
[86] 2017-10-19 (PCT/US2017/057310)
[87] (WO2018/075727)
[30] US (62/410,242) 2016-10-19
[30] US (62/511,519) 2017-05-26

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[13] A1
[51] **Int.Cl. H01L 29/778 (2006.01) H01L 21/18 (2006.01) H01L 21/28 (2006.01) H01L 29/51 (2006.01)**
[25] EN
[54] **TWO-DIMENSIONAL MATERIALS INTEGRATED WITH MULTIFERROIC LAYERS**
[54] **MATERIAUX BIDIMENSIONNELS INTEGRES A DES COUCHES MULTIFERROIQUES**
[72] JONKER, BEREND T., US
[72] LI, CONNIE H., US
[72] MCCREARY, KATHLEEN M., US
[72] VAN 'T ERVE, OLAF M. J., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2019-04-08
[86] 2017-11-21 (PCT/US2017/062813)
[87] (WO2018/094397)
[30] US (62/424,722) 2016-11-21
[30] US (62/424,711) 2016-11-21
[30] US (62/577,345) 2017-10-26

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[13] A1
[51] **Int.Cl. A61K 47/34 (2017.01) A61K 31/165 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **STABLE AQUEOUS CAPSAICIN INJECTABLE FORMULATIONS AND MEDICAL USES THEREOF**
[54] **FORMULATIONS INJECTABLES AQUEUSES STABLES DE CAPSAICINE ET LEURS UTILISATIONS MEDICALES**
[72] OSTOVIC, DRAZEN, US
[72] MUSSO, GARY FRED, US
[71] CENTREXION THERAPEUTICS CORPORATION, US
[85] 2019-04-17
[86] 2017-11-02 (PCT/US2017/059628)
[87] (WO2018/085476)
[30] US (62/416,345) 2016-11-02

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[13] A1
[51] **Int.Cl. B62H 3/08 (2006.01) B62H 3/02 (2006.01) B62H 3/04 (2006.01) B62H 3/10 (2006.01)**
[25] EN
[54] **HIGH-DENSITY BIKE RACK SYSTEM**
[54] **SYSTEME DE SUPPORT A VELOS HAUTE DENSITE**
[72] OLINGER, JEFFREY RICHARD, US
[72] HANSEN, JULIA CHRISTINA, US
[71] OLINGER, JEFFREY RICHARD, US
[71] HANSEN, JULIA CHRISTINA, US
[85] 2019-04-17
[86] 2017-10-19 (PCT/US2017/057316)
[87] (WO2018/075729)
[30] US (62/410,242) 2016-10-19
[30] US (62/511,519) 2017-05-26

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[13] A1
[51] **Int.Cl. A23L 2/60 (2006.01) C07H 15/256 (2006.01)**
[25] EN
[54] **DITERPENE GLYCOSIDES ISOLATED FROM STEVIA, COMPOSITIONS AND METHODS**
[54] **GLYCOSIDES DITERPENIQUES ISOLES A PARTIR DE STEVIA, COMPOSITIONS ET PROCEDES**
[72] PRAKASH, INDRA, US
[72] MA, GIL, US
[71] THE COCA-COLA COMPANY, US
[85] 2019-04-17
[86] 2017-10-20 (PCT/US2017/057561)
[87] (WO2018/075874)
[30] US (62/410,562) 2016-10-20

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[13] A1
[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/18 (2006.01) B23K 11/20 (2006.01)**
[25] EN
[54] **ENHANCED RESISTANCE SPOT WELDING USING CLADDED ALUMINUM ALLOYS**
[54] **SOUDAGE PAR POINTS PAR RESISTANCE AMELIORE A L'AIDE D'ALLIAGES D'ALUMINIUM GAINES**
[72] CHAI, XIAO, US
[72] MALPICA, JULIO, US
[72] AHMED, HANY, US
[72] BEZENCON, CYRILLE, CH
[72] BASSI, CORRADO, CH
[72] SIMON, JORG, CH
[71] NOVELIS INC., US
[85] 2019-04-17
[86] 2017-10-20 (PCT/US2017/057613)
[87] (WO2018/075904)
[30] US (62/411,196) 2016-10-21

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[13] A1
[51] **Int.Cl. C10G 67/04 (2006.01)**
[25] EN
[54] **PROCESSING OF CHALLENGED FRACTIONS AND CRACKED CO-FEEDS**
[54] **TRAITEMENT DE FRACTIONS PROVOQUEES ET CO-ALIMENTATIONS CRAQUEES**
[72] BROWN, STEPHEN H., US
[72] CUNNINGHAM, BRIAN A., JP
[72] SMILEY, RANDOLPH J., US
[72] ILIAS, SAMIA, US
[72] MCMANUS, JESSE R., US
[72] CUEVAS, ALDRIN G., US
[72] XU, TENG, US
[72] JOHNSON, GREGORY R., US
[72] GREELEY, JOHN P., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2019-04-17
[86] 2017-10-23 (PCT/US2017/057843)
[87] (WO2018/093535)
[30] US (62/422,094) 2016-11-15
[30] US (62/504,702) 2017-05-11

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[13] A1
[51] **Int.Cl. G01N 33/15 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **RELEASE TEST SYSTEM FOR SIMULATING THE STATE CHANGE OF MEDICAL ACTIVE INGREDIENTS**
[54] **SYSTEME DE TEST DE LIBERATION POUR SIMULER LE CHANGEMENT D'ETAT DE SUBSTANCES ACTIVES MEDICAMENTEUSES**
[72] GARBACZ, GRZEGORZ, DE
[72] DEUTER, ANNE, DE
[72] FRONCZYK, OLGA, DE
[72] DOMANSKI, GRZEGORZ, DE
[72] BELOW, HARALD, DE
[72] BAGUHL, ROMY, DE
[71] PHYSIOLUTION GMBH, DE
[85] 2019-04-09
[86] 2017-10-17 (PCT/EP2017/076403)
[87] (WO2018/073203)
[30] DE (10 2016 120 019.0) 2016-10-20

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[13] A1
[51] **Int.Cl. B23K 9/29 (2006.01) B23K 9/02 (2006.01) B23K 9/26 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAGNETIC FIELD SHIELDING IN A WELD REGION**
[54] **SYSTEME ET PROCEDE DE BLINDAGE DE CHAMP MAGNETIQUE DANS UNE REGION DE SOUDURE**
[72] LAROUCHE, SYLVAIN, CA
[72] RIVERIN, CAROL, CA
[72] POTVIN, CAMIL, CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2019-04-18
[86] 2017-10-19 (PCT/CA2017/051247)
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[30] US (62/410,614) 2016-10-20

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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 3/10 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVING GLUCOSE METABOLISM**
[54] **METHODES ET COMPOSITIONS PERMETTANT D'AMELIORER LE METABOLISME DU GLUCOSE**
[72] WATT, MATTHEW, AU
[72] MEEX, RUTH, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2019-04-18
[86] 2016-10-28 (PCT/AU2016/051020)
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[30] AU (2015904460) 2015-10-30

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/30 (2012.01)**
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[54] **SYSTEMS AND METHODS FOR FACILITATING FREIGHT TRANSPORTATION**
[54] **SYSTEMES ET PROCEDES FACILITANT UN TRANSPORT DE MARCHANDISES**
[72] BECKWITT, ERIC, CA
[71] FREIGHTERA LOGISTICS INC., CA
[85] 2019-04-18
[86] 2017-10-20 (PCT/CA2017/051262)
[87] (WO2018/072040)
[30] US (62/411,442) 2016-10-21

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[25] EN
[54] **SYSTEM AND METHOD FOR MAGNETIC FIELD CONTROL IN A WELD REGION**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CHAMP MAGNETIQUE DANS UNE REGION DE SOUDURE**
[72] LAROUCHE, SYLVAIN, CA
[72] RIVERIN, CAROL, CA
[72] POTVIN, CAMIL, CA
[72] BARDET, BENOIT, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2019-04-18
[86] 2017-10-19 (PCT/CA2017/051246)
[87] (WO2018/072026)
[30] US (62/410,602) 2016-10-20

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **NOVEL SALTS OF NILOTINIB AND CRYSTALLINE FORMS THEREOF**
[54] **NOUVEAUX SELS DE NILOTINIB ET LEURS FORMES CRISTALLINES**
[72] GORIN, BORIS, CA
[72] BODHURI, PRABHUDAS, US
[72] CECCARELLI, ALFREDO PAUL, CA
[72] DATTA, PROBAL KANTI, CA
[72] GERSTER, JENNY L., CA
[72] REY, ALLAN W., CA
[72] WEERATUNGA, GAMINI, CA
[71] APOTEX INC., CA
[85] 2019-04-18
[86] 2017-10-27 (PCT/CA2017/051283)
[87] (WO2018/076117)
[30] US (62/414,399) 2016-10-28

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[51] **Int.Cl. H04N 17/00 (2006.01) H04N 13/327 (2018.01)**
[25] EN
[54] **AUTOMATIC CALIBRATION PROJECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PROJECTION A ETALONNAGE AUTOMATIQUE**
[72] BOUJUT-BURGUN, HUGO, CA
[72] LABONTE, DANIEL, CA
[72] ROMPRE, SEBASTIEN, CA
[71] REALISATIONS INC. MONTREAL, CA
[85] 2019-04-18
[86] 2017-11-20 (PCT/CA2017/051382)
[87] (WO2018/094513)
[30] US (62/425,947) 2016-11-23

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[51] **Int.Cl. G01N 21/3563 (2014.01) G01N 21/359 (2014.01)**
[25] EN
[54] **CLASSIFICATION OF SOIL TEXTURE AND CONTENT BY NEAR-INFRARED SPECTROSCOPY**
[54] **CLASSIFICATION DE TEXTURE ET DE CONTENU DE SOL PAR SPECTROSCOPIE PROCHE INFRAROUGE**
[72] VISSER, PATRICK J., CA
[71] FARMERS EDGE INC., CA
[85] 2019-04-18
[86] 2017-12-13 (PCT/CA2017/051508)
[87] (WO2018/107287)
[30] US (62/435,655) 2016-12-16

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[51] **Int.Cl. C12P 19/56 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING REBAUDIOSIDE J USING ENZYMATIC METHOD**
[54] **PROCEDE DE PREPARATION DE REBAUDIOSIDE J A L'AIDE D'UN PROCEDE ENZYMATIQUE**
[72] TAO, ALEX, CN
[72] LI, GUOQING, CN
[72] WANG, WENXIA, CN
[72] ZHENG, LEILEI, CN
[72] ZHU, CHUNLEI, CN
[72] LIANG, XIAOLIANG, CN
[72] CHAN, KUIKIU, CN
[71] PEPSICO, INC., US
[85] 2019-04-18
[86] 2016-10-21 (PCT/CN2016/102942)
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[51] **Int.Cl. G06K 9/00 (2006.01) A63B 71/06 (2006.01) G06T 7/20 (2017.01) G08B 13/00 (2006.01) G08G 1/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BEHAVIOUR UNDERSTANDING FROM TRAJECTORIES**
[54] **SYSTEMES ET PROCEDES DE COMPREHENSION DE COMPORTEMENTS A PARTIR DE TRAJECTOIRES**
[72] ZHONG, YATAO, CA
[72] MEHRASA, NAZANIN, CA
[72] BORNN, LUKE, CA
[72] MORI, GREGORY PETER, CA
[71] SPORTLOGIQ INC., CA
[85] 2019-04-18
[86] 2018-01-05 (PCT/CA2018/050010)
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[25] EN
[54] **GRADIENT-ADAPTIVE INCLINED RUNNING SPECIAL ELEVATOR**
[54] **ASCENSEUR SPECIAL POUR CIRCULATION INCLINEE S'ADAPTANT A LA PENTE**
[72] CAO, GUOHUA, CN
[72] ZHU, ZHENCAI, CN
[72] WEI, LEI, CN
[72] QIN, JIANCONG, CN
[72] BO, XIAOGUANG, CN
[72] PENG, WEIHONG, CN
[72] MA, YIPING, CN
[72] WANG, LEI, CN
[71] DONGNAN ELEVATOR CO, LTD, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2019-04-18
[86] 2015-12-22 (PCT/CN2015/098182)
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[30] CN (201510706293.X) 2015-10-27

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[51] **Int.Cl. C12P 19/56 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING REBAUDIOSIDE C USING ENZYMATIC METHOD**
[54] **PROCEDE DE PREPARATION DE REBAUDIOSIDE C A L'AIDE D'UN PROCEDE ENZYMATIQUE**
[72] TAO, ALEX, CN
[72] LI, GUOQING, CN
[72] WANG, WENXIA, CN
[72] ZHENG, LEILEI, CN
[72] ZHU, CHUNLEI, CN
[72] LIANG, XIAOLIANG, CN
[72] CHAN, KUIKIU, CN
[71] PEPSICO, INC., US
[85] 2019-04-18
[86] 2016-10-21 (PCT/CN2016/102910)
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[51] **Int.Cl. H04W 24/08 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **ANTENNA PORT CONFIGURATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'ATTRIBUTION DE PORT D'ANTENNE**
[72] XU, CHAO, CN
[72] WANG, PENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-04-18
[86] 2016-10-21 (PCT/CN2016/102927)
[87] (WO2018/072204)

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[51] **Int.Cl. C12P 19/56 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING REBAUDIOSIDE N USING ENZYMATIC METHOD**
[54] **PROCEDE DE PREPARATION DE REBAUDIOSIDE N A L'AIDE D'UN PROCEDE ENZYMATIQUE**
[72] TAO, ALEX, CN
[72] LI, GUOQING, CN
[72] WANG, WENXIA, CN
[72] ZHENG, LEILEI, CN
[72] ZHU, CHUNLEI, CN
[72] LIANG, XIAOLIANG, CN
[72] CHAN, KUIKIU, CN
[71] PEPSICO, INC., US
[85] 2019-04-18
[86] 2016-10-21 (PCT/CN2016/102948)
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[51] **Int.Cl. B22D 11/18 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND APPARATUS FOR INHIBITING SLAG ENTRAPMENT IN LADLE IN LAST STAGE OF POURING DURING CONTINUOUS CASTING**
[54] **PROCEDE ET APPAREIL DE COMMANDE POUR EMPECHER LE PIEGEAGE DE SCORIES DANS UNE POCHE DE COULEE DANS UN DERNIER STADE DE VERSEMENT PENDANT UNE COULEE CONTINUE**
[72] SHENTU, LIFENG, CN
[72] HU, JIKANG, CN
[72] XI, JIAQI, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2019-04-18
[86] 2017-10-13 (PCT/CN2017/106043)
[87] (WO2018/077044)
[30] CN (201610942959.6) 2016-10-26

