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CIPO OPIC

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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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,738,422
2,759,461
2,760,321
2,774,110
2,800,643

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 :

2,738,422
2,759,461
2,760,321
2,774,110
2,800,643

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 January 2, 2018

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1708***
For each additional sheet over 30	**$19**
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 2 janvier 2018

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
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*)) **$257**

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

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** 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*)) **257 $**

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

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** 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

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

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.*

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

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
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
8. Lois, règles et règlements sur la propriété intellectuelle

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. 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.

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

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 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^MC et Xpresspost^MC 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

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.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 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.

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.

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.

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. 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.

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 November 20, 2018 contains applications open to public inspection from November 4, 2018 to November 10, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 novembre 2018 contient les demandes disponibles au public pour consultation pour la période du 4 novembre 2018 au 10 novembre 2018.

Canadian Patents Issued

November 20, 2018

Brevets canadiens délivrés

20 novembre 2018

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[54] **METHOD AND SYSTEM FOR PROTECTING A COMPUTER SYSTEM DURING BOOT OPERATION**
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[72] BOYCE, KEVIN GERARD, CA
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[54] **MOTEUR ELECTRIQUE, APPAREIL DE PUISSANCE Y FAISANT APPEL ET CHASSE-NEIGE MOTORISE**
[72] YAMAGISHI, YOSHIHIKO, JP
[72] HIROSE, YOSHIHISA, JP
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[73] HONDA MOTOR CO., LTD., JP
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[54] **LOW EMISSION FLUID TRANSFER DEVICE**
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[54] **VACCIN, COMPOSITIONS PHARMACEUTIQUES, NECESSAIRES ET UTILISATIONS DE CEUX-CI POUR STIMULER UNE REPONSE IMMUNITAIRE AVEC UN ADJUVANT GLUCOPYRANOSYL LIPIDE SYNTHETIQUE**
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[54] **STABILIZING COMPOSITIONS AND METHODS FOR EXTRACTION OF RIBONUCLEIC ACID**
[54] **COMPOSITIONS STABILISANTES ET PROCEDES PERMETTANT D'EXTRAIRE UN ACIDE RIBONUCLEIQUE**
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[54] **POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME**
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[54] **METHODS FOR MAKING ENVIRONMENTAL BARRIER COATINGS USING SINTERING AIDS**
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[54] **ALPHA AMYLASES VARIANTES DE BACILLUS SUBTILIS ET LEURS PROCEDES D'UTILISATION**
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[72] ROINGEARD, PHILIPPE, FR
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[72] PATIENT, ROMUALD, FR
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[72] FRATACCI, OLIVIER, FR
[72] SAINCT, HERVE, FR
[73] THALES, FR
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[54] **SYSTEME ET PROCEDE DE COGNITION DE DONNEES INTEGRANT UNE PROTECTION DE SECURITE AUTONOME**
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[72] TCHESSALOV, SERGUEI, US
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[72] WARNE, NICHOLAS, US
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[54] **PROCEDE D'EXTRACTION PAR INJECTION DE SOLVANTS**
[72] ALVESTAD, JOSTEIN, NO
[72] LAGISQUET, AURELIE, NO
[72] GILJE, EIMUND, NO
[73] STATOIL ASA, NO
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[54] **VEHICLE BRAKE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE FREIN DE VEHICULE**
[72] TODD, JAMIE BISHOP, CA
[72] TODD, SAM JAMISON, CA
[72] LECLAIR, JERID ALLAN, CA
[73] NBS INNOVATIVE SOLUTIONS LTD, CA
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[54] **PROCEDE ET SYSTEME DE PRODUCTION D'UN GAZ CHAUD PROPRE A BASE DE CARBURANTS SOLIDES**
[72] BENTZEN, JENS DALL, DK
[73] DALL ENERGY HOLDING APS, DK
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[72] YANTZ, GREG, US
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[72] SIEK, GORDON, US
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[54] **EXAMEN DES ETATS SYSTEMES CONCURRENTS**
[72] ONUT, IOSIF VIOREL, CA
[72] BENJAMIN, KAMARA AKILI, US
[72] JOURDAN, GUY-VINCENT, CA
[72] BOCHMANN, GREGOR VON, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
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[54] **PROTEGE-DENTS A CONFIGURATION DE RANGEMENT LINEAIRE**
[72] POLK, LOUIS F., III, US
[73] SHOCK DOCTOR, INC., US
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[54] **MEASURING TRANSIENT ELECTRICAL ACTIVITY IN AIRCRAFT POWER DISTRIBUTION SYSTEMS**
[54] **MESURE DES PHENOMENES ELECTRIQUES TRANSITOIRES DANS LES CIRCUITS DE DISTRIBUTION ELECTRIQUE D'UN AERONEF**
[72] SHIPLEY, ADRIAN, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
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[72] CELERIER, BRUNO, FR
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[54] **AIRCRAFT STRUCTURAL ASSEMBLY AND ASSOCIATED ASSEMBLY PROCESS**
[54] **ENSEMBLE STRUCTUREL D'AERONEF ET PROCEDE D'ASSEMBLAGE ASSOCIE**
[72] ANDRE, STEPHANE, FR
[73] DASSAULT AVIATION, FR
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[72] COBDEN, PAUL DEAN, NL
[72] WALSPURGER, STEPHANE, NL
[72] VAN DEN BRINK, RUDOLF WILLEM, NL
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[54] **SYSTEME DE GESTION DE L'ENERGIE**
[72] FRANCINO, PETER N., US
[72] HUFF, FREDERICK C., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **UTILISATION DE MOLINDONE POUR LE TRAITEMENT D'AGRESSION IMPULSIVE**
[72] BREDER, CHRISTOPHER D., US
[73] SUPERNUS PHARMACEUTICALS, INC., US
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[54] **IL-1 ANTAGONIST COMPOSITIONS FOR CORNEAL NERVE REGENERATION AND PROTECTION**
[54] **COMPOSITIONS ANTAGONISTE IL-1 DESTINEE A LA REGENERATION ET LA PROTECTION DU NERF CORNEEN**
[72] DANA, REZA, US
[72] DASTJERDI, MOHAMMAD, US
[72] CHAUHAN, SUNIL, US
[73] THE SCHEPENS EYE RESEARCH INSTITUTE, INC., US
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[54] **SYSTEME DE TRAITEMENT D'EAUX USEES**
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[54] **ENSEMBLE AIGUILLE DE STYLET A ELEMENTS BIODEGRADABLES**
[72] HORVATH, JOSHUA, US
[72] BRIZZOLARA, JOSEPH P., US
[72] ROSEN, EDWARD, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DEVICES AND METHODS FOR MANIPULATING CIRCULATION IN THE CIRCULATORY SYSTEM OF A PATIENT**
[54] **DISPOSITIFS ET PROCEDES POUR LA MANIPULATION DE LA CIRCULATION DANS LE SYSTEME CIRCULATOIRE D'UN PATIENT**
[72] BRINK-DANAN, SAGI, US
[72] SCHUBERT, SHAI Y., US
[73] PERFUZIA MEDICAL, INC., US
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[54] **GENERATOR FOR AN ELECTRICAL MACHINE**
[54] **GENERATEUR POUR UNE MACHINE ELECTRIQUE**
[72] LE BESNERAIS, JEAN, FR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DRUG DELIVERY MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE DISTRIBUTION DE MEDICAMENTS**
[72] KRULEVITCH, PETER, US
[72] WILK, ROBERT, US
[72] KRAFT, ULRICH, DE
[72] SIEH, ZARA, US
[72] ZHAO, MITCH, US
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[54] **COMPOSITIONS AND METHODS FOR PERFORMING HYBRIDIZATIONS WITH SEPARATE DENATURATION OF THE SAMPLE AND PROBE**
[54] **COMPOSITIONS ET PROCEDES POUR REALISER DES HYBRIDATIONS AVEC DENATURATION DISTINCTE DE L'ECHANTILLON ET DE LA SONDE**