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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INCREMENTAL REDUNDANCY HYBRID AUTOMATIC REPEAT REQUEST (IR-HARQ) RE-TRANSMISSION**
[54] **PROCEDE ET DISPOSITIF DE RETRANSMISSION DE DEMANDE DE REPETITION AUTOMATIQUE HYBRIDE (IR-HARQ) A REDONDANCE INCREMENTIELLE**
[72] ZHANG, GONGZHENG, CN
[72] ZHANG, HUAZI, CN
[72] LI, RONG, CN
[72] WANG, JUN, CN
[72] GE, YIQUN, CA
[72] TONG, WEN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-04-18
[86] 2017-10-17 (PCT/CN2017/106560)
[87] (WO2018/072691)
[30] US (62/411,485) 2016-10-21
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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/551 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 491/08 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **MULTI-KINASE INHIBITOR COMPOUND, AND CRYSTAL FORM AND USE THEREOF**
[54] **COMPOSE INHIBITEUR MULTI-KINASE, FORME CRISTALLINE ET UTILISATION ASSOCIEE**
[72] WU, FRANK, CN
[71] NANJING TRANSTHERA BIOSCIENCES CO. LTD., CN
[85] 2019-04-18
[86] 2017-12-12 (PCT/CN2017/115698)
[87] (WO2018/108079)
[30] CN (201611174146.3) 2016-12-13
[30] CN (201710426594.6) 2017-06-08
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[51] **Int.Cl. C07D 213/00 (2006.01) A61K 31/435 (2006.01) A61K 31/4412 (2006.01) A61K 31/444 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 401/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **PYRIDONE COMPOUND AS C-MET INHIBITOR**
[54] **COMPOSE DE PYRIDONE EN TANT QU'INHIBITEUR DE C-MET**
[72] XU, XIONGBIN, CN
[72] LI, GANG, CN
[72] DING, CHARLES Z., CN
[72] HU, LIHONG, CN
[72] HU, GUOPING, CN
[72] LI, JIAN, CN
[72] CHEN, SHUHUI, CN
[72] CHI, ZHIGANG, CN
[72] WANG, KUN, CN
[71] FUJIAN COSUNTER PHARMACEUTICAL CO., LTD., CN
[85] 2019-04-18
[86] 2017-10-27 (PCT/CN2017/107964)
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[51] **Int.Cl. A61K 38/21 (2006.01) A61K 31/351 (2006.01) A61K 31/352 (2006.01) A61K 31/4375 (2006.01) A61K 31/7056 (2006.01) A61K 45/06 (2006.01) A61P 31/14 (2006.01)**
[25] FR
[54] **ANTIVIRAL COMPOSITIONS FOR THE TREATMENT OF INFECTIONS LINKED TO CORONAVIRUSES**
[54] **NOUVELLES COMPOSITIONS ANTIVIRALES POUR LE TRAITEMENT DES INFECTIONS LIEES AUX CORONAVIRUS**
[72] ROSA-CALATRAVA, MANUEL, FR
[72] TERRIER, OLIVIER, FR
[72] PROUST, ANAIS, FR
[72] MOULES, VINCENT, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2019-04-18
[86] 2017-10-20 (PCT/FR2017/052889)
[87] (WO2018/073549)
[30] FR (1660223) 2016-10-21

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[51] **Int.Cl. G01N 29/04 (2006.01) G01N 29/26 (2006.01) G01N 29/30 (2006.01) G01N 29/44 (2006.01) G01N 29/46 (2006.01) G01N 29/52 (2006.01)**
[25] FR
[54] **METHOD FOR NONDESTRUCTIVE INSPECTION BY ULTRASOUND OF A BONDED ASSEMBLY**
[54] **PROCEDE DE CONTROLE NON DESTRUCTIF PAR ULTRASONS D'UN ASSEMBLAGE COLLE**
[72] DUCOUSSO, MATHIEU LOIC, FR
[72] CUVILLIER, NICOLAS, FR
[71] SAFRAN, FR
[85] 2019-04-18
[86] 2017-10-24 (PCT/FR2017/052926)
[87] (WO2018/078272)
[30] FR (1660355) 2016-10-25

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[51] **Int.Cl. C01G 51/04 (2006.01) C01F 7/30 (2006.01) C01G 53/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF METAL OXIDES NANOCRYSTALS AND THEIR USE FOR WATER OXIDATION**
[54] **PROCEDE DE PREPARATION DE NANOCRISTAUX D'OXYDES METALLIQUES ET LEUR UTILISATION POUR L'OXYDATION DE L'EAU**
[72] TUYSUZ, HARUN, DE
[72] DENG, XIAOHUI, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2019-04-18
[86] 2017-10-10 (PCT/EP2017/075867)
[87] (WO2018/073058)
[30] EP (16194984.7) 2016-10-21

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[51] **Int.Cl. A61K 31/166 (2006.01) A61K 31/18 (2006.01) A61K 31/7034 (2006.01) A61K 31/7042 (2006.01) A61K 31/7048 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMBINATIONS COMPRISING AN SSAO/VAP-1 INHIBITOR AND A SGLT2 INHIBITOR, USES THEREOF**
[54] **COMBINAISONS COMPRENANT UN INHIBITEUR DE SSAO/VAP-1 ET UN INHIBITEUR DE SGLT2, LEURS UTILISATIONS**
[72] RIPPMANN, JOERG, DE
[72] KLEIN, THOMAS, DE
[72] MARK, MICHAEL, DE
[72] MAYOUX, ERIC WILLIAMS, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2019-04-18
[86] 2017-10-16 (PCT/EP2017/076300)
[87] (WO2018/073154)
[30] EP (16194572.0) 2016-10-19

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[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **STORAGE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE**
[72] CLARKE, PAUL, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[72] LINDBO, LARS SVERKER TURE, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2019-04-18
[86] 2017-10-19 (PCT/EP2017/076799)
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[30] GB (1617727.1) 2016-10-19

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[51] **Int.Cl. G02C 7/02 (2006.01) B29D 11/00 (2006.01)**
[25] EN
[54] **SPECTACLE LENS AND METHOD FOR PRODUCING SAME**
[54] **VERRE DE LUNETTES ET SON PROCEDE DE FABRICATION**
[72] GLOGE, THOMAS, DE
[72] GROMOTKA, JEREMIAS, DE
[72] VON BLANCKENHAGEN, BERNHARD, DE
[72] MESCHENMOSER, RALF, DE
[72] TOTZECK, MICHAEL, DE
[72] HAIDL, MARKUS, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2019-04-18
[86] 2017-10-20 (PCT/EP2017/076810)
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[30] EP (16195142.1) 2016-10-21

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[51] **Int.Cl. A61C 3/02 (2006.01) A61B 17/16 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL**
[72] ZASTROW, FRANK, DE
[71] ZASTROW, FRANK, DE
[85] 2019-04-18
[86] 2017-09-19 (PCT/DE2017/200097)
[87] (WO2018/077354)
[30] DE (10 2016 120 755.1) 2016-10-31

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[51] **Int.Cl. C09J 7/29 (2018.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **VAPOUR BARRIER, WHICH IS SELF-ADHESIVE ON BOTH SIDES, FOR SEALING OFF FLOORS HAVING RESIDUAL MOISTURE AND DIRECT ADHESIVE BONDING OF FLOOR COVERINGS THEREON**
[54] **PARE-VAPEUR AUTO-ADHESIF DOUBLE FACE**
[72] WIGGER, THOMAS, CH
[71] UZIN UTZ SCHWEIZ AG, CH
[85] 2019-04-18
[86] 2017-10-20 (PCT/EP2017/076830)
[87] (WO2018/073406)
[30] EP (16195064.7) 2016-10-21

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[51] **Int.Cl. A01J 23/00 (2006.01) A01J 17/00 (2006.01)**
[25] EN
[54] **FROZEN BUTTER REWORKING PROCESS**
[54] **PROCEDE DE MALAXAGE DE BEURRE CONGELE**
[72] OVESEN, ANDERS, DK
[72] PEDERSEN, BENT, DK
[71] SPX FLOW TECHNOLOGY DANMARK A/S, DK
[85] 2019-04-18
[86] 2017-10-19 (PCT/DK2017/050346)
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[30] DK (PA201600650) 2016-10-23

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[51] **Int.Cl. C09J 7/29 (2018.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 15/22 (2006.01)**
[25] EN
[54] **VAPOUR BARRIER, WHICH IS SELF-ADHESIVE ON ONE SIDE, FOR SEALING OFF FLOORS HAVING RESIDUAL MOISTURE**
[54] **PARE-VAPEUR AUTO-ADHESIF SUR UNE FACE, SERVANT A OBTURER DES SOLS PRESENTANT UNE HUMIDITE RESIDUELLE**
[72] WIGGER, THOMAS, CH
[71] UZIN UTZ SCHWEIZ AG, CH
[85] 2019-04-18
[86] 2017-10-20 (PCT/EP2017/076840)
[87] (WO2018/073410)
[30] EP (16195068.8) 2016-10-21

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[51] **Int.Cl. B60W 30/06 (2006.01) B60W 50/10 (2012.01) B60W 30/08 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **PARKING ASSISTANCE METHOD AND PARKING ASSISTANCE DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] YAMAGUCHI, ICHIRO, JP
[72] HAYAKAWA, YASUHISA, JP
[72] OKI, TAKAHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[71] RENAULT S.A.S., FR
[85] 2019-04-12
[86] 2016-10-13 (PCT/JP2016/080386)
[87] (WO2018/070021)

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[51] **Int.Cl. B60W 50/14 (2012.01) B60R 21/00 (2006.01) B60W 30/06 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **SELF POSITION ESTIMATION METHOD AND SELF POSITION ESTIMATION DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DE POSITION D'HOTE**
[72] HAYAKAWA, YASUHISA, JP
[72] YAMAGUCHI, ICHIRO, JP
[72] SAKURAI, YASUHIRO, JP
[72] TANAKA, DAISUKE, JP
[72] NISHIDA, YUKINORI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-04-12
[86] 2016-10-13 (PCT/JP2016/080387)
[87] (WO2018/070022)

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[13] A1
[51] **Int.Cl. B65D 83/30 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **SINGLE FINGER DISPENSING ARTICLE**
[54] **ARTICLE DE DISTRIBUTION A UN SEUL DOIGT**
[72] SCHROER, DANIEL R., US
[72] BLACK, MARC S., US
[72] SCHUETTE, CHAD V., US
[72] SILER, CHRISTOPHER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-04-17
[86] 2017-10-16 (PCT/US2017/056739)
[87] (WO2018/075382)
[30] US (62/410,410) 2016-10-20

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[51] **Int.Cl. B63B 59/00 (2006.01) B63H 5/15 (2006.01) C23F 13/00 (2006.01)**
[25] EN
[54] **NOZZLE OF A SHIP PROPELLER**
[54] **BUSE D'UNE HELICE DE NAVIRE**
[72] TWEDDELL, KLAUS, DE
[72] BENKE, DIETRICH, DE
[71] SCHOTTEL GMBH, DE
[85] 2019-04-18
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[87] (WO2018/095548)