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[54] **PROCESS FOR PRODUCING MINERAL OIL FROM UNDERGROUND MINERAL OIL DEPOSITS**
[54] **METHODE DE PRODUCTION DE PETROLE A PARTIR DE GISEMENTS PETROLIFERES SOUTERRAINS**
[72] STEHLE, VLADIMIR, DE
[72] SIEMER, KONRAD, DE
[72] ALTUNINA, LIUBOV, RU
[72] KUVSHINOV, VLADIMIR A., RU
[72] KUVSHINOV, IVAN, RU
[73] WINTERSHALL HOLDING GMBH, DE
[73] INSTITUTE OF PETROLEUM CHEMISTRY OF THE SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES, RU
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[54] **METHODS OF FORMING SELF-SUPPORTING FILMS FOR DELIVERY OF THERAPEUTIC AGENTS**
[54] **PROCEDES DE FORMATION DE FILMS AUTO-SUSTENTEURS POUR L'ADMINISTRATION D'AGENTS THERAPEUTIQUES**
[72] STOPEK, JOSHUA, US
[72] EBERSOLE, GARRETT, US
[72] ELACHCHABI, AMIN, US
[72] BROOM, DANIEL, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **POLYGLYCERYL COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS POLYGLYCERYLIQUES**
[72] ANDJELIC, SASA, US
[72] ERNETA, MODESTO, US
[72] FEVOLA, MICHAEL J., US
[72] SUN, FRANK C., US
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[54] **ENSEMBLE DE PANNEAUX POUR LIT A BARREAUX AVEC COTE A RABATTEMENT PARTIEL**
[72] LANTOS, SUSANNE DEBORA, CA
[73] LANTOS, SUSANNE DEBORA, CA
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[54] **DETECTEUR DE METAUX**
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[54] **INTERCEPTEUR D'APPEL AMELIORE**
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[54] **METHODS FOR SELECTING COMPETENT OOCYTES AND COMPETENT EMBRYOS WITH HIGH POTENTIAL FOR PREGNANCY OUTCOME**
[54] **PROCEDES DE SELECTION D'OVOCYTES ET D'EMBRYONS COMPETENTS PERMETTANT D'OBTENIR UN TAUX ELEVE DE GROSSESSES**
[72] HAMAMAH, SAMIR, FR
[72] DE VOS, JOHN, FR
[72] ASSOU, SAID, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER, FR
[73] UNIVERSITE DE MONTPELLIER, FR
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[54] **SEQUENCE D'ADN NUMERIQUE**
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[73] COUNTERTACK, INC., US
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[54] **PLATFORM SPECIFIC PAYLOAD MANAGEMENT**
[54] **GESTION DE CHARGE SPECIFIQUE DE PLATEFORME**
[72] WAI, SIMON, CA
[72] ILLG, JASON J., US
[72] NIGUL, LEHO, CA
[72] TIU, PATRICK S. C., CA
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
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[54] **TRANSFORMATION DE DONNEES A STRUCTURE ARBORESCENTE**
[72] KYLE, BRYAN J., CA
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
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[87] (2760321)
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[25] EN
[54] **METHOD FOR REDUCING VIBRATIONS OF A WIND TURBINE AND CONTROL SYSTEM FOR REDUCING VIBRATIONS**
[54] **PROCEDE VISANT A REDUIRE LES VIBRATIONS D'UNE EOLIENNE ET SYSTEME DE COMMANDE CONNEXE**
[72] EGEDAL, PER, DK
[72] JENSEN, DENNIS SOEBYE, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **POINTS D'ENTREE POUR LECTURE SPECIALE EN 3D**
[72] NEWTON, PHILIP S., NL
[72] SCALORI, FRANCESCO, NL
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[72] ROSS, ADAM J., US
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[72] WILLIAMS, RYAN, US
[73] TYCO HEALTHCARE GROUP LP, CA
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[72] KAANDORP, WOUTER PETRUS, NL
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[54] **MELANGE D'ADDITIFS BACTERICIDES ET ANTICORROSIFS POUR CARBURANTS**
[72] BEILFUSS, WOLFGANG, DE
[72] GRADTKE, RALF, DE
[72] KNOPF, JENNIFER, DE
[72] KRULL, INGO, DE
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **BARRE PORTE-LAME A SURMULTIPLICATEUR A ENGRENAGE**
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[73] COVIDIEN LP, US
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[73] PROGRESSIVE INTERNATIONAL CORPORATION, US
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[73] GUALA PACK S.P.A., IT
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[54] **GROUPE MOTOPROPULSEUR HYBRIDE EQUIPE D'UN DISPOSITIF D'EMBRAYAGE DE TYPE EPICYCLOIDAL**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, CN
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[54] **PIPE MEMBER EQUIPPED WITH HEAT INSULATION CORE PIPELINE AND U-SHAPED ANNULARLY-DISTRIBUTED PIPELINE**
[54] **ELEMENT DE TUYAU MUNI D'UNE CONDUITE CENTRALE A ISOLANT THERMIQUE ET D'UNE CONDUITE EN " U "A REPARTITION ANNULAIRE**
[72] YANG, TAI-HER, TW