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[51] **Int.Cl. A01K 61/00 (2017.01) B63B 35/38 (2006.01) B63B 35/44 (2006.01) B63B 35/613 (2006.01)**
[25] EN
[54] **FLOATING MOORING STRUCTURE**
[54] **STRUCTURE FLOTTANTE D'AMARRAGE**
[72] QUINTA CORTINAS, ANDRES, ES
[71] ESPANOLA DE PLATAFORMAS MARINAS, S.L., ES
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[72] BASEY-FISHER, TOBY, GB
[71] ENTIA LIMITED, GB
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[54] **A SYSTEM AND METHOD FOR CALIBRATING A CENTRIFUGE**
[54] **UN SYSTEME ET PROCEDE D'ETALONNAGE D'UN OUTIL**
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[72] BASEY-FISHER, TOBY, GB
[71] ENTIA LIMITED, GB
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[54] **BISPECIFIC ANTIBODY AGAINST BCMA AND CD3 AND AN IMMUNOLOGICAL DRUG FOR COMBINED USE IN TREATING MULTIPLE MYELOMA**
[54] **ANTICORPS BISPECIFIQUE CONTRE BCMA ET CD3 ET MEDICAMENT IMMUNOLOGIQUE POUR UNE UTILISATION COMBINEE DANS LE TRAITEMENT DU MYELOME MULTIPLE**
[72] VU, MINH DIEM, CH
[72] STREIN, KLAUS, DE
[72] PAIVA, BRUNO DAVID LOURENCO, ES
[72] SAN MIGUEL IZQUIERDO, JESUS FERNANDO, ES
[71] ENGMAB SARL, CH
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[54] **BIOCAPTEURS ELECTROCHIMIQUES ULTRASENSIBLES**
[72] GUO, ZHONG, AU
[72] ALEXANDROV, KIRILL, AU
[71] MOLECULAR WAREHOUSE, LTD, GB
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[86] 2017-10-18 (PCT/GB2017/053154)
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[54] **METHOD AND APPARATUS FOR DETERMINING A POSITION OF A MOVABLE OBJECT, AND SYSTEM INCLUDING THE APPARATUS**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER UNE POSITION D'UN OBJET MOBILE AINSI QUE SYSTEME COMPRENANT LE DISPOSITIF**
[72] PSIUK, RAFAEL, DE
[72] HARTMANN, MARKUS, DE
[72] DRAGER, TOBIAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ETUVE POUR L'ELIMINATION EN CONTINU DE NUISANCES PHYTOSANITAIRES PRESENTES DANS DES PARTICULES ORGANIQUES D'ORIGINE VEGETALE**
[72] CROSSET, LEON, BE
[71] CROSSET, LEON, BE
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[54] **METHODS AND SYSTEMS FOR IMPROVING STABILITY OF PRE-VAPOR FORMULATIONS OF E-VAPING DEVICES**
[54] **PROCEDES ET SYSTEMES D'AMELIORATION DE STABILITE DE FORMULATIONS DE PREVAPEUR DE DISPOSITIF DE VAPOTAGE ELECTRONIQUE**
[72] FARISS, MARC W., US
[72] OLDHAM, MICHAEL J., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **NOUVEAUX AGENTS ANTIMICROBIENS CONTRE LES BACTERIES ENTEROCOCCUS**
[72] BIEBL, MANFRED, DE
[72] SCHIRMEIER, EVA, DE
[72] GRIESSL, MARTIN, DE
[71] LYSANDO AG, LI
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[54] **PROCESS FOR PRODUCING A PURIFIED GAS STREAM**
[54] **PROCEDE POUR LA PRODUCTION DE FLUX DE GAZ PURIFIE**
[72] ABDOLLAHI, FARHANG, CA
[72] JUST, PAUL-EMMANUEL, CA
[72] SARLIS, JOHN, NICHOLAS, CA
[71] CANSOLV TECHNOLOGIES INC, CA
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[54] **ROLLER CUTTER UNIT FOR UNDERCUTTING MACHINE**
[54] **UNITE DE COUPE A ROULEAUX POUR MACHINE A ENTAILLER**
[72] GIMPEL, MARTIN, AT
[72] STABER, GUENTHER, AT
[72] RICHTER, WOLFGANG, AT
[72] KARGL, HUBERT, AT
[72] KRIBITZ, GERALD, AT
[72] BUMBERGER, THOMAS, AT
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[54] **DISPOSITIF DE TRANSFERT ET DE PESEE**
[72] TAYLOR, GILLIAN, GB
[71] LANARKSHIRE HEALTH BOARD, GB
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[54] **BEVERAGE PREPARATION CAPSULE**
[54] **CAPSULE POUR LA PREPARATION DE BOISSONS**
[72] FARAVELLI, MASSIMO, IT
[71] GRUPPO GIMOKA S.R.L., IT
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[54] **METHOD FOR CONTROLLING A MOTOR OF A VEHICLE**
[54] **PROCEDE POUR COMMANDER UNE PORTE DE VEHICULE**
[72] HOULE, JEAN-PHILIPPE, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2019-04-18
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[54] **ADJUSTING METHOD AND SYSTEM FOR DISPENSING CHEMICAL PRODUCTS**
[54] **PROCEDE ET SYSTEME DE REGLAGE POUR DISTRIBUER DES PRODUITS CHIMIQUES**
[72] CREATI, CRISTIAN, IT
[72] ESPOSITO, LUIGINO, IT
[72] PANTALEONI, ADRIO, IT
[71] SEKO S.P.A., IT
[85] 2019-04-18
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[54] **PLASTIC PIPE WITH BELL JOINT**
[54] **TUYAU EN PLASTIQUE A RACCORD A EMBOITEMENT**
[72] ARGNANI, CLAUDIO, IT
[71] IPM S.R.L., IT
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[54] **A SMOKING ARTICLE WITH LIQUID-FILLED CAPSULE**
[54] **ARTICLE A FUMER DOTE D'UNE CAPSULE REMPLIE DE LIQUIDE**
[72] ONO, HIROYOSHI, LU
[71] JT INTERNATIONAL SA, CH
[85] 2019-04-18
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[25] EN
[54] **A COATING SYSTEM**
[54] **SYSTEME DE REVETEMENT**
[72] SOUSA, DUARTE RUI, CA
[72] HUSSAIN, NABEEL, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
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[86] 2017-10-18 (PCT/IB2017/056469)
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[54] **BINDERS FOR THE GRANULATION OF FERTILIZERS**
[54] **LIANTS POUR LA GRANULATION D'ENGRAIS**
[72] ABU RABEAH, KHALIL, IL
[72] SOCOLOVSKY, RUBEN, IL
[72] GEINIK, NATALIA, IL
[72] ALHOWASHLA, AYOUB, IL
[72] LATI, JOSEPH, IL
[71] DEAD SEA WORKS LTD., IL
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[25] EN
[54] **A METHOD OF COATING A MEMBRANE WITH A CATALYST**
[54] **PROCEDE DE REVETEMENT D'UNE MEMBRANE AVEC UN CATALYSEUR**
[72] SOUSA, DUARTE RUI, CA
[72] HUSSAIN, NABEEL, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
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[86] 2017-10-18 (PCT/IB2017/056467)
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[25] EN
[54] **COMPOSITE MATERIAL FOR WATER TREATMENT**
[54] **MATERIAU COMPOSITE POUR LE TRAITEMENT DE L'EAU**
[72] LESHUK, TIMOTHY MICHAEL CARTER, CA
[72] GU, FRANK, CA
[72] YOUNG, ZACHARY WILLIAM, CA
[71] H2NANO INC., CA
[85] 2019-04-18
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[54] **RECOVERY SYSTEM AND METHOD FOR RECOVERY OF THERMAL ENERGY FROM WASTE WATER**
[54] **SYSTEME ET PROCEDE DE RECUPERATION D'ENERGIE THERMIQUE A PARTIR D'EAUX USEES**
[72] OLOFSSON, LENNART, SE
[71] EVERTECH ENERGY SOLUTIONS AB, SE
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[54] **PET PROTECTIVE TRANSPORT ARRANGEMENT**
[54] **AGENCEMENT DE PROTECTION POUR LE TRANSPORT D'ANIMAUX DE COMPAGNIE**
[72] BJORNETUN, MATS, SE
[71] MIM CONSTRUCTION AB, SE
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[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, AND COMMUNICATION METHOD**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] YOSHIMURA, TOMOKI, JP
[72] SUZUKI, SHOICHI, JP
[72] OUCHI, WATARU, JP
[72] LIU, LIQING, JP
[72] IMAMURA, KIMIHIKO, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **SYSTEM FOR MANAGING FLOW-STATE OF FLUID**
[54] **SYSTEME DE GESTION DE L'ETAT D'ECOULEMENT DE FLUIDE**
[72] WADA, KOICHI, JP
[71] LUBE CORPORATION, JP
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[54] **A METHOD OF SECURING A GAS DIFFUSION LAYER TO A CATALYST COATED MEMBRANE**
[54] **PROCEDE DE FIXATION D'UNE COUCHE DE DIFFUSION DE GAZ SUR UNE MEMBRANE REVETUE DE CATALYSEUR**
[72] SOUSA, DUARTE RUI, CA
[72] HUSSAIN, NABEEL, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
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[54] **DUAL FACE-TYPE SEAT SEAL ARRANGEMENT FOR VALVE APPLICATIONS**
[54] **AGENCEMENT DE JOINT D'ETANCHEITE DE SIEGE DU TYPE A DOUBLE FACE POUR DES APPLICATIONS DE VANNE**
[72] UNGCHUSRI, TEP, US
[72] CHIRKO, ROMAN, US
[72] TIVIROLI-MELCHERT, GABRIEL, US
[71] FMC TECHNOLOGIES, INC., US
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[54] **LOW SUGAR FOOD PRODUCTS WITH HIGH FIBER CONTENT**
[54] **PRODUITS ALIMENTAIRES A FAIBLE TENEUR EN SUCRE ET A TENEUR ELEVEE EN FIBRES**
[72] SHAPIRA, RONI, IL
[72] BALACHINSKY, ERAN, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[54] **PRIME MOVER SYSTEM AND METHODS UTILIZING BALANCED FLOW WITHIN BI-DIRECTIONAL POWER UNITS**
[54] **SYSTEME DE MOTEUR D'ENTRAINEMENT ET PROCEDES UTILISANT UN ECOULEMENT EQUILIBRE DANS DES UNITES DE PUISSANCE BIDIRECTIONNELLES**
[72] LERNER, DANIEL MAURICE, US
[72] ORBAN, ANDRE, US
[72] SINGH, RANJIT, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, DBA A.O. INTERNATIONAL II, INC.), US
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[54] **DOWNHOLE DRILLING METHODS AND SYSTEMS WITH TOP DRIVE MOTOR TORQUE COMMANDS BASED ON A DYNAMICS MODEL**
[54] **PROCEDES ET SYSTEMES DE FORAGE DE FOND DE TROU AVEC COMMANDES DE COUPLE DE MOTEUR D'ENTRAINEMENT SUPERIEUR SUR LA BASE D'UN MODELE DYNAMIQUE**
[72] ZHAO, YIMING, US
[72] DYKSTRA, JASON D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PHYSIOLOGICAL MONITORING**
[54] **SYSTEME, PROCEDE ET PRODUIT-PROGRAMME INFORMATIQUE POUR SURVEILLANCE PHYSIOLOGIQUE**
[72] DUBIN, URI, IL
[72] LACHMANOVICH, ELAD, IL
[72] DANON, DOV, IL
[72] BYCHKOV, EYAL, IL
[71] TYTO CARE LTD., IL
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[25] EN
[54] **AUTOMATED RATE CONTROL SYSTEM FOR HYDRAULIC FRACTURING**
[54] **SYSTEME DE COMMANDE DE DEBIT AUTOMATISE POUR FRACTURATION HYDRAULIQUE**
[72] MAZROOEE, MEHDI, US
[72] LAHMAN, MATTHEW LEWIS, US
[72] PERSAC, STEPHEN BYRNE, US
[72] FRIPP, MICHAEL LINLEY, US
[72] ADAMS, MARK ALLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS FOR TREATING METABOLIC DISTURBANCES**
[54] **METHODES DE TRAITEMENT DE TROUBLES METABOLIQUES**
[72] PAK, CHARLES Y.C., US
[72] VONGPATANASIN, WANPEN, US
[72] MOE, ORSON W., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **COMPOUNDS AS INHIBITORS OF SODIUM CHANNELS**
[54] **COMPOSES UTILISES COMME INHIBITEURS DES CANAUX SODIQUES**
[72] CASHMAN, JOHN R., US
[72] RYAN, DANIEL J., US
[72] OKOLOTOWICZ, KARL, US
[71] HUMAN BIOMOLECULAR RESEARCH INSTITUTE, US
[85] 2019-04-18
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[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/0793 (2010.01) A61K 31/519 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PROMOTING DIFFERENTIATION OF AND PROTECTING NEURAL STEM CELLS AND METHOD FOR INDUCING NEURAL REGENERATION USING SAME**
[54] **COMPOSITION PERMETTANT DE FAVORISER LA DIFFERENCIATION DE CELLULES SOUCHES NEURALES ET DE LES PROTEGER ET PROCEDE PERMETTANT D'INDUIRE UNE REGENERATION NEURALE UTILISANT CELLE-CI**
[72] CHOI, KANG-YELL, KR
[72] KIM, MI-YEON, KR
[72] HAN, SUNGHO, KR
[71] SHINE BIOPHARMA INC., KR
[85] 2019-04-18
[86] 2017-11-23 (PCT/KR2017/013444)
[87] (WO2018/097628)
[30] KR (10-2016-0158739) 2016-11-25
[30] KR (10-2017-0036268) 2017-03-22

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[13] A1
[51] **Int.Cl. A61C 5/00 (2017.01)**
[25] EN
[54] **THREE-DIMENSIONAL ORTHODONTIC RETAINER AND METHOD FOR MAKING A THREE-DIMENSIONAL ORTHODONTIC RETAINER**
[54] **CONTENTION ORTHODONTIQUE TRIDIMENSIONNELLE ET PROCEDE POUR LA FABRICATION D'UNE CONTENTION ORTHODONTIQUE TRIDIMENTIONNELLE**
[72] HOSTETTLER, JURG, CH
[72] HOSTETTLER, JONAS, CH
[71] HOSTETTLER, JURG, CH
[71] HOSTETTLER, JONAS, CH
[85] 2019-04-18
[86] 2017-11-16 (PCT/IB2017/057161)
[87] (WO2018/092052)
[30] CH (01532/16) 2016-11-21

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[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/00 (2006.01) H03M 13/35 (2006.01)**
[25] EN
[54] **LDPC CODE TRANSMISSION METHOD USING ROW-ORTHOGONAL STRUCTURE, AND DEVICE THEREFOR**
[54] **PROCEDE DE TRANSMISSION DE CODE LDPC FAISANT APPEL A UNE STRUCTURE ORTHOGONALE EN RANGEE, ET DISPOSITIF ASSOCIE**
[72] SHIN, JONGWOONG, KR
[72] KIM, BONGHOE, KR
[72] KIM, JINWOO, KR
[72] BYUN, ILMU, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-04-18
[86] 2018-02-05 (PCT/KR2018/001505)
[87] (WO2018/143743)
[30] US (62/455,478) 2017-02-06
[30] US (62/518,609) 2017-06-13

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[13] A1
[51] **Int.Cl. C12Q 1/22 (2006.01) A61L 2/00 (2006.01) C07K 1/16 (2006.01) C07K 1/36 (2006.01) C12N 7/00 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **VALIDATION OF CONTINUOUS VIRAL CLEARANCE**
[54] **VALIDATION DE CLAIRANCE VIRALE CONTINUE**
[72] MAISER, BENJAMIN, DE
[72] SCHWAN, PETER, DE
[72] DAVID, LAURA, DE
[72] LOBEDANN, MARTIN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057298)
[87] (WO2018/075716)
[30] EP (16194959.9) 2016-10-21

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **ANTIBODY CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTICORPS**
[72] GLASER, BRYAN, US
[72] LI, QUFEI, US
[72] BAILEY, LUCAS, US
[72] GREEN, ROLAND, US
[71] INVENRA INC., US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057268)
[87] (WO2018/075692)
[30] US (62/410,054) 2016-10-19
[30] US (62/549,894) 2017-08-24
[30] US (62/555,498) 2017-09-07

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[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) B22F 1/02 (2006.01) B22F 3/11 (2006.01) C22C 1/04 (2006.01) C22C 27/02 (2006.01) H01G 9/052 (2006.01)**
[25] EN
[54] **TANTALUM POWDER, ANODE, AND CAPACITOR INCLUDING SAME, AND MANUFACTURING METHODS THEREOF**
[54] **POUDRE DE TANTALE, ANODE, ET CONDENSATEUR COMPRENANT LADITE POUDRE DE TANTALE, ET LEURS PROCEDES DE FABRICATION**
[72] YIN, NICK, US
[72] RAI, ASHISH, US
[72] SUNGAIL, CRAIG, US
[72] YANAGIYA, KAZUNARI, JP
[72] YOSHIKAWA, SHUHEI, JP
[71] GLOBAL ADVANCED METALS USA, INC., US
[85] 2019-04-18
[86] 2017-10-17 (PCT/US2017/056835)
[87] (WO2018/075419)
[30] US (15/299,489) 2016-10-21

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[13] A1
[51] **Int.Cl. F41B 5/18 (2006.01)**
[25] EN
[54] **BOWSTRING RELEASE**
[54] **LIBERATION DE CORDE D'ARC**
[72] HAAS, MATTHEW PETER, US
[71] FERADYNE OUTDOORS, LLC, US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057105)
[87] (WO2018/075590)
[30] US (62/411,108) 2016-10-21

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[13] A1
[51] **Int.Cl. C08G 63/06 (2006.01) C08G 63/88 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **CRYSTAL NUCLEATING AGENTS FOR POLYHYDROXYALKANOATES**
[54] **AGENTS DE NUCLEATION DE CRISTAUX POUR POLYHYDROXYALCANOATES**
[72] ARNOLD, RACHELLE, US
[72] JOHNSON, ADAM, US
[71] MEREDIAN BIOPLASTICS, INC., US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057110)
[87] (WO2018/075594)
[30] US (62/409,540) 2016-10-18

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[13] A1
[51] **Int.Cl. A23C 11/02 (2006.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23D 7/005 (2006.01)**
[25] EN
[54] **ALLULOSE-CONTAINING COMPOSITION FOR PROMOTING EXCRETION OF VEGETABLE LIPIDS FROM THE BODY**
[54] **COMPOSITION FAVORISANT L'EXCRETION DE LIPIDES VEGETAUX ET COMPRENANT DE L'ALLULOSE**
[72] LEE, YOUNG MI, KR
[72] KIM, SEONG BO, KR
[72] KIM, YANG HEE, KR
[72] CHO, SEONG JUN, KR
[72] CHOI, MYUNG SOOK, KR
[72] HAN, YOUNG JI, KR
[72] CHOI, JI YOUNG, KR
[72] CHO, SU JUNG, KR
[72] JUNG, UN JU, KR
[72] KWON, EUN YOUNG, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[71] KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2019-04-18
[86] 2017-12-26 (PCT/KR2017/015496)
[87] (WO2018/124704)
[30] KR (10-2016-0179487) 2016-12-26
[30] KR (10-2016-0179488) 2016-12-26

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[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01) A47L 5/28 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION**
[54] **DISPOSITIF DE NETTOYAGE PAR ASPIRATION COMPRENANT UN TUBE PLIABLE POUR FOURNIR UNE CONFIGURATION DE STOCKAGE**
[72] INNES, DANIEL JOHN, US
[72] THORNE, JASON, US
[72] BROWN, ANDRE DAVID, US
[72] PALLADINO, GARY, US
[72] SUTTER, CATRIONA C.A., US
[72] COTTRELL, LEE, US
[72] NIEDZWECKI, SCOTT, US
[72] CHEI, JUNGHWAN, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057227)
[87] (WO2018/080873)
[30] US (15/333,109) 2016-10-24

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/498 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] NAGAI, KATSUNORI, JP
[72] KOJIMA, TAKUTO, JP
[72] IMAMURA, SHINICHI, JP
[72] HIRAKATA, MASAO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2019-04-18
[86] 2017-10-17 (PCT/JP2017/037503)
[87] (WO2018/074461)
[30] JP (2016-204371) 2016-10-18

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[13] A1
[51] **Int.Cl. A61G 7/015 (2006.01) A47C 20/04 (2006.01) A47C 20/08 (2006.01) A61G 7/00 (2006.01) A61G 7/002 (2006.01) A61G 7/005 (2006.01)**
[25] EN
[54] **DOUBLE ROLLER COMPACT PROFILE ACTUATION SYSTEM FOR AN ADJUSTABLE BED**
[54] **SYSTEME D'ACTIONNEMENT DE PROFIL COMPACT A DOUBLE ROULEAU POUR LIT AJUSTABLE**
[72] TOTEMEIER, HUNTER D., US
[72] TOWE, BRETT A., US
[72] ERMALOVICH, JOSEPH, US
[71] ERGOMOTION, INC., US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057264)
[87] (WO2018/075688)
[30] US (62/411,369) 2016-10-21

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VACUUM REGULATOR DEVICE**
[54] **DISPOSITIF ELECTRONIQUE REGULATEUR DE VIDE**
[72] KILCRAN, MICHAEL D., US
[71] MEDTEC MEDICAL, INC., US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057303)
[87] (WO2018/075720)
[30] US (62/409,952) 2016-10-19

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[13] A1
[51] **Int.Cl. G01F 1/56 (2006.01) G01F 15/06 (2006.01)**
[25] EN
[54] **ELECTRONIC FLOWMETER WITH REGULATOR**
[54] **DEBITMETRE ELECTRONIQUE COMPRENANT UN REGULATEUR**
[72] KILCRAN, MICHAEL D., US
[71] MEDTEC MEDICAL, INC., US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057306)
[87] (WO2018/075723)
[30] US (62/409,953) 2016-10-19