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[54] **UNE METHODE POUR EXTRAIRE DU BITUME D'UN CIRCUIT DE PETROLE DE SABLE BITUMINEUX**
[72] PLOEMEN, INGMAR HUBERTUS JOSEPHINA, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] IN'T VEEN, BERNARDUS CORNELIS MARIA, NL
[73] CANADIAN NATURAL UPGRADING LIMITED, CA
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[72] MEISTER, DONALD, US
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[54] **MELANGES DE CAOUTCHOUC**
[72] BLUME, ANKE, DE
[72] KLOCKMANN, OLIVER, DE
[72] KELLERHOF, DOERTE, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **OUTIL DE FOND DE TROU**
[72] HOFMAN, RAYMOND, US
[72] MUSCROFT, WILLIAM SLOANE, US
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[54] **SUPPORTS ET COUVERCLES POUR ACHEMINEMENT DE FILS ELECTRIQUES AUX COINS INTERIEURS D'UN BATIMENT**
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[73] ARTSPAN INC., CA
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[54] **METHODES DE DIAGNOSTIC PERMETTANT D'ETABLIR UN PRONOSTIC EN CAS DE CANCER DU POUMON NON A PETITES CELLULES**
[72] SEMINAROV, DIMITRI, US
[72] LU, XIN, US
[72] ZHANG, KE, US
[72] LESNIEWSKI, RICK R., US
[72] COON, JOHN S., US
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[54] **METHOD FOR WETTING A POWDER CONTAINING BENZOYL PEROXIDE**
[54] **PROCEDE POUR MOUILLAGE D'UNE POUDRE CONTENANT DU PEROXYDE DE BENZOYLE**
[72] DOW, GORDON JAY, US
[73] DOW PHARMACEUTICAL SCIENCES, INC., US
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[54] **CHAPELURE POUR ALIMENTS FRITS OU FRITS A GRANDE HUILE**
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[72] IESATO, HISAYUKI, JP
[72] NAKAJIMA, TORU, JP
[73] NIPPON STARCH CHEMICAL CO., LTD., JP
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[54] **MOTEUR RECONFIGURABLE POUVANT PASSER D'UN FONCTIONNEMENT A INDUCTION A UN FONCTIONNEMENT SYNCHRONE**
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[72] FURIA, ANDREA, US
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[54] **HEATING SYSTEM UTILIZING MICROWAVE**
[54] **SYSTEME DE CHAUFFAGE A MICRO-ONDES**
[72] HARADA, AKIKAZU, JP
[72] KANDA, KIICHI, JP
[72] WATANABE, KEN-ICHI, JP
[72] SAKAMOTO, NATSUMI, JP
[72] TAKAHASHI, SHIN-ICHI, JP
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[73] KANTO YAKIN KOGYO CO., LTD., JP
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[54] **SYSTEME ET METHODE POUR COMPENSER LE MOUVEMENT PAR RAPPORT A UN CODE A BARRES**
[72] ZOLOTOV, SERGUEI, CA
[73] PSION INC., CA
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[54] **PROCEDE POUR LA PREPARATION DE DERIVES D'ACIDE PROPIONIQUE**
[72] PUENTENER, KURT, CH
[72] SCALONE, MICHELANGELO, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[73] LANCASTRIA LIMITED, IE
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[54] **METHOD AND SYSTEM FOR PARTITIONING PARALLEL SIMULATION MODELS**
[54] **PROCEDE ET SYSTEME DE PARTITIONNEMENT DE MODELES DE SIMULATION PARALLELE**
[72] MALIASSOV, SERGUEI, US
[72] SHUTTLEWORTH, ROBERT R., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **RECIPIENTS AMELIORES POUR PRODUITS PHARMACEUTIQUES, UTILISES EN PARTICULIER DANS DES GENERATEURS DE RADIOISOTOPES**
[72] BALESTRACCI, ERNEST, US
[72] MELCHORE, JAMES A., JR., US
[72] MONTEFERRANTE, JO ANNA, US
[72] KUCHAREWICZ ROPIAK, IRENE, US
[72] SCHRAMM, ERNST, US
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[54] **FLUID MOVEMENT SYSTEMS INCLUDING A CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **SYSTEMES A MOUVEMENT HYDRAULIQUE COMPRENANT UNE TRANSMISSION A VARIATION CONTINUE**
[72] SCHAAF, STUART, US
[72] BUJOLD, MICHAEL P., US
[72] KLIEWER, JOSEPH D., US
[73] ORBITAL TRACTION, LTD., US
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[25] EN
[54] **ELECTRODE FOR ELECTROCHEMICAL PROCESSES AND METHOD FOR OBTAINING THE SAME**
[54] **ELECTRODE POUR PROCEDES ELECTROCHIMIQUES ET PROCEDE POUR OBTENIR CELLE-CI**
[72] BRICHESE, MARIANNA, IT
[72] ANTOZZI, ANTONIO LORENZO, IT
[72] CALDERARA, ALICE, IT
[73] INDUSTRIE DE NORA S.P.A., IT
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[25] FR
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[54] **MACHINE THERMIQUE A SOURCE CHAUDE EXTERNE, GROUPE DE PRODUCTION D'ENERGIE ET VEHICULE ASSOCIES.**
[72] THEVENOD, FREDERIC OLIVIER, FR
[73] H2P SYSTEMS, FR
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[30] FR (0959624) 2009-12-28

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[54] **SYSTEM AND METHOD FOR THE ACCELERATED FEEDING OF A REACTIVITY-INFLUENCING MEDIUM INTO A HEAVY-WATER-MODERATED REACTOR**
[54] **SYSTEME ET METHODE POUR L'APPROVISIONNEMENT ACCELERE D'UNE MATIERE INFLUENCANT LA REACTIVITE DANS UN REACTEUR A EAU LOURDE**
[72] TIETSCH, WOLFGANG, DE
[72] FREIS, DANIEL, DE
[73] WESTINGHOUSE ELECTRIC GERMANY GMBH, DE
[86] (2785408)
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[54] **MOTEUR E TURBINE A GAZ ET SYSTEME ECHANGEUR DE CHALEUR**
[72] SNYDER, DOUGLAS J., US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[54] **RECOVERING WATER**
[54] **RECUPERATION D'EAU**
[72] KAMBOURIS, AMBROSIOS, AU
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[30] AU (2010900154) 2010-01-17
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[72] KLEIN, OFER, IL
[73] BIOCEP LTD., IL
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[72] OLIVIER, ANDRE W., US
[72] ROUQUETTE, ROBERT E., US
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[54] **PRODUIT ALIMENTAIRE ENROBE ET SON PROCEDE DE PREPARATION**
[72] NACK, THOMAS J., US
[72] HARRINGTON, TERRY R., US
[72] HUANG, VICTOR T., US
[72] LARSON, ANTHONY J., US
[72] NOWAKOWSKI, CHRISTINE M., US
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[54] **MODULATION PAR DEPLACEMENT DE PHASE RAYONNANT RECONFIGURABLE FONDEE SUR UNE FENTE COMPLEMENTAIRE ET DES RESONANCES DE MICROBANDES**
[72] LEGAY, HERVE, FR
[72] GIRARD, ETIENNE, FR
[72] BRESCIANI, DANIELE, FR
[72] GILLARD, RAPHAEL, FR
[72] SALTI, HASSAN, FR
[72] MAKDISSY, TONY, FR
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[72] WHEELER, THOMAS J., US
[72] WHIPPLE, BRIAN A., US
[72] WEBB, MICHAEL A., US
[72] PEABODY, JOSHUA T., US
[72] PETERSEN, MATTHEW L., US
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[73] SANDBOX LOGISTICS, LLC., US
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[72] CASTIGLIONE, DAVID M., US
[72] MITTELSTADT, WILLIAM A., US
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[54] **UTILISATIONS ET COMPOSITIONS AMELIOREES POUR UN TRAITEMENT SUR ET EFFICACE DE L'ERYTHEME**
[72] GRAEBER, MICHAEL, US
[72] LOESCHE, CHRISTIAN, FR
[72] FREIDENREICH, PHILIP, US
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[54] **SYSTEMES ET PROCEDES POUR LA STABILISATION PAR VIS PEDICULAIRE DE VERTEBRES SPINALES**
[72] HUA, SHERWIN, US
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[54] **POSOLOGIE DE TOXINE BOTULINIQUE POUR PROPHYLAXIE DE MIGRAINE CHRONIQUE**
[72] TURKEL, CATHERINE C., US
[72] AURORA, SHEENA K., US
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[72] BRIN, MITCHELL F., US
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[54] **PROCESS FOR REMOVING SULFUR FROM HYDROCARBON STREAMS USING HYDROTREATMENT, FRACTIONATION AND OXIDATION**
[54] **PROCEDE POUR ELIMINER LE SOUFRE DES COURANTS D'HYDROCARBURE EN UTILISANT UN HYDROTRAITEMENT, UN FRACTIONNEMENT ET UNE OXYDATION**
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[73] CHIESI FARMACEUTICI S.P.A., IT