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[13] A1
[51] **Int.Cl. B63C 3/06 (2006.01) E02C 5/00 (2006.01)**
[25] EN
[54] **WATERCRAFT LIFT**
[54] **DISPOSITIF DE LEVAGE D'EMBARCATION**
[72] SURGES, CARL, US
[71] PIER OF D'NORT CORP., US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057379)
[87] (WO2018/075763)
[30] US (15/297,985) 2016-10-19

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[13] A1
[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/357 (2006.01) A61K 31/661 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) C07C 211/29 (2006.01) C07D 317/24 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL APPLICATIONS FOR (S)-NORKETAMINE AND SALTS THEREOF**
[54] **APPLICATIONS PHARMACEUTIQUES DE LA (S)-NORKETAMINE ET DE SES SELS**
[72] HASHIMOTO, KENJI, JP
[71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
[85] 2019-04-18
[86] 2017-10-27 (PCT/JP2017/038826)
[87] (WO2018/079693)
[30] JP (2016-210749) 2016-10-27

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[13] A1
[51] **Int.Cl. A01N 31/02 (2006.01) A01N 25/30 (2006.01) A01N 37/36 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **DISINFECTING COMPOSITION**
[54] **COMPOSITION DESINFECTANTE**
[72] GREBOVAL, ELODIE, FR
[72] EL YACOUBI, KAMEL, FR
[72] MATSUDA, ANNE, FR
[72] MOREAU, MAGALI, FR
[71] GOJO INDUSTRIES, INC., US
[85] 2019-04-18
[86] 2016-10-21 (PCT/IB2016/001688)
[87] (WO2018/073616)

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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) C12N 5/0783 (2010.01) A01K 67/027 (2006.01) A61K 35/74 (2015.01) A61K 39/07 (2006.01) A61P 37/04 (2006.01) A61P 37/06 (2006.01) C07K 16/14 (2006.01) C12N 15/09 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2018.01) G01N 33/50 (2006.01)**
[25] EN
[54] **BACTERIUM CAPABLE OF INDUCING TH1 CELLS**
[54] **BACTERIE D'INDUCTION DE CELLULES TH1**
[72] HONDA, KENYA, JP
[72] ATARASHI, KOJI, JP
[72] NARUSHIMA, SEIKO, JP
[72] SUDA, WATARU, JP
[72] HATTORI, MASAHIRA, JP
[71] KEIO UNIVERSITY, JP
[85] 2019-04-18
[86] 2017-11-01 (PCT/JP2017/039522)
[87] (WO2018/084172)
[30] US (62/415759) 2016-11-01
[30] US (62/533844) 2017-07-18

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[13] A1
[51] **Int.Cl. A45D 19/00 (2006.01) A45D 24/22 (2006.01)**
[25] EN
[54] **HAIR COLORING APPLIANCE**
[54] **APPAREIL DE COLORATION CAPILLAIRE**
[72] GREZ, JOSEPH, US
[71] L'OREAL, FR
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057412)
[87] (WO2018/080892)
[30] US (15/339,531) 2016-10-31

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 47/64 (2017.01) A61K 47/65 (2017.01) A61K 38/16 (2006.01) A61K 39/395 (2006.01) C07K 19/00 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **ANTIGEN-BINDING DOMAIN, AND POLYPEPTIDE INCLUDING CONVEYING SECTION**
[54] **DOMAINE DE LIAISON A L'ANTIGENE ET POLYPEPTIDE COMPRENANT UNE SECTION DE TRANSPORT**
[72] IGAWA, TOMOYUKI, JP
[72] ISHIKAWA, HIROYUKI, JP
[72] HIRONIWA, NAOKA, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2019-04-18
[86] 2017-11-28 (PCT/JP2017/042542)
[87] (WO2018/097307)
[30] JP (2016-229794) 2016-11-28

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **LABOR MARKETPLACE EXCHANGE AND METHODS THEREOF**
[54] **ECHANGE SUR UNE PLACE DE MARCHE DE MAIN-D'~UVRE ET PROCEDES ASSOCIES**
[72] CATINO, THEODORE A., US
[72] CATINO, BEVERLY A., US
[72] CATINO, MITCHELL A., US
[71] GIGSMART, INC., US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057299)
[87] (WO2018/075717)
[30] US (62/409,929) 2016-10-19

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **VISUAL SENSOR-BASED MANAGEMENT OF A RETURN TRANSACTION BACKGROUND**
[54] **GESTION A BASE DE CAPTEUR VISUEL D'UN ARRIERE-PLAN DE TRANSACTION DE RETOUR**
[72] SINGH, ANKIT, US
[72] HERRING, DEAN FREDERICK, US
[72] JOHNSON, BRAD MATTHEW, US
[72] SMITH, JEFFREY JOHN, US
[71] TOSHIBA GLOBAL COMMERCE SOLUTIONS HOLDINGS CORPORATION, JP
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057399)
[87] (WO2018/075775)
[30] US (15/299,208) 2016-10-20

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[13] A1
[51] **Int.Cl. A61K 47/68 (2017.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CEREBLON-BASED HETERODIMERIZABLE CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES HETERODIMERISABLES A BASE DE CEREBLON**
[72] XU, SHUICHAN, US
[71] CELGENE CORPORATION, US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057474)
[87] (WO2018/075820)
[30] US (62/410,822) 2016-10-20

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[13] A1
[51] **Int.Cl. B61L 5/10 (2006.01)**
[25] EN
[54] **LOCKING DEVICE ON TWO BODIES MOVABLE IN A SLIDING MANNER RELATIVE TO EACH OTHER ON A GUIDE TRACK**
[54] **DISPOSITIF DE VERROUILLAGE SITUE AU NIVEAU DE DEUX CORPS POUVANT COULISSER L'UN PAR RAPPORT A L'AUTRE SUR UNE VOIE DE GUIDAGE**
[72] WOLBER, RAINER, DE
[71] WOLBER ANTRIEBSTECHNIK GMBH, DE
[85] 2019-04-24
[86] 2017-03-06 (PCT/DE2017/000056)
[87] (WO2017/152894)
[30] DE (10 2016 002 624.3) 2016-03-07

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **CHROMOSOMAL ASSESSMENT BY RAPID LAMP ANALYSIS**
[54] **EVALUATION CHROMOSOMIQUE PAR ANALYSE RAPIDE A LA LAMPE**
[72] WILLIAMS, SAMUEL, US
[72] BRAZHNIK, KRISTINA, US
[71] WILLIAMS, SAMUEL, US
[71] BRAZHNIK, KRISTINA, US
[85] 2019-04-18
[86] 2017-10-19 (PCT/US2017/057484)
[87] (WO2018/075829)
[30] US (62/410,362) 2016-10-19

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[13] A1
[51] **Int.Cl. H01L 21/44 (2006.01) H01L 21/288 (2006.01) H01L 21/324 (2006.01)**
[25] EN
[54] **METHOD OF PLATING A METALLIC SUBSTRATE TO ACHIEVE A DESIRED SURFACE COARSENESS**
[54] **PROCEDE DE PLACAGE D'UN SUBSTRAT METALLIQUE POUR OBTENIR UNE GROSSEUR DE GRAIN DE SURFACE SOUHAITEE**
[72] LETTS, DENNIS G., US
[71] IH IP HOLDINGS LIMITED, GB
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057509)
[87] (WO2018/075843)
[30] US (62/410,447) 2016-10-20

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) G06F 21/62 (2013.01)**
[25] EN
[54] **DIGITAL SAFETY AND ACCOUNT DISCOVERY**
[54] **SECURITE NUMERIQUE ET DECOUVERTE DE COMPTE**
[72] PARK, JASON D., US
[72] PARKINSON, JOHN S., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057521)
[87] (WO2018/075849)
[30] US (15/331,434) 2016-10-21
[30] US (15/712,315) 2017-09-22

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[13] A1
[51] **Int.Cl. A23P 20/10 (2016.01) A23P 20/20 (2016.01) A23P 20/25 (2016.01)**
[25] EN
[54] **SPICED MARKING METHODS FOR FOODSTUFFS**
[54] **PROCEDES DE MARQUAGE EPICE POUR PRODUITS ALIMENTAIRES**
[72] SMITH, JAMES L., US
[72] CARROLL, CHRIS, US
[71] FLAVORSEAL LLC, US
[85] 2019-04-18
[86] 2017-08-28 (PCT/US2017/048886)
[87] (WO2018/075141)
[30] US (62/409,676) 2016-10-18

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[13] A1
[51] **Int.Cl. A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/5355 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **METHODS OF USING INDAZOLE-3-CARBOXAMIDES AND THEIR USE AS WNT/B-CATENIN SIGNALING PATHWAY INHIBITORS**
[54] **PROCEDES D'UTILISATION D'INDAZOLE-3-CARBOXAMIDES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA VOIE DE SIGNALISATION WNT/S-CATENINE**
[72] DESHMUKH, VISHAL, US
[72] MURPHY, ERIC ANTHONY, US
[72] HOOD, JOHN, US
[71] SAMUMED, LLC, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057536)
[87] (WO2018/075858)
[30] US (62/411,478) 2016-10-21

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[13] A1
[51] **Int.Cl. H01M 8/1006 (2016.01) C25B 11/03 (2006.01)**
[25] EN
[54] **CORRUGATED FUEL ELECTRODE**
[54] **ELECTRODE A COMBUSTIBLE ONDULEE**
[72] HAYES, JOEL RYAN, US
[72] KRISHNAN, RAMKUMAR, US
[72] TRIMBLE, TODD, US
[72] ANDERSON, CLIFFORD, US
[71] NANTENERGY, INC., US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057552)
[87] (WO2018/075870)
[30] US (62/410,852) 2016-10-21

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[13] A1
[51] **Int.Cl. A61M 3/02 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **NASAL IRRIGATION DIAGNOSTIC ASSEMBLY**
[54] **DISPOSITIF DIAGNOSTIQUE D'IRRIGATION NASALE**
[72] RUBIN, KEITH, US
[72] SOLOVAY, KEN, US
[72] LAYER, JAMES, US
[72] DESIMONE, ALFRED A., US
[72] YAN, BIN, US
[71] PREVA, LLC, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057590)
[87] (WO2018/075889)
[30] US (15/299,792) 2016-10-21
[30] US (15/604,205) 2017-05-24

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[51] **Int.Cl. B02C 23/02 (2006.01)**
[25] EN
[54] **SIZE-REDUCTION MACHINES, FEED UNITS THEREFOR, AND METHODS OF USE**
[54] **MACHINES DE REDUCTION DE TAILLE, UNITES D'ALIMENTATION ASSOCIEES ET PROCEDES D'UTILISATION**
[72] KLOCKOW, SCOTT ALAN, US
[72] UNDERWOOD, NICHOLAS ALAN, US
[72] STENGER, RUDIGER HEINRICH, DE
[71] URSCHEL LABORATORIES, INC., US
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[30] US (62/411,037) 2016-10-21

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[51] **Int.Cl. C09D 129/04 (2006.01) B05D 7/00 (2006.01)**
[25] EN
[54] **DURABLE COATING COMPOSITIONS AND COATINGS FORMED THEREOF**
[54] **COMPOSITIONS DE REVETEMENT DURABLES ET REVETEMENTS FORMES A PARTIR DE CELLES-CI**
[72] RANGANATHAN, SATHISH KUMAR, US
[72] SIRIPURAPU, SRINIVAS, US
[72] MHETAR, VIJAY, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057671)
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[30] US (62/410,699) 2016-10-20

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[51] **Int.Cl. C09D 129/04 (2006.01) B05D 7/00 (2006.01)**
[25] EN
[54] **DURABLE COATING COMPOSITIONS AND COATINGS FORMED THEREOF**
[54] **COMPOSITIONS DE REVETEMENT DURABLES ET REVETEMENTS FORMES A PARTIR DE CELLES-CI**
[72] RANGANATHAN, SATHISH KUMAR, US
[72] SIRIPURAPU, SRINIVAS, US
[72] PATIL, SATISH NARAYAN, IN
[72] CHAUDHARI, RAJENDRA YASHWANT, IN
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[71] NOVOTA INDUSTRIES, IN
[85] 2019-04-18
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[51] **Int.Cl. G06F 13/10 (2006.01) G06F 13/40 (2006.01)**
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[54] **MOBILE DEVICE EXTERNAL CONTROLLER MODULE**
[54] **MODULE DE COMMANDE EXTERNE DE DISPOSITIF MOBILE**
[72] JOHNNIE, DARRYN A., US
[72] NGO, ANDY D., US
[72] KIM, STEPHEN H., US
[71] RAYTHEON COMPANY, US
[85] 2019-04-18
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[51] **Int.Cl. A23L 2/70 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BLENDING LOW SOLUBILITY INGREDIENTS**
[54] **SYSTEMES ET PROCEDES DE MELANGE D'INGREDIENTS A FAIBLE SOLUBILITE**
[72] MEHTA, ANISH, US
[72] SCHUBERT, HUBERTUS ULRICH, US
[72] RAHMAN, MAMUNUR, US
[72] BAKER, SHUMI, US
[71] THE COCA-COLA COMPANY, US
[85] 2019-04-18
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[51] **Int.Cl. F15B 19/00 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS OF TESTING A SOLENOID VALVE OF AN EMERGENCY VALVE VIA A POSITIONER**
[54] **PROCEDES ET APPAREIL D'ESSAI D'UNE ELECTROVANNE D'UNE SOUPAPE D'URGENCE PAR L'INTERMEDIAIRE D'UN POSITIONNEUR**
[72] JUNK, KENNETH, US
[72] JELKEN, SHANNON, US
[72] SNOWBARGER, JIMMIE L., US
[72] GRUMSTRUP, BRUCE F., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-04-18
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[51] **Int.Cl. F15B 13/04 (2006.01) F15B 11/02 (2006.01) F15B 19/00 (2006.01) F15B 20/00 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS OF STABILIZING A VALVE POSITIONER WHEN TESTING A SOLENOID VALVE**
[54] **PROCEDES ET APPAREIL DE STABILISATION D'UN DISPOSITIF DE POSITIONNEMENT DE VANNE LORS DU TEST D'UNE ELECTROVANNE**
[72] JUNK, KENNETH W., US
[72] JELKEN, SHANNON E., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-04-18
[86] 2017-10-04 (PCT/US2017/055124)
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[30] US (15/298,717) 2016-10-20

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[51] **Int.Cl. A01H 5/00 (2018.01) A61K 35/742 (2015.01) A01N 63/02 (2006.01) A61K 35/66 (2015.01) C07K 14/32 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **CLEAVABLE PEPTIDES AND INSECTICIDAL AND NEMATICIDAL PROTEINS COMPRISING SAME**
[54] **PEPTIDES CLIVABLES ET PROTEINES INSECTICIDES ET NEMATICIDES LES COMPRENANT**
[72] CARLSON, ALVAR R., US
[72] HAASE, ALEXANDRA M., US
[72] KENNEDY, ROBERT M., US
[71] VESTARON CORPORATION, US
[85] 2019-04-18
[86] 2017-10-06 (PCT/US2017/055596)
[87] (WO2018/075269)
[30] US (62/411,117) 2016-10-21

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[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **RECOMBINANT VECTORS EXPRESSING ANTIGENS OF AVIAN INFLUENZA VIRUS AND USES THEREOF**
[54] **VECTEURS DE RECOMBINAISON EXPRIMANT DES ANTIGENES DE VIRUS DE LA GRIPPE AVIAIRE ET UTILISATIONS ASSOCIEES**
[72] PRITCHARD, JOYCE, US
[72] MEBATSION, TESHOME, US
[72] SWAYNE, DAVID, US
[71] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057741)
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[51] **Int.Cl. A47K 11/06 (2006.01) A47K 11/12 (2006.01) A61G 9/00 (2006.01) A61H 3/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **PORTABLE URINAL MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE D'URINOIR PORTATIF**
[72] KILLIAN, JAMES, US
[71] KILLIAN, JAMES, US
[85] 2019-04-18
[86] 2017-10-09 (PCT/US2017/055790)
[87] (WO2018/075283)
[30] US (15/297,206) 2016-10-19

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[51] **Int.Cl. G06Q 30/00 (2012.01)**
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[54] **SYSTEMS AND METHODS PROVIDING FOR PREDICTIVE MOBILE MANUFACTURING**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UNE FABRICATION MOBILE PREDICTIVE**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-04-18
[86] 2017-10-13 (PCT/US2017/056469)
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[30] US (62/413,304) 2016-10-26
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[51] **Int.Cl. A61K 31/7105 (2006.01) A61K 31/7115 (2006.01) A61K 39/245 (2006.01) A61P 31/22 (2006.01)**
[25] EN
[54] **HUMAN CYTOMEGALOVIRUS VACCINE**
[54] **VACCIN CONTRE LE CYTOMEGALOVIRUS HUMAIN**
[72] CIARAMELLA, GIUSEPPE, US
[72] JOHN, SHINU, US
[71] MODERNATX, INC., US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057748)
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[30] US (62/411,381) 2016-10-21
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[51] **Int.Cl. A61M 11/04 (2006.01) A61M 15/00 (2006.01) A61P 25/04 (2006.01) A61P 25/30 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLED DELIVERY OF OPIOID AND OTHER MEDICATIONS**
[54] **METHODE, SYSTEME ET APPAREIL POUR L'ADMINISTRATION CONTROLEE D'OPIOIDE ET D'AUTRES MEDICAMENTS**
[72] LANZKOWSKY, DAVID, US
[71] SOMNIFERUM LABS LLC, US
[85] 2019-04-18
[86] 2017-10-20 (PCT/US2017/057749)
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[30] US (62/411,455) 2016-10-21

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[51] **Int.Cl. C07K 14/54 (2006.01) C07K 14/435 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01) C07K 16/18 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **MULTIMERIC IL-15-BASED MOLECULES**
[54] **MOLECULES MULTIMERIQUES A BASE D'IL-15**
[72] WONG, HING C., US
[72] MARCUS, WARREN, US
[72] LIU, BAI, US
[72] XU, WENXIN, US
[72] NEWMAN, ROBBY, US
[72] KAGE, KAREN, US
[72] YOU, LIJING, US
[72] RHODE, PETER, US
[72] SOON-SHIONG, PATRICK, US
[71] ALTOR BIOSCIENCE CORPORATION, US
[71] NANTCELL, INC., US
[85] 2019-04-18
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[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
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[54] **GAS PURGING FOR ELECTRIC SUBMERSIBLE PUMPING SYSTEM**
[54] **PURGE DE GAZ POUR SYSTEME DE POMPE ELECTRIQUE IMMERGEE**
[72] WATSON, ARTHUR I., US
[72] HARRIS, GRANT T., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-04-18
[86] 2017-10-23 (PCT/US2017/057777)
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[51] **Int.Cl. E05B 15/00 (2006.01) E05B 3/00 (2006.01) E05B 9/08 (2006.01) E05B 15/02 (2006.01) E05B 65/00 (2006.01) E05B 65/08 (2006.01) E05C 3/00 (2006.01)**
[25] EN
[54] **BARN DOOR PRIVACY LOCK**
[54] **VERROU DE SURETE DE PORTE DE GRANGE**
[72] CHENG, QIANYAN, US
[71] CHENG, QIANYAN, US
[85] 2019-04-18
[86] 2017-10-25 (PCT/US2017/058341)
[87] (WO2018/081299)
[30] US (62/412,682) 2016-10-25
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[51] **Int.Cl. A01N 25/30 (2006.01) A01N 37/10 (2006.01)**
[25] EN
[54] **ADJUVANT COMPOSITIONS FOR PLANT TREATMENT CHEMICALS**
[54] **COMPOSITIONS D'ADJUVANT POUR PRODUITS CHIMIQUES DE TRAITEMENT DE PLANTES**
[72] LEFILES, JAMES HOLT, US
[72] DAVIS, BILL, US
[71] PARAMOUNT PRODUCTS 1 LLC, US
[85] 2019-04-18
[86] 2017-10-26 (PCT/US2017/058476)
[87] (WO2018/085106)
[30] US (62/606,130) 2016-11-02
[30] US (62/440,794) 2016-12-30
[30] US (62/445,124) 2017-01-11

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[51] **Int.Cl. C09C 3/04 (2006.01) C09C 1/48 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **ADDITIVE COATED PARTICLES FOR LOW COST HIGH PERFORMANCE MATERIALS**
[54] **PARTICULES ENROBEES D'ADDITIF POUR MATERIAUX A HAUTE PERFORMANCE**
[72] RESTREPO, DAVID, US
[72] MCINNIS, MATTHEW, US
[72] STOLTZ, RICHARD A., US
[72] BULLINGTON, JEFF, US
[71] GARMOR INC., US
[85] 2019-04-18
[86] 2017-10-26 (PCT/US2017/058512)
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[30] US (62/413,072) 2016-10-26

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[51] **Int.Cl. A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/574 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PYRAZOLO[1,5-A]PYRIMIDINES AND SALTS THEREOF**
[54] **PROCEDE DE PREPARATION DE PYRAZOLO[1,5-A]PYRIMIDINES ET DE SELS DE CELLES-CI**
[72] ZHAO, QIAN, US
[72] SPENCER, STACEY, US
[72] JIANG, YUTONG, US
[72] HAAS, JULIA, US
[72] EARY, CHARLES TODD, US
[71] LOXO ONCOLOGY, INC., US
[71] ARRAY BIOPHARMA INC., US
[85] 2019-04-18
[86] 2017-10-26 (PCT/US2017/058518)
[87] (WO2018/081417)
[30] US (PCT/US2016/058951) 2016-10-26
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[51] **Int.Cl. A47K 3/00 (2006.01) A47K 3/02 (2006.01) A47K 3/12 (2006.01) A61G 7/00 (2006.01)**
[25] EN
[54] **BATHING PLATFORM FOR A BATHTUB**
[54] **PLATE-FORME DE BAIN POUR BAIGNOIRE**
[72] MALASSIGNE, PASCAL, US
[72] CORS, MARK, US
[72] ALEXANDER, KEVIN, US
[71] UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[30] US (62/413,857) 2016-10-27

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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/00 (2018.01) G06F 21/55 (2013.01) H04L 12/26 (2006.01)**
[25] EN
[54] **IOT SECURITY SERVICE**
[54] **SERVICE DE SECURITE IOT**
[72] SAMUEL, ARJMAND, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-04-18
[86] 2017-10-30 (PCT/US2017/058926)
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[30] US (15/344,461) 2016-11-04

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[51] **Int.Cl. A61K 31/18 (2006.01) C07C 311/08 (2006.01)**
[25] EN
[54] **SUBSTITUTED 6-MEMBERED ARYL OR HETEROARYL ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS**
[54] **MODULATEURS ALLOSTERIQUES ARYLE OU HETEROARYLE A 6 CHAINONS SUBSTITUES DE RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE**
[72] CROWLEY, BRENDAN M., US
[72] BELL, IAN M., US
[72] HARVEY, ANDREW JOHN, AU
[72] CAMPBELL, BRIAN T., US
[72] GRESHOCK, THOMAS J., US
[72] RADA, VANESSA L., US
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-04-18
[86] 2017-10-30 (PCT/US2017/058931)
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[51] **Int.Cl. A61K 31/18 (2006.01) C07C 311/08 (2006.01)**
[25] EN
[54] **SUBSTITUTED BICYCLIC HETEROARYL ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS**
[54] **MODULATEURS ALLOSTERIQUES HETEROARYLE BICYCLIQUES SUBSTITUES DE RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE**
[72] CROWLEY, BRENDAN M., US
[72] BELL, IAN M., US
[72] HARVEY, ANDREW JOHN, AU
[72] SHIPE, WILLIAM D., US
[72] LEAVITT, KENNETH J., US
[72] SANDERS, JOHN M., US
[72] GUIADEEN, DEODIAL G., US
[72] SUEN, LINDA M., US
[72] GRESHOCK, THOMAS J., US
[72] RADA, VANESSA L., US
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-04-18
[86] 2017-10-30 (PCT/US2017/058933)
[87] (WO2018/085171)
[30] US (62/415,788) 2016-11-01
[30] US (62/558,606) 2017-09-14

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[51] **Int.Cl. A61B 5/107 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **SURGICAL DEPTH INSTRUMENT HAVING NEUROMONITORING CAPABILITIES**
[54] **INSTRUMENT CHIRURGICAL DE PROFONDEUR AYANT DES CAPACITES DE NEUROSURVEILLANCE**
[72] JACOBS, JORDAN N., US
[72] WILSON, CHRISTOPHER, US
[72] RIOUX, ROBERT F., US
[71] EDGE SURGICAL, INC., US
[85] 2019-04-18
[86] 2017-11-02 (PCT/US2017/059714)
[87] (WO2018/085537)
[30] US (62/417,046) 2016-11-03
[30] US (62/471,873) 2017-03-15
[30] US (62/554,470) 2017-09-05

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[51] **Int.Cl. C07K 14/55 (2006.01) C12N 5/0783 (2010.01) A61K 38/00 (2006.01)**
[25] EN
[54] **IL-2 VARIANTS FOR THE TREATMENT OF AUTOIMMUNE DISEASES**
[54] **VARIANTS D'IL-2 POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] GREVE, JEFFREY, US
[71] DELINIA, INC., US
[85] 2019-04-18
[86] 2017-11-08 (PCT/US2017/060534)
[87] (WO2018/089420)
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[51] **Int.Cl. C23C 22/05 (2006.01)**
[25] EN
[54] **USE OF PREFORMED REACTION PRODUCTS OF CATECHOL COMPOUNDS AND FUNCTIONALIZED CO-REACTANT COMPOUNDS TO REDUCE OXIDATION OF BARE METAL SURFACES**
[54] **UTILISATION DE PRODUITS DE REACTION PREFORMES DE COMPOSES DE CATECHOL ET DE COMPOSES CO-REACTIFS FONCTIONNALISES POUR REDUIRE L'OXYDATION DE SURFACES METALLIQUES NUES**
[72] RECTOR, LOUIS PATRICK, US
[72] VONK, DONALD ROBB, US
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-04-18
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[87] (WO2018/119373)
[30] US (62/437,696) 2016-12-22

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[51] **Int.Cl. A43B 7/16 (2006.01) A43B 7/20 (2006.01) A61F 5/042 (2006.01) A61F 5/048 (2006.01) A61F 5/14 (2006.01)**
[25] EN
[54] **ORTHOPEDIC WALKING BOOT HAVING A MECHANICALLY ADJUSTABLE RAMP INSERT**
[54] **CHAUSSURE DE MARCHE ORTHOPEDIQUE COMPRENANT UN INSERT DE RAMPE MECANIQUEMENT AJUSTABLE**
[72] ORR, DAVID, US
[71] DJO, LLC, US
[85] 2019-04-18
[86] 2017-11-08 (PCT/US2017/060663)
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[30] US (62/419,825) 2016-11-09

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[13] A1
[51] **Int.Cl. G06F 1/26 (2006.01) H01M 10/623 (2014.01) G06F 1/20 (2006.01) H02J 1/14 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **DYNAMIC EXTERNAL POWER RESOURCE SELECTION**
[54] **SELECTION DYNAMIQUE DE RESSOURCES ENERGETIQUES EXTERNES**
[72] JAHAGIRDAR, ANIRUDDHA JAYANT, US
[72] CHANDRA, RANVEER, US
[72] SCHWARTZ, JAMES ANTHONY, JR., US
[72] MAISURIA, PARESH, US
[72] HOLLE, MATTHEW, US
[72] SOLIMAN, M. NASHAAT, US
[72] DAKEN, AACER HATEM, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-04-18
[86] 2017-11-09 (PCT/US2017/060736)
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[30] US (15/353,548) 2016-11-16

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-OX40 ANTIBODIES, ANTI-GITR ANTIBODIES, AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-OX40, ANTICORPS ANTI-GITR, ET LEURS PROCEDES D'UTILISATION**
[72] WILSON, NICHOLAS S., US
[72] WAIGHT, JEREMY D., US
[72] UNDERWOOD, DENNIS J., US
[72] BREOUS-NYSTROM, EKATERINA V., CH
[72] RITTER, GERD, US
[72] SCHAER, DAVID, US
[72] HIRSCHHORN-CYMERMAN, DANIEL, US
[72] MERGHOUB, TAHA, US
[72] VAN DIJK, MARC, NL
[71] AGENUS INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD., CH
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[54] **METHOD FOR CONFIGURING AN INTERNET SERVICE PROVIDER**
[54] **PROCEDE DE CONFIGURATION D'UN FOURNISSEUR DE SERVICES INTERNET**
[72] BRAININ, DAVID, AT
[71] TICO TELECOMMUNICATION INNOVATION GMBH, AT
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[86] 2016-10-19 (PCT/AT2016/060083)
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[51] **Int.Cl. B62D 5/00 (2006.01) B62D 6/00 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **HIGH SPEED STRAIGHT AHEAD TILLER DESENSITIZATION**
[54] **DESENSIBILISATION DE ROTOCULTEUR EN LIGNE DROITE A GRANDE VITESSE**
[72] MANGETTE, STEPHEN T., US
[71] CROWN EQUIPMENT CORPORATION, US
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[25] EN
[54] **IMPROVED PROCESS OF PREPARING MRNA-LOADED LIPID NANOPARTICLES**
[54] **PROCEDE AMELIORE DE PREPARATION DE NANOPARTICULES LIPIDIQUES CHARGEES D'ARNM**
[72] KARVE, SHRIRANG, US
[72] DEROSA, FRANK, US
[72] BHAVSAR, ZARNA, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
[85] 2019-04-18
[86] 2017-11-10 (PCT/US2017/061113)
[87] (WO2018/089801)
[30] US (62/420,413) 2016-11-10
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[25] EN
[54] **POWDER COATING FORMULATION**
[54] **COMPOSITION DE PEINTURE PULVE´RULENTE**
[72] HINTERSTEINER, INGRID, AT
[72] HERZHOFF, CARSTEN, AT
[72] ROITNER, THOMAS, AT
[72] BUCHINGER, GERHARD, AT
[71] TIGER COATINGS GMBH & CO. KG, AT
[85] 2019-04-23
[86] 2017-07-21 (PCT/EP2017/068463)
[87] (WO2018/015530)
[30] EP (16180541.1) 2016-07-21

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[54] **COMPOUNDS AND METHODS FOR REDUCING ATXN3 EXPRESSION**
[54] **COMPOSES ET PROCEDES POUR REDUIRE L'EXPRESSION D'ATXN3**
[72] FREIER, SUSAN M., US
[72] KORDASIEWICZ, HOLLY, US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2019-04-18
[86] 2017-11-10 (PCT/US2017/061121)
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[30] US (62/420,294) 2016-11-10