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[54] **COMPOSITIONS DESTINEES A CONTROLER LES MALADIES DES VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET UN FONGICIDE AZOLE**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-10-24
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[54] **DISPOSITIF MOBILE AYANT UN ETAT DE VERROUILLAGE TACTILE ET PROCEDE DE FONCTIONNEMENT DU DISPOSITIF MOBILE**
[72] KIM, TAE YEON, KR
[72] LEE, SUNG SIK, KR
[72] BOK, IL GEUN, KR
[72] SHIN, HYUN KYUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **DISPOSITIF DE SECURITE POUR OUTIL**
[72] DUDEY, MICHAEL, CA
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[54] **GRAFT COPOLYMERS OF POLYFARNESENES WITH CONDENSATION POLYMERS**
[54] **COPOLYMERES GREFFES DE POLYFARNESENES ET DE POLYMERES DE CONDENSATION**
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[73] AMYRIS, INC., US
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[54] **DISPOSITIF ET PROCEDE DE PLACEMENT DE CATHETER**
[72] BLANCHARD, DANIEL B., US
[72] HALL, JOHN W., US
[72] STATS, JASON R., US
[72] CHRISTENSEN, MARK A., US
[73] C.R. BARD, INC., US
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[54] **PRODUITS DE YAOURT REFRIGERES AYANT LA TAILLE D'UNE BOUCHEE**
[72] PANNELL, LISA K., US
[72] MERKWAE, LOGAN, US
[73] GENERAL MILLS, INC., US
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[54] **DETECTION D'EXCEPTION QUANTIQUE DE VIRGULE FLOTTANTE DECIMALE**
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[72] YEH, PHIL, US
[72] COWLISHAW, MICHAEL FREDERIC, US
[72] MUELLER, SILVIA MELITTA, DE
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[54] **DISPOSITIF ET SYSTEME DE STIMULATION ELECTRIQUE FONCTIONNELLE ET LEUR UTILISATION**
[72] TARULLI, MASSIMO, CA
[72] LEHN, PETER, CA
[72] POPOVIC, MILOS R., CA
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[54] **SOUCHES HOTES FONGIQUES FILAMENTEUSES ET PRODUITS DE RECOMBINAISON D'ADN, ET LEURS PROCEDES D'UTILISATION**
[72] BOWER, BENJAMIN S., US
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[72] KELEMEN, BRADLEY R., US
[73] DANISCO US INC., US
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[54] **TRAITEMENT ANTIVIEILLISSEMENT POUR LA PEAU**
[72] CEBRIAN PUCHE, JUAN, ES
[72] ALMINANA DOMENECH, NURIA, ES
[72] DELGADO GONZALEZ, RAQUEL, ES
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[54] **A COUPLER DEVICE AND A METHOD OF REDUCING FLUID SPILLAGE FROM A COUPLER DEVICE**
[54] **DISPOSITIF D'ACCOUPLEMENT ET PROCEDE PERMETTANT DE REDUIRE LES PERTES DE FLUIDE AU NIVEAU D'UN DISPOSITIF D'ACCOUPLEMENT**
[72] SETHRE, KARE, NO
[73] MACGREGOR NORWAY AS, NO
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[54] **CONTROLLED RELEASE COAT-CORE TABLET**
[54] **COMPRIME NUCLEE A LIBERATION CONTROLEE**
[72] FUJINAGA, KENTARO, JP
[72] MARUO, SUSUMU, JP
[72] NAKAMURA, HIDEAKI, JP
[72] SUNAGAWA, KENJI, JP
[72] MOCHIZUKI, TSUTOMU, JP
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[73] TEIJIN PHARMA LIMITED, JP