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[51] **Int.Cl. A62B 33/00 (2006.01)**
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[54] **BREATHING AID**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE**
[72] WERZ, MATTHIAS, DE
[71] WERZ INNOVATIONS GMBH, DE
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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **VARIABLE SUB-PACKET LENGTHS FOR TELEGRAM SPLITTING IN NETWORKS WITH LOW POWER CONSUMPTION**
[54] **LONGUEURS DE SOUS-PAQUETS VARIABLES POUR LA SEGMENTATION DE TELEGRAMMES DANS DES RESEAUX A FAIBLE CONSOMMATION D'ENERGIE**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ROBERT, JORG, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[72] ERETH, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
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[25] EN
[54] **SUBCUTANEOUS DELIVERY OF MESSENGER RNA**
[54] **ADMINISTRATION SOUS-CUTANEE D'ARN MESSAGER**
[72] KARVE, SHRIRANG, US
[72] DEROSA, FRANK, US
[72] BHAVSAR, ZARNA, US
[72] HEARTLEIN, MICHAEL, US
[71] TRANSLATE BIO, INC., US
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[25] EN
[54] **USE OF PYRAZIFLUMID FOR CONTROLLING SCLEROTINIA SPP IN SEED TREATMENT APPLICATIONS**
[54] **UTILISATION DE PYRAZIFLUMIDE POUR LUTTER CONTRE SCLEROTINIA SPP DANS DES APPLICATIONS DE TRAITEMENT DE SEMENCES**
[72] SAWADA, HARUKO, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2019-04-23
[86] 2017-10-19 (PCT/EP2017/076667)
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[25] EN
[54] **PASTEURIZATION PLANT AND METHOD OF OPERATING A PASTEURIZATION PLANT**
[54] **INSTALLATION DE PASTEURISATION ET PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION DE PASTEURISATION**
[72] DEMOULIN, GUNNAR, AT
[72] CONCIN, ROLAND, AT
[72] RINDERER, CHRISTIAN, AT
[71] RED BULL GMBH, AT
[85] 2019-04-23
[86] 2017-10-27 (PCT/AT2017/060289)
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[51] **Int.Cl. B29C 43/18 (2006.01) B29C 43/32 (2006.01)**
[25] EN
[54] **CASTED BLOCK MOLDING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MOULAGE DE BLOCS COULES**
[72] CICCARELLO, CHARLES, CA
[72] HAVILL, IAN, CA
[72] BRASSARD, JEAN-MICHEL, CA
[71] TECHO-BLOC INC., CA
[85] 2019-04-23
[86] 2016-12-15 (PCT/CA2016/051487)
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[51] **Int.Cl. A61K 33/36 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ARSENIC COMPOSITIONS**
[54] **COMPOSITIONS D'ARSENIC**
[72] EUTICK, MALVIN, AU
[71] EUPHARMA PTY LTD, AU
[85] 2019-04-23
[86] 2017-08-02 (PCT/AU2017/050807)
[87] (WO2018/098519)
[30] AU (2016904945) 2016-12-01

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[25] EN
[54] **TREATMENT FOR PROGRESSIVE MULTIPLE SCLEROSIS**
[54] **TRAITEMENT POUR LA SCLEROSE EN PLAQUES PROGRESSIVE**
[72] YONG, VOON WEE, CA
[72] FAISSNER, SIMON, DE
[72] KOCH, MARCUS, CA
[72] MICHAELS, NATHAN JAMES, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2019-04-23
[86] 2017-10-24 (PCT/CA2017/051269)
[87] (WO2018/076108)
[30] US (62/412,534) 2016-10-25

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[51] **Int.Cl. B03D 1/012 (2006.01) C02F 1/24 (2006.01) C02F 1/62 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING HEAVY METALS FROM AN AQUEOUS SOLUTION**
[54] **PROCEDE D'ELIMINATION DE METAUX LOURDS CONTENUS DANS UNE SOLUTION AQUEUSE**
[72] PASHLEY, RICHARD MARK, AU
[72] RAHMAN, ABUL FAZAL MOHAMMED MOKHLESUR, AU
[72] MAKAVIPOUR, FATEMEH, AU
[72] TASEIDIFAR, MOJTABA, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2019-04-23
[86] 2017-10-20 (PCT/AU2017/051145)
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[30] AU (2016904251) 2016-10-20

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[51] **Int.Cl. C21B 13/00 (2006.01) C21B 15/00 (2006.01) C22B 5/00 (2006.01) H05B 6/64 (2006.01)**
[25] EN
[54] **PRODUCTION OF IRON**
[54] **PROCEDE DE PRODUCTION DE FER**
[72] BUCKLEY, MICHAEL, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2019-04-23
[86] 2017-10-24 (PCT/AU2017/051163)
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[30] AU (2016904312) 2016-10-24

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[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/00 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DIABETES, HYPERTENSION AND HYPERCHOLESTEROLEMIA**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU DIABETE, DE L'HYPERTENSION ET DE L'HYPERCHOLESTEROLEMIE**
[72] THAI, NGOC, US
[72] POLLETT, JONATHAN, US
[71] IMAGINE PHARMA, US
[85] 2019-04-18
[86] 2017-11-13 (PCT/US2017/061343)
[87] (WO2018/089909)
[30] US (62/421,332) 2016-11-13

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[51] **Int.Cl. A63B 69/00 (2006.01) E04H 4/00 (2006.01) F04D 35/00 (2006.01)**
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[54] **NON-CONTACT LIQUID SEALING ACTUATOR SYSTEM**
[54] **SYSTEME D'ACTIONNEUR SANS CONTACT A ETANCHEITE HYDRAULIQUE**
[72] SIDWELL, CHRISTOPHER ROY, AU
[72] TREVIS, AARON JAMES, AU
[71] SURF LAKES HOLDINGS LTD, AU
[85] 2019-04-23
[86] 2017-11-22 (PCT/AU2017/051287)
[87] (WO2018/094459)
[30] AU (2016904777) 2016-11-22

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **CONTROL CHANNEL CONFIGURATION AND TIMING FOR AUTONOMOUS UPLINK**
[54] **CONFIGURATION ET SYNCHRONISATION DE CANAL DE COMMANDE DESTINEES A UNE LIAISON MONTANTE AUTONOME**
[72] CHENG, PENG, US
[72] PATEL, CHIRAG, US
[72] CHANDE, VINAY, US
[72] KADOUS, TAMER, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-04-23
[86] 2016-12-07 (PCT/CN2016/108811)
[87] (WO2018/103002)

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[51] **Int.Cl. H04L 5/00 (2006.01) H04B 1/7156 (2011.01)**
[25] EN
[54] **OPTIMIZED HOPPING PATTERNS FOR DIFFERENT SENSOR NODES AND VARIABLE DATA LENGTHS ON THE BASIS ON THE TELEGRAM SPLITTING TRANSMISSION METHOD**
[54] **MODELES DE SAUT OPTIMISES POUR DIFFERENTS NOEUDS DE CAPTEURS ET LONGUEURS DE DONNEES VARIABLES SUR LA BASE DU PROCEDE DE TRANSMISSION AVEC SEGMENTATION DE TELEGRAMMES**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ROBERT, JORG, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[85] 2019-04-23
[86] 2017-10-24 (PCT/EP2017/076938)
[87] (WO2018/077770)
[30] DE (10 2016 220 882.9) 2016-10-24

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[51] **Int.Cl. G01B 3/10 (2006.01) G01C 3/00 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **DISTANCE MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE DISTANCE**
[72] LI, YUEMING, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2019-04-23
[86] 2016-10-25 (PCT/CN2016/103242)
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[51] **Int.Cl. C12N 5/071 (2010.01) A01N 1/02 (2006.01) G01N 1/28 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **WASH SOLUTION AND METHOD TO REMEDIATE LUBRICANT CONTAMINATION**
[54] **SOLUTION DE LAVAGE ET PROCEDE POUR REMEDIER A UNE CONTAMINATION PAR UN LUBRIFIANT**
[72] COFFMAN, ERIN, US
[72] HECHT, STEVEN, US
[72] MACLEAN, PAUL, US
[71] HOLOGIC, INC., US
[85] 2019-04-18
[86] 2017-11-15 (PCT/US2017/061841)
[87] (WO2018/093927)
[30] US (15/357,872) 2016-11-21

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[51] **Int.Cl. G06F 9/445 (2018.01)**
[25] EN
[54] **APPLICATION STARTUP CONTROL METHOD AND CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE ET APPAREIL DE COMMANDE POUR DEMARRER UNE APPLICATION**
[72] HU, HUIFENG, CN
[72] LI, JIECHUN, CN
[72] SU, XIAODONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-04-23
[86] 2017-10-19 (PCT/CN2017/106839)
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[30] CN (201610915687.0) 2016-10-20

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[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/06 (2006.01) A61K 8/22 (2006.01) A61K 8/81 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **MULTI-PHASE ORAL COMPOSITION**
[54] **COMPOSITION ORALE A PHASES MULTIPLES**
[72] RAJAIAH, JAYANTH, US
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-04-18
[86] 2017-10-23 (PCT/US2017/057872)
[87] (WO2018/080995)
[30] US (62/413,214) 2016-10-26
[30] US (62/413,189) 2016-10-26
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[30] US (62/413,229) 2016-10-26
[30] US (62/413,237) 2016-10-26
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[30] US (62/413,200) 2016-10-26

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/409 (2006.01) A61K 41/00 (2006.01) A61P 17/00 (2006.01) A61P 27/02 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW CHLORIN E6 DERIVATIVE AND PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND PROCESS FOR PREPARING AND USE OF THE SAME**
[54] **NOUVEAU DERIVE DE CHLORINE E6 ET SES SELS PHARMACEUTIQUEMENT ACCEPTABLES, SA METHODE DE PREPARATION ET SON APPLICATION**
[72] SHANG, HUA, CN
[71] LIU, HUI, CN
[85] 2019-04-23
[86] 2016-12-28 (PCT/CN2016/112586)
[87] (WO2018/076526)
[30] CN (201610946874.5) 2016-10-26

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[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/27 (2006.01)**
[25] EN
[54] **INTERLEAVING FOR THE TRANSFER OF TELEGRAMS WITH A VARIABLE NUMBER OF SUB-PACKETS AND SUCCESSIVE DECODING**
[54] **ENTRELACEMENT POUR LA TRANSMISSION DE TELEGRAMMES A NOMBRE VARIABLE DE SOUS-PAQUETS ET DECODAGE SUCCESSIF**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ROBERT, JORG, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
[85] 2019-04-23
[86] 2017-10-23 (PCT/EP2017/076939)
[87] (WO2018/077771)
[30] DE (10 2016 220 886.1) 2016-10-24

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[13] A1
[51] **Int.Cl. A23C 19/05 (2006.01) A23L 33/16 (2016.01) A23C 19/08 (2006.01) A23C 19/14 (2006.01) A23J 3/08 (2006.01) B01F 3/20 (2006.01) B01F 3/22 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A HEAT-TREATED CHEESE**
[54] **PROCEDE DE FABRICATION D'UN FROMAGE TRAITE THERMIQUEMENT**
[72] ZIEMANN, MICHELLE, US
[72] ARECHIGA, VALERIE, US
[72] PERRY, DAVID, US
[72] WARD, LOREN, US
[71] GLANBIA NUTRITIONALS (IRELAND) LTD., IE
[85] 2019-04-18
[86] 2017-10-23 (PCT/US2017/057921)
[87] (WO2018/076021)
[30] US (62/411,457) 2016-10-21

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[51] **Int.Cl. F03D 1/00 (2006.01) F03D 80/80 (2016.01) A62C 3/00 (2006.01) F24F 7/00 (2006.01)**
[25] EN
[54] **WIND TURBINE AND METHOD FOR SUCTIONING SMOKE IN A WIND TURBINE**
[54] **EOLIENNE ET PROCEDE D'EVACUATION DE FUMEE DANS UNE EOLIENNE**
[72] KNOOP, FRANK, DE
[72] COORDES, IHNO, DE
[72] GRUNHAGEL, JORG, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-04-23
[86] 2017-11-10 (PCT/EP2017/078850)
[87] (WO2018/108402)
[30] DE (10 2016 124 016.8) 2016-12-12

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[13] A1
[51] **Int.Cl. B64B 1/14 (2006.01)**
[25] EN
[54] **AIRSHIP CONSTRUCTION AND METHOD WHERE A HARNESS-STRUCTURE IS FASTENED AROUND A HULL**
[54] **STRUCTURE DE DIRIGEABLE ET PROCEDE DANS LEQUEL UNE STRUCTURE DE HARNAIS EST FIXEE AUTOUR D'UNE COQUE**
[72] VESTERGAARD FRANDSEN, MIKKEL, CH
[72] DALSGAARD, CHRISTIAN, DK
[72] KLITGAARD, ANDERS, DK
[71] SCEYE SARL, CH
[85] 2019-04-23
[86] 2017-10-23 (PCT/EP2017/077008)
[87] (WO2018/077805)
[30] US (62/411,756) 2016-10-24

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[13] A1
[51] **Int.Cl. C07C 63/08 (2006.01) A61P 25/18 (2006.01) A61P 25/26 (2006.01) A61P 25/28 (2006.01) C30B 28/00 (2006.01) C30B 29/00 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORMS OF SODIUM BENZOATE AND USES THEREOF**
[54] **FORMES POLYMORPHES DE BENZOATE DE SODIUM ET LEURS UTILISATIONS**
[72] TSAI, GUOCHUAN EMIL, CN
[72] WANG, CHING-CHENG, CN
[72] HSIEH, TIEN-LAN, CN
[71] SYNEURX INTERNATIONAL (TAIWAN) CORP., CN
[85] 2019-04-23
[86] 2017-10-24 (PCT/CN2017/107436)
[87] (WO2018/077157)
[30] US (62/412,160) 2016-10-24
[30] US (15/452,137) 2017-03-07

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[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **RECTAL INSULIN FOR TREATMENT OF INFLAMMATORY BOWEL DISEASES**
[54] **INSULINE RECTALE POUR LE TRAITEMENT DE MALADIES INTESTINALES INFLAMMATOIRES**
[72] OLSEN, JORGEN, DK
[72] YASSIN, MOHAMMAD TAHA, DK
[72] PEDERSEN, ELM ANDERS, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2019-04-23
[86] 2017-11-10 (PCT/EP2017/078900)
[87] (WO2018/087298)
[30] EP (16198633.6) 2016-11-14

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[13] A1
[51] **Int.Cl. C02F 1/72 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING WASTEWATER AND WASTEWATER SLUDGE USING A PERCARBOXYLIC ACID**
[54] **PROCEDE DE TRAITEMENT D'EAUX USEES ET DE BOUES D'EPURATION A L'AIDE D'UN ACIDE PERCARBOXYLIQUE**
[72] ALLEN, JAMES CURRIE, CA
[72] MARIGA, TAFADZWA, US
[71] KEMIRA OYJ, FI
[85] 2019-04-23
[86] 2017-11-17 (PCT/FI2017/050791)
[87] (WO2018/091784)
[30] US (62/423,870) 2016-11-18

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[25] EN
[54] **A LIGHTER-THAN-AIR VEHICLE WITH A HULL, A LAMINATE FOR SUCH HULL AND A METHOD OF PRODUCTION OF SUCH LAMINATE**
[54] **VEHICULE PLUS LEGER QUE L'AIR POURVU D'UNE COQUE, STRATIFIE POUR UNE TELLE COQUE ET PROCEDE DE FABRICATION D'UN TEL STRATIFIE**
[72] VESTERGAARD FRANDSEN, MIKKEL, CH
[72] KIM, DAVID, US
[72] BRADFORD, PHILIP DAVID, US
[72] SEYAM, ABDEL-FATTAH MOHAMED, US
[72] VALLABH, RAHUL, US
[72] LI, ANG, US
[71] SCEYE SARL, CH
[85] 2019-04-23
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[54] **A SIMPLIFIED PROCEDURE FOR THE PREPARATION OF DARUNAVIR**
[54] **PROCEDURE SIMPLIFIEE POUR LA PREPARATION DE DARUNAVIR**
[72] STAPPERS, ALFRED ELISABETH, BE
[72] LANG, YOLANDE LYDIA, BE
[72] ROBINSON, SHANE BARRY, IE
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
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[51] **Int.Cl. A01M 1/14 (2006.01)**
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[54] **INSECT TRAP AND METHOD**
[54] **PIEGE A INSECTES ET PROCEDE**
[72] MCGOWAN, NEIL, GB
[72] LEIGH, ZAPHOD, GB
[71] KILLGERM GROUP LIMITED, GB
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[25] EN
[54] **BASE STATION, USER EQUIPMENT AND RELATED METHODS**
[54] **STATION DE BASE, EQUIPEMENT UTILISATEUR ET PROCEDES ASSOCIES**
[72] XIAO, FANGYING, CN
[72] YAMADA, SHOHEI, JP
[72] LIU, RENMAO, CN
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[30] CN (201610974524.X) 2016-11-04

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[51] **Int.Cl. A24B 15/16 (2006.01)**
[25] EN
[54] **PRE-VAPOR FORMULATION FOR FORMATION OF ORGANIC ACIDS DURING OPERATION OF AN E-VAPING DEVICE**
[54] **FORMULATION DE PREVAPEUR POUR LA FORMATION D'ACIDES ORGANIQUES PENDANT LE FONCTIONNEMENT D'UN DISPOSITIF DE VAPOTAGE**
[72] ANDERSON, ADAM N., US
[72] PITHAWALLA, YEZDI B., US
[72] SHAH, NITI H., US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-04-23
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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **OPTIMIZED COMBINATION OF PREAMBLE AND DATA FIELDS FOR SENSOR NETWORKS HAVING LOW ELECTRICITY CONSUMPTION ON THE BASIS OF THE TELEGRAM SPLITTING METHOD**
[54] **COMBINAISON OPTIMISEE DE PREAMBULES ET DE CHAMPS DE DONNEES POUR DES RESEAUX DE CAPTEURS A FAIBLE CONSOMMATION D'ENERGIE SUR LA BASE DU PROCEDE DE SEGMENTATION DE TELEGRAMMES**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ERETH, STEFAN, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **HEAT ACCUMULATOR SYSTEM**
[54] **SYSTEME ACCUMULATEUR DE CHALEUR**
[72] BERNEHED, AIKO, DE
[72] PERRONE, GIAN, DE
[71] HYPERION ENERGY UG (HAFTUNGSBESCHRANKT), DE
[85] 2019-04-23
[86] 2017-10-24 (PCT/EP2017/077102)
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[51] **Int.Cl. A01K 1/015 (2006.01) A01N 25/08 (2006.01)**
[25] EN
[54] **SUBSTRATE FOR CONTROLLING FLIES AND OTHER INSECTS, PRODUCTION METHOD THEREOF AND USE OF THE SUBSTRATE AS AN ANIMAL BED**
[54] **SUBSTRAT POUR L'ELIMINATION DES MOUCHES ET D'AUTRES INSECTES, SON PROCEDE DE FABRICATION ET UTILISATION DU SUBSTRAT EN TANT QUE LIT POUR DES ANIMAUX**
[72] MATEO HERRERO, MARIA PILAR, ES
[71] MATEO HERRERO, MARIA PILAR, ES
[85] 2019-04-23
[86] 2017-10-17 (PCT/ES2017/070684)
[87] (WO2018/073472)
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[51] **Int.Cl. B25J 19/00 (2006.01) A61H 1/02 (2006.01) B25J 9/00 (2006.01)**
[25] EN
[54] **FORCE-BALANCING SUPPORT, MECHANICAL APPARATUS AND WEARABLE SUPPORT DEVICE**
[54] **SUPPORT D'EQUILIBRAGE DE FORCE, APPAREIL MECANIQUE ET DISPOSITIF DE SUPPORT VESTIMENTAIRE**
[72] GENANI, GAURAV NARAYAN, NL
[71] SKEL-EX HOLDING B.V., NL
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[86] 2016-10-21 (PCT/IB2016/056355)
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[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR BALLISTIC ARMOR AND BALLISTIC ARMOR**
[54] **PROCEDE DE FABRICATION DE BLINDAGE ANTI-PROJECTILES ET BLINDAGE ANTI-PROJECTILES**
[72] NEULANIEMI, KARI, FI
[71] TACTICAL DESIGN AND TESTING SERVICES OY, FI
[85] 2019-04-23
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[25] EN
[54] **A METHOD AND SYSTEM FOR DETECTING A DIAMOND SIGNATURE**
[54] **PROCEDE ET SYSTEME DE DETECTION D'UNE SIGNATURE DIAMANT**
[72] MADDERSON, GEOFFREY HAROLD, ZA
[72] DEHLER, MARKUS, DE
[71] TOMRA SORTING GMBH, DE
[85] 2019-04-23
[86] 2017-10-24 (PCT/EP2017/077143)
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[51] **Int.Cl. A61B 3/00 (2006.01)**
[25] EN
[54] **REALISTIC EYE MODELS TO DESIGN AND EVALUATE INTRAOCULAR LENSES FOR A LARGE FIELD OF VIEW**
[54] **MODELES OCULAIRES REALISTES POUR MODELISER ET EVALUER DES LENTILLES INTRAOCULAIRES POUR UN GRAND CHAMP DE VISION**
[72] ROSEN, ROBERT, NL
[72] STATE, MIHAI, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] VAN DER MOOREN, MARRIE H., NL
[71] AMO GRONINGEN B.V., NL
[85] 2019-04-23
[86] 2017-10-24 (PCT/IB2017/001417)
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[25] EN
[54] **STABLE HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES STABLES**
[72] BHOGE, SATISH EKANATH, IN
[72] TALATI, PARESH VITHALDAS, IN
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LIMITED, IN
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[86] 2017-10-12 (PCT/IB2017/056311)
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[30] IN (201631036553) 2016-10-25

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[51] **Int.Cl. C12N 15/10 (2006.01) C07K 16/12 (2006.01) C12N 15/62 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PROTEIN SCREENING AND DETECTION METHOD**
[54] **PROCEDE DE CRIBLAGE ET DE DETECTION DE PROTEINES**
[72] SEEGER, MARKUS, CH
[72] EGLOFF, PASCAL, CH
[72] ZIMMERMANN, IWAN, CH
[71] UNIVERSITAT ZURICH, CH
[85] 2019-04-23
[86] 2017-10-30 (PCT/EP2017/077816)
[87] (WO2018/078167)
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[51] **Int.Cl. A61J 1/18 (2006.01) A61J 1/14 (2006.01) B65D 41/04 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **CONTAINER CAP WITH CONDITIONAL INDICATION AND LOCKING MECHANISM**
[54] **BOUCHON DE RECIPIENT A INDICATION CONDITIONNELLE ET MECANISME DE VERROUILLAGE**
[72] BENTKOVSKI, YAKOV, IL
[71] WATERIO LTD, IL
[85] 2019-04-23
[86] 2017-10-25 (PCT/IB2017/001422)
[87] (WO2018/078441)
[30] US (62/412,339) 2016-10-25

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[51] **Int.Cl. C22C 19/05 (2006.01)**
[25] FR
[54] **SUPERALLOY BASED ON NICKEL, MONOCRYSTALLINE BLADE AND TURBOMACHINE**
[54] **SUPERALLIAGE A BASE DE NICKEL, AUBE MONOCRISTALLINE ET TURBOMACHINE**
[72] RAME, JEREMY, FR
[72] BELAYGUE, PHILIPPE, FR
[72] CARON, PIERRE, FR
[72] DELAUTRE, JOEL, FR
[72] JAQUET, VIRGINIE, FR
[72] LAVIGNE, ODILE, FR
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2019-04-23
[86] 2017-10-24 (PCT/FR2017/052918)
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[25] EN
[54] **[1,2,4]TRIAZOLO[1,5-A]PYRIMIDINE DERIVATIVES AS PDE2 INHIBITORS**
[54] **DERIVES DE [1,2,4] TRIAZOLO [1,5-A] PYRIMIDINE EN TANT QU'INHIBITEURS DE PDE2**
[72] VAN ROOSBROECK, YVES EMIEL MARIA, BE
[72] VAN DEN KEYBUS, FRANS ALFONS MARIA, BE
[72] TRESADERN, GARY JOHN, ES
[72] BUIJNSTERS, PETER JACOBUS JOHANNES ANTONIUS, BE
[72] VELTER, ADRIANA INGRID, BE
[72] JACOBY, EDGAR, BE
[72] MACDONALD, GREGOR JAMES, BE
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE
[72] AHNAOU, ABDELLAH, BE
[72] DRINKENBURG, WILHELMUS HELENA IGNATIUS MARIA, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[87] (WO2018/083098)
[30] EP (16196924.1) 2016-11-02

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[51] **Int.Cl. B01J 47/10 (2017.01) C13B 20/14 (2011.01) B01J 49/05 (2017.01) B01D 15/02 (2006.01) C02F 1/42 (2006.01) C02F 9/02 (2006.01)**
[25] FR
[54] **PURIFICATION METHOD USING A LOW GRANULOMETRY RESIN**
[54] **PROCEDE DE PURIFICATION UTILISANT UNE RESINE DE FAIBLE GRANULOMETRIE**
[72] VALERY, ERIC, FR
[72] PRIEUR, CEDRIC, FR
[71] NOVASEP PROCESS, FR
[85] 2019-04-23
[86] 2017-11-22 (PCT/FR2017/053218)
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[30] FR (1661476) 2016-11-24

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[51] **Int.Cl. B28D 1/04 (2006.01) B28D 1/18 (2006.01) B27B 5/34 (2006.01)**
[25] EN
[54] **TOOL AND DEVICE FOR THE REMOVAL OF SURFACES**
[54] **OUTIL ET DISPOSITIF PERMETTANT D'ENLEVER DE LA MATIERE DE SURFACES**
[72] BOERSCH, FABIAN, DE
[72] DIETZ, KEVIN, DE
[72] FEIL, HARTMUT, DE
[72] GREB, JOHANNES, DE
[72] HAMMER, FABIAN, DE
[71] ENBW ENERGIE BADEN-WURTTEMBERG AG, DE
[85] 2019-04-23
[86] 2017-11-02 (PCT/EP2017/078077)
[87] (WO2018/083184)
[30] DE (10 2016 120 852.3) 2016-11-02

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[51] **Int.Cl. A61K 31/722 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01) C12P 19/14 (2006.01) C12P 19/26 (2006.01)**
[25] EN
[54] **CHITOOLIGOSACCHARIDE OF SPECIFIC STRUCTURE, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **CHITOOLIGOSACCHARIDE DE STRUCTURE SPECIFIQUE, PROCEDE DE PREPARATION ASSOCIE ET UTILISATION ASSOCIEE**
[72] DU, YUGUANG, CN
[72] CHENG, GONG, CN
[72] JIA, PEIYUAN, CN
[72] SUN, MING, CN
[72] JIAO, SIMING, CN
[72] REN, LISHI, CN
[72] FENG, CUI, CN
[71] ZHONGKE RUNXIN (SUZHOU) BIOLOGICAL TECHNOLOGY CO., LTD., CN
[85] 2019-04-23
[86] 2017-11-08 (PCT/CN2017/109990)
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[51] **Int.Cl. C07H 19/10 (2006.01) A61K 31/7068 (2006.01) C07H 1/06 (2006.01)**
[25] EN
[54] **SOLID FORM OF 4'-THIO-2'-FLUORONUCLEOSIDE PHOSPHAMIDE COMPOUND AND PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **FORME SOLIDE DU COMPOSE DE PHOSPHAMIDE 4'-THIO-2'-FLUORONUCLEOSIDE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] YANG, CHENGXI, CN
[72] LIANG, YUFENG, CN
[72] ZHOU, JIANGFENG, CN
[72] GE, JIANHUA, CN
[72] TIAN, QIANG, CN
[72] ZHAO, MINGLIANG, CN
[72] ZENG, HONG, CN
[72] ZHAO, FULU, CN
[72] HAN, JIANFENG, CN
[72] WANG, LICHUN, CN
[72] WANG, JINGYI, CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
[85] 2019-04-23
[86] 2017-12-15 (PCT/CN2017/116396)
[87] (WO2018/113592)
[30] CN (201611199468.3) 2016-12-22

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[51] **Int.Cl. C07H 19/10 (2006.01) A61K 31/7072 (2006.01) A61P 1/16 (2006.01) A61P 31/18 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) C07H 1/00 (2006.01) C07H 1/02 (2006.01)**
[25] EN
[54] **NUCLEOSIDE PHOSPHATE COMPOUND AND PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE DE PHOSPHATE NUCLEOSIDIQUE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] CAI, JIAQIANG, CN
[72] SONG, SHUAI, CN
[72] TIAN, QIANG, CN
[72] ZHANG, YITAO, CN
[72] HUANG, HAITAO, CN
[72] ZHONG, GUOQING, CN
[72] ZHONG, WEI, CN
[72] HAO, YONGJIA, CN
[72] ZHAO, MINGLIANG, CN
[72] ZENG, HONG, CN
[72] SONG, HONGMEI, CN
[72] ZHOU, XIN, CN
[72] LIU, YAO, CN
[72] TAN, YUTING, CN
[72] WANG, LICHUN, CN
[72] WANG, JINGYI, CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
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[86] 2017-12-19 (PCT/CN2017/117126)
[87] (WO2018/113652)
[30] CN (201611204909.4) 2016-12-23
[30] CN (201710059345.8) 2017-01-24
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[51] **Int.Cl. C07D 211/60 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING 5R-[(BENZYLOXY) AMINO] PIPERIDINE-2S-CARBOXYLATE AND OXALATES THEREOF**
[54] **PROCEDE AMELIORE DE PREPARATION DE 5R-BENZYLOXYAMINOPIPERIDINE-2S-FORMIATE ET OXALATE DE CELUI-CI**
[72] WANG, BAOLIN, CN
[72] QI, YUXIN, CN
[72] ZHAO, YINLONG, CN
[72] TENG, YUQI, CN
[72] CHEN, JUN, CN
[72] JU, LIZHU, CN
[72] LI, XINFA, CN
[71] XINFA PHARMACEUTICAL CO., LTD, CN
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[87] (WO2019/033746)
[30] CN (201710714244.X) 2017-08-18

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[13] A1
[51] **Int.Cl. C07D 471/08 (2006.01) C07D 211/60 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING AN INTERMEDIATE FOR AVIBACTAM**
[54] **PROCEDE DE PREPARATION D'UN INTERMEDIAIRE D'AVIBACTAM**
[72] QI, YUXIN, CN
[72] LI, XINFA, CN
[72] WANG, BAOLIN, CN
[72] QU, HU, CN
[72] XU, XIN, CN
[72] JU, LIZHU, CN
[71] XINFA PHARMACEUTICAL CO., LTD, CN
[85] 2019-04-23
[86] 2018-03-06 (PCT/CN2018/078070)
[87] (WO2019/075984)
[30] CN (201710968060.6) 2017-10-18

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/00 (2006.01) A61K 39/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS, COMPOSITIONS AND DOSING REGIMENS FOR TREATING OR PREVENTING INTERFERON-GAMMA RELATED INDICATIONS**
[54] **PROCEDES, COMPOSITIONS ET SCHEMAS POSOLOGIQUES POUR TRAITER OU PREVENIR DES INDICATIONS ASSOCIEES A L'INTERFERON GAMMA**
[72] DE MIN, CRISTINA, CH
[72] FERLIN, WALTER, CH
[72] DE BENEDETTI, FABRIZIO, CH
[71] NOVIMMUNE S.A., CH
[71] DE MIN, CRISTINA, CH
[71] FERLIN, WALTER, CH
[71] DE BENEDETTI, FABRIZIO, CH
[85] 2019-04-23
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[87] (WO2018/078442)
[30] US (62/411,783) 2016-10-24

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[51] **Int.Cl. A61B 90/00 (2016.01)**
[25] EN
[54] **TISSUE EXPANDERS, METHODS OF MANUFACTURING AND MOLDS THEREOF**
[54] **EXTENSEURS DE TISSU, LEURS PROCEDES DE FABRICATION ET MOULES ASSOCIES**
[72] MARTINEZ, NICOLE, CR
[72] ARAUJO, NATHALIA, CR
[72] DE MEZERVILLE, ROBERTO, CR
[72] QUIROS, JUAN JOSE CHACON, CR
[71] ESTABLISHMENT LABS S.A., CR
[85] 2019-04-23
[86] 2017-10-27 (PCT/IB2017/001449)
[87] (WO2018/078446)
[30] US (62/414,269) 2016-10-28