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[54] **CONDUITE D'EVACUATION DU COMPARTIMENT DU GROUPE AUXILIAIRE DE BORD D'UN AERONEF**
[72] GRANA OTERO, JOSE, ES
[72] PARRA FABIAN, IGNACIO ESTEBAN, ES
[72] CASADO MONTERO, CARLOS, ES
[73] AIRBUS OPERATIONS S.L., ES
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[54] **SYSTEMES ET PROCEDES POUR UNE INFORMATIQUE EN NUAGE PRIVE**
[72] MCCARTHY, CHRISTOPHER, US
[72] SULLIVAN, KEVIN, US
[72] KRISHNAN, REJITH, US
[73] STATE STREET CORPORATION, US
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[73] GEO-MOLE LIMITED, GB
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[54] **SONDE OPTIQUE DE MESURE D'ABSORPTION A PLUSIEURS LONGUEURS D'ONDE**
[72] REVERSAT, FABIEN, FR
[72] HUBERT, MARC, FR
[72] TISSERAND, STEPHANE, FR
[72] ROUX, LAURENT, FR
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[25] EN
[54] **A METHOD AND APPARATUS FOR THE RECOVERY OF PVPP AFTER CONTACT WITH A YEAST FERMENTED BEVERAGE BY SEDIMENTATION SEPARATION**
[54] **PROCEDE ET APPAREIL DE RECUPERATION DE PVPP APRES UN CONTACT AVEC UNE BOISSON FERMENTEE AU MOYEN DE LEVURE PAR SEPARATION PAR SEDIMENTATION**
[72] NOORDMAN, TOM REINOUD, NL
[72] VAN DER NOORDT, MARCEL, NL
[72] RICHTER, ANNEKE, NL
[73] HEINEKEN SUPPLY CHAIN B.V., NL
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[25] EN
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[54] **COMBINAISON D'UNE PYRROLOQUINOLEINE ET D'UN AGENT ANTIMICROBIEN DE TYPE AMINOGLYCOSIDE**
[72] HU, YANMIN, GB
[72] COATES, ANTHONY R. M., GB
[73] HELPERBY THERAPEUTICS LIMITED, GB
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[54] **SKI SLOPE SNOW GROOMING METHOD AND RELATIVE IMPLEMENT**
[54] **PROCEDE DE DAMAGE DES PISTES DE PENTE DE SKI ET ENGIN ASSOCIE**
[72] RUNGGALDIER, MARTIN, IT
[73] PRINOTH S.P.A., IT
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[54] **ANESTHETIC INHALATION AID DEVICE AND ATTACHMENT USED FOR THE SAME**
[54] **DISPOSITIF D'AIDE A L'ANESTHESIE PAR INHALATION ET ATTACHE DE CELUI-CI**
[72] ISHIKITA, NAOYUKI, JP
[73] ISHIKITA, NAOYUKI, JP
[85] 2013-02-07
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[54] **IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY**
[54] **AMELIORATION DE LA VITESSE DE FILTRATION DE PURGE D'ACIDE TEREPHTALIQUE PAR CONTROLE DU % D'EAU DANS UNE BOUILLIE D'ALIMENTATION DE FILTRE**
[72] PARKER, KENNY RANDOLPH, US
[72] BLAIR, LARRY WAYNE, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
[85] 2013-02-11
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[54] **A FILTER MASK HAVING ONE OR MORE MALLEABLE STIFFENING MEMBERS**
[54] **MASQUE FILTRANT COMPORTANT UN OU PLUSIEURS ELEMENTS RAIDISSEURS MALLEABLES**
[72] OROFINO, RICHARD ALLEN, US
[72] CARBONE, LOU, US
[72] STEINBERG, MITCHELL VICTOR, US
[72] WHITEHEAD, ANDREW GUY, US
[72] CONLON, MATTHEW, US
[73] CROSSTEX INTERNATIONAL, INC., US
[85] 2013-02-27
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[25] EN