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[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01)**
[25] EN
[54] **WOMEN'S UNDERGARMENT**
[54] **SOUS-VETEMENT FEMININ**
[72] HIRAKUBO, AKIYO, JP
[71] GOLD FLAG LTD., JP
[85] 2019-04-23
[86] 2016-10-27 (PCT/JP2016/004731)
[87] (WO2018/078673)

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[13] A1
[51] **Int.Cl. C07D 471/08 (2006.01)**
[25] EN
[54] **A SIMPLE PROCESS FOR PREPARING AN INTERMEDIATE FOR AVIBACTAM**
[54] **PROCEDE DE PREPARATION SIMPLE POUR UN INTERMEDIAIRE D'AVIBACTAM**
[72] QI, YUXIN, CN
[72] LI, XINFA, CN
[72] WANG, BAOLIN, CN
[72] XU, XIN, CN
[72] ZHAO, YINLONG, CN
[72] TENG, YUQI, CN
[71] XINFA PHARMACEUTICAL CO., LTD, CN
[85] 2019-04-23
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[87] (WO2019/075990)
[30] CN (201710968330.3) 2017-10-18

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[13] A1
[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **CONNECTOR-ATTACHED OPTICAL FIBER CORD**
[54] **CORDON DE FIBRE OPTIQUE AVEC CONNECTEUR**
[72] NGUYEN, THAO THI THANH, JP
[72] FUJIWARA, KUNIHIKO, JP
[72] WATANABE, JUNYA, JP
[71] FUJIKURA LTD., JP
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[54] **WELDED MEMBER AND METHOD FOR MANUFACTURING SAME**
[54] **ELEMENT SOUDE ET SON PROCEDE DE FABRICATION**
[72] HOSOMI, KAZUAKI, JP
[72] NOBUTOKI, TOMOKAZU, JP
[72] NAKAKO, TAKEFUMI, JP
[71] NIPPON STEEL NISSHIN CO., LTD., JP
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[54] **DEVICES, SYSTEMS, AND METHODS FOR SPECIALIZING, MONITORING, AND/OR EVALUATING THERAPEUTIC NASAL NEUROMODULATION**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE SPECIALISATION, DE SURVEILLANCE ET/OU D'EVALUATION D'UNE NEUROMODULATION NASALE THERAPEUTIQUE**
[72] TOWNLEY, DAVID, IE
[72] SHIELDS, BRIAN, IE
[72] KEOGH, IVAN, IE
[72] DOCKERY, PETER, IE
[72] O'BRIEN, IAN STEPHEN, IE
[72] O'HALLORAN, MARTIN, IE
[72] PORTER, EMILY ELIZABETH, IE
[72] JONES, MARGGIE, IE
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
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[54] **DYE-SUBLIMATION INKJET PRINTING FOR TEXTILE**
[54] **IMPRESSION PAR JET D'ENCRE PAR SUBLIMATION DE COLORANT POUR TEXTILE**
[72] SHIMONI, ALLON, IL
[72] MOZEL, JACOB (DECEASED), IL
[71] KORNIT DIGITAL LTD., IL
[85] 2019-04-23
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[54] **METHOD FOR DETECTING TARGET BASE SEQUENCE, METHOD FOR DESIGNING AND PRODUCING PROBES, AND KIT**
[54] **PROCEDE DE DETECTION D'UNE SEQUENCE DE BASE CIBLE, PROCEDE DE CONCEPTION ET DE PRODUCTION DE SONDE, ET KIT**
[72] MICHIYUKI, SATORU, JP
[72] KANDA, HIDETOSHI, JP
[71] EIKEN KAGAKU KABUSHIKI KAISHA, JP
[85] 2019-04-23
[86] 2017-10-25 (PCT/JP2017/038458)
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[54] **UNDERGROUND HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR SOUTERRAIN**
[72] YASUMOTO, SATOSHI, JP
[71] ECO-PLANNER CO., LTD., JP
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[54] **SIGNALISATION D'EVENEMENT DYNAMIQUE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **SYSTEMS AND METHODS FOR THERMAL GRADIENT PRECONDITIONING FOR SELECTIVE PHOTOTHERMAL TARGETING**
[54] **SYSTEMES ET PROCEDES DE PRECONDITIONNEMENT A GRADIENT THERMIQUE POUR CIBLAGE PHOTOTHERMIQUE SELECTIF**
[72] SAKAMOTO, FERNANDA H., US
[72] ANDERSON, R. ROX, US
[72] FARINELLI, WILLIAM A., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **APTAMERE DE LIAISON AU TNF-ALPHA, ET UTILISATION THERAPEUTIQUE**
[72] KIM, SUNG CHUN, KR
[71] BIOIS CO.,LTD, KR
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[54] **OREILLER POUR LE COU**
[72] BRASK, BENT, NO
[71] FREBRA HOLDING AS, NO
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[54] **NECKBALANCE**
[54] **DISPOSITIF D'EQUILIBRAGE DU COU**
[72] BRASK, BENT, NO
[71] FREBRA HOLDING AS, NO
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[86] 2017-10-27 (PCT/NO2017/050276)
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[54] **SYSTEMS AND METHODS FOR CONTROLLING ACCESS TO MEDIA ASSETS USING TWO-FACTOR AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES DE CONTROLE D'ACCES A DES ACTIFS DE MEDIA A L'AIDE D'UNE AUTHENTIFICATION A DEUX FACTEURS**
[72] SREEKANTH, HARSHITH KUMAR, IN
[72] DHARWA, ASHWINI, IN
[72] KUMAR, SOURABH, IN
[72] AGARWAL, SUKANYA, IN
[71] ROVI GUIDES, INC., US
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[54] **STENT OF AORTIC VALVE IMPLANTED TRANSCATHETERLY**
[54] **STENT DE VALVE AORTIQUE IMPLANTE PAR CATHETERISME**
[72] CHODOR, PIOTR, PL
[71] CHODOR, PIOTR, PL
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[54] **NEW GROUP OF PEPTIDES FOR TREATING FEMALE SEXUAL DYSFUNCTION**
[54] **NOUVEAU GROUPE DE PEPTIDES POUR TRAITER LES TROUBLES SEXUELS CHEZ LA FEMME**
[72] MYASOEDOV, NIKOLAI FEDOROVICH, RU
[72] ANDREEVA, LYUDMILA ALEXANDROVNA, RU
[72] GOLIKOV, DMITRY VIKTOROVICH, RU
[72] LOMONOSOV, MIKHAIL YURIEVICH, RU
[71] COMPANY LIMITED "IVIX", RU
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[54] **FIRST COMMUNICATION DEVICE AND METHODS THEREBY FOR INITIATING TRANSMISSION BASED ON AN OBTAINED SET OF CORRESPONDENCES**
[54] **PREMIER DISPOSITIF DE COMMUNICATION ET PROCEDES PERMETTANT DE LANCER UNE TRANSMISSION SUR LA BASE D'UN ENSEMBLE DE CORRESPONDANCES OBTENU**
[72] THURFJELL, MAGNUS, SE
[72] OKVIST, PETER, SE
[72] SIMONSSON, ARNE, SE
[72] JONSSON, SVEN-OLOF, SE
[72] PETERSSON, SVEN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **IMPROVED METHODS AND DEVICES FOR ACCURATE DIAGNOSIS OF INFECTIONS**
[54] **PROCEDES ET DISPOSITIFS AMELIORES POUR UN DIAGNOSTIC PRECIS D'INFECTIONS**
[72] SAMBURSKY, ROBERT P., US
[72] VANDINE, ROBERT W., US
[72] BABU, UMA MAHESH, US
[71] RAPID PATHOGEN SCREENING, INC., US
[85] 2019-04-23
[86] 2016-10-21 (PCT/US2016/058031)
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[54] **BED BUGS DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION DE PUNAISES DE LIT**
[72] ZIN, BENEDICT LOUIS, US
[72] HALL, WILLIAM JOHN, US
[72] STURMAN, ANDY, US
[72] WANG, MIN, US
[71] ZIN, BENEDICT LOUIS, US
[71] REDCOAT SOLUTIONS, INC., US
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[54] **ANTI-BED BUG MONOCLONAL ANTIBODIES AND METHODS OF MAKING AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX ANTI-PUNAISES DE LIT ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] HALL, WILLIAM JOHN, US
[72] WANG, MIN, US
[71] REDCOAT SOLUTIONS, INC., US
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[54] **COMPOSITION DE MODELISATION OPTIQUE TRIDIMENSIONNELLE**
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[72] NISHIGAKI, NAOKI, JP
[71] KURARAY NORITAKE DENTAL INC., JP
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[54] **ELECTRODE PORTATIVE**
[72] ISHIHARA, TAKAKO, JP
[72] TAKAGAHARA, KAZUHIKO, JP
[72] TAKARADA, HIROMI, JP
[72] ISHIKAWA, EMIKO, JP
[72] SATO, MASANOBU, JP
[72] MURAKAMI, YASUHARU, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **FIREARM CLEANING SHELL**
[54] **CARTOUCHE DE NETTOYAGE D'ARME A FEU**
[72] WHITWORTH, JAMES, US
[71] MIDWEST OUTDOOR HOLDINGS LLC, US
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[54] **APPARATUS AND METHOD FOR DYNAMIC ACOUSTO-ELASTICITY TECHNIQUE MEASUREMENTS AT SIMULATED SUBSURFACE PRESSURES**
[54] **APPAREIL ET PROCEDE DE MESURES AVEC UNE TECHNIQUE D'ACOUSTO-ELASTICITE DYNAMIQUE A DES PRESSIONS SOUTERRAINES SIMULEES**
[72] ROBERTS, PETER M., US
[72] GOODMAN, HARVEY E., US
[72] REMILLIEUX, MARCEL C., US
[71] TRIAD NATIONAL SECURITY, LLC, US
[71] CHEVRON U.S.A. INC., US
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[54] **WIPES WARMER AND THE METHOD OF DISPENSING AND WARMING WIPES**
[54] **CHAUFFE-LINGETTES ET PROCEDE DE DISTRIBUTION ET DE RECHAUFFAGE DE LINGETTES**
[72] MCCONNELL, THOMAS E., US
[71] MCCONNELL, THOMAS E., US
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION ANONYME DE FOURNISSEUR A RECEVEUR**
[72] ARMITAGE, JOHN BROOKS, US
[72] REDWINE, JUSTIN RYAN, US
[71] OKLAHOMA BLOOD INSTITUTE, US
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[54] **BUSE DE BRASAGE TENDRE A LA VAGUE A LARGEUR DE COL REGLABLE AUTOMATIQUEMENT**
[72] DAUTENHAHN, JONATHAN M., US
[72] HUESTE, GREGORY LEO, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-04-23
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[54] **SYSTEMS AND METHODS FOR MAKING THICK GAUGE ALUMINUM ALLOY ARTICLES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FABRIQUER DES ARTICLES EN ALLIAGE D'ALUMINIUM A JAUGE EPAISSE**
[72] FELBERBAUM, MILAN, US
[72] BASSI, CORRADO, CH
[72] DAS, SAZOL KUMAR, US
[72] BARKER, SIMON, US
[72] PIROTEALA, TUDOR, US
[72] TALLA, RAJASEKHAR, US
[71] NOVELIS INC., US
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[54] **TIME-REVERSED NONLINEAR ACOUSTIC DOWNHOLE PORE PRESSURE MEASUREMENTS**
[54] **MESURES DE PRESSION INTERSTITIELLE DE FOND DE TROU ACOUSTIQUES NON LINEAIRES A INVERSION TEMPORELLE**
[72] GOODMAN, HARVEY E., US
[72] ULRICH, TIMOTHY J., II, US
[72] GUYER, ROBERT A., US
[72] JOHNSON, PAUL A., US
[72] REMILLIEUX, MARCEL C., US
[72] LE BAS, PIERRE-YVES, US
[71] TRIAD NATIONAL SECURITY, LLC, US
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[54] **CODEUR AUTOMATIQUE DE LEGISLATION SELON UNE LOGIQUE**
[72] POSTNIECE, LINDA, AU
[72] HANLEN, LEIF, AU
[72] SIMON, TRAVIS, AU
[72] BACON, NEIL, AU
[72] GOVERNATORI, GUIDO, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **MACHINE ROTATIVE COMPORTANT DES PISTONS ACTIONNES MAGNETIQUEMENT**
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[71] THE BOEING COMPANY, US
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[54] **COMBINAISONS D'INGREDIENTS ACTIFS COMPRENANT DES PYRIDYLETHYLBENZAMIDES ET D'AUTRES INGREDIENTS ACTIFS**
[72] HUNGENBERG, HEIKE, DE
[72] RIECK, HEIKO, DE
[72] MASTERS, ROBERT, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR THE PRODUCTION OF POLYUNSATURATED FATTY ACIDS IN TRANSGENIC ORGANISMS**
[54] **METHODE DE PRODUCTION D'ACIDES GRAS POLYINSATURES DANS LES ORGANISMES TRANGENIQUES**
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[72] BAUER, JORG, DE
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[54] **DECODING DEVICE, DECODING METHOD, ENCODING DEVICE AND ENCODING METHOD**
[54] **DISPOSITIF DE DECODAGE, METHODE DE DECODAGE, DISPOSITIF DE CODAGE ET METHODE DE CODAGE**
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[54] **SYSTEMES, APPAREILS, PROCEDES ET PROCEDURES DE TRAITEMENT NON INVASIF DE TISSUS EN UTILISANT L'ENERGIE DE MICROONDES**
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[72] FRANCIS, DANIEL, US
[72] JOHNSON, JESSI E., US
[72] SALAMINI, ALEXEY, US
[72] SU, TED, US
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[54] **ANTAGONISTES DE L'ACTIVINE-ACTRIIA ET UTILISATIONS POUR LA PROMOTION DE LA CROISSANCE OSSEUSE CHEZ LES PATIENTS CANCEREUX**
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[72] PERLROTH, VICTOR D., US
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[54] **APPAREIL ET PROCEDE PERMETTANT LE RECYCLAGE DE TELEPHONES MOBILES**
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[72] UMBERGER, CODY B., US
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[54] **PREPARATION D'ECHANTILLON RAPIDE POUR ANALYSE ANALYTIQUE AU MOYEN D'UNE EXTRACTION EXCITEE DISPERSIVE**
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[72] COLLINS, MICHAEL J., SR., US
[72] ELLIOTT, PAUL C., US
[72] LAMBERT, JOSEPH J., US
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[54] **PROCEDE POUR DETERMINER DES TONALITES RESERVEES, ET EMETTEUR POUR EXECUTER UNE REDUCTION DE PAPR AU MOYEN D'UNE RESERVATION DE TONALITE**
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[72] LEE, HAK-YU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDE POUR DETERMINER DES TONALITES RESERVEES, ET EMETTEUR POUR EXECUTER UNE REDUCTION DE PAPR AU MOYEN D'UNE RESERVATION DE TONALITE**
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[72] SATISHCHANDRAN, C., US
[72] ZURAWSKI, VINCENT R., JR., US
[72] MINTZ, LIAT, US
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[54] **SYSTEME DE FACILITATION DE TRANSPORT SERVANT A CONFIGURER UN VEHICULE DE SERVICE POUR UN UTILISATEUR**
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[54] **PROCEDE PERMETTANT DE REDUIRE LE REPLIEMENT INTRODUIT PAR REGLAGE D'ENVELOPPE SPECTRALE DANS DES BANCS DE FILTRES A VALEURS REELLES**
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[72] MATTHEWS, JOHN G., US
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[54] **UTILISATION D'UN PHYTO-CANNABINOIDE OU D'UNE COMBINAISON DE PHYTO-CANNABINOIDES DANS LE TRAITEMENT DE L'EPILEPSIE**
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