[54] **NEONATAL AND PEDIATRIC CATHETER SYSTEM**
[54] **SYSTEME DE CATHETER NEONATAL ET PEDIATRIQUE**
[72] HARDING, WESTON F., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-02-28
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[54] **SYSTEM AND METHOD FOR APPLYING A CONVOLUTIONAL NEURAL NETWORK TO SPEECH RECOGNITION**
[54] **SYSTEME ET PROCEDE POUR APPLIQUER UN RESEAU NEURONAL CONVOLUTIONNEL A LA RECONNAISSANCE DE LA PAROLE**
[72] PENN, GERALD BRADLEY, CA
[72] JIANG, HUI, CA
[72] ABDELHAMID, OSSAMA ABDELHAMID MOHAMED, CA
[72] MOHAMED, ABDEL-RAHMAN SAMIR ABDEL-RAHMAN, CA
[73] FLUENT.AI INC., CA
[86] (2810457)
[87] (2810457)
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[54] **CALIBRATION DEVICE FOR A BLOW-EXTRUSION FILM TUBE**
[54] **APPAREIL D'ETALONNAGE DESTINE A UN TUBE DE PELLICULE A EXTRUSION PAR SOUFFLAGE**
[72] GOLDENSTEIN, JENS, DE
[73] WINDMOELLER & HOELSCHER KG., DE
[85] 2013-03-05
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[54] **TIE PLATE SEPARATOR AND METHOD THEREOF**
[54] **SEPARATEUR DE SELLES DE RAIL ET PROCEDE CONNEXE**
[72] COOTS, WILLIAM R., US
[73] B&B METALS, INC., US
[86] (2810688)
[87] (2810688)
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[54] **SKIN COLLAGEN PRODUCTION-PROMOTING AGENT**
[54] **AGENT FAVORISANT LA PRODUCTION DU COLLAGENE DE LA PEAU**
[72] KATO, KEN, JP
[72] ONO, AIKO, JP
[72] UENO, HIROSHI, JP
[72] UEDA, NORIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2013-03-06
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[54] **MONO-ENERGY AND/OR DUAL-ENERGY ENGINE WITH COMPRESSED AIR AND/OR ADDITIONAL ENERGY, COMPRISING AN ACTIVE CHAMBER INCLUDED IN THE CYLINDER**
[54] **MOTEUR MONO ET/OU BI-ENERGIE A AIR COMPRIME ET/OU A ENERGIE ADDITIONNELLE A CHAMBRE ACTIVE INCLUSE DANS LE CYLINDRE**
[72] NEGRE, GUY, LU
[72] NEGRE, CYRIL, FR
[73] MOTOR DEVELOPMENT INTERNATIONAL S.A., LU
[85] 2013-03-07
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[25] FR
[54] **METHOD FOR PRODUCING A PART AND SOLID COMPOSITE PART PRODUCED BY SAID METHOD**
[54] **PROCEDE DE FABRICATION D'UNE PIECE ET PIECE MASSIVE COMPOSITE OBTENUE PAR CE PROCEDE**
[72] DAMBRINE, BRUNO, FR
[72] GODON, THIERRY, FR
[73] SNECMA, FR
[85] 2013-03-15
[86] 2011-09-26 (PCT/FR2011/052239)
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[25] EN
[54] **IMPLANTABLE FASTENER CARTRIDGE HAVING A NON-UNIFORM ARRANGEMENT**
[54] **CARTOUCHE D'ELEMENTS DE FIXATION IMPLANTABLES PRESENTANT UN AMENAGEMENT NON UNIFORME**
[72] WIDENHOUSE, TAMARA, US
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2013-03-20
[86] 2011-09-23 (PCT/US2011/053057)
[87] (WO2012/044550)
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[25] EN
[54] **SURGICAL STAPLE CARTRIDGES SUPPORTING NON-LINEARLY ARRANGED STAPLES AND SURGICAL STAPLING INSTRUMENTS WITH COMMON STAPLE-FORMING POCKETS**
[54] **CARTOUCHES D'AGRAFES CHIRURGICALES SUPPORTANT DES AGRAFES DISPOSEES DE MANIERE NON LINEAIRE ET INSTRUMENTS DE POSE D'AGRAFES CHIRURGICALES A POCHES DE FORMATION D'AGRAFE COMMUNES**
[72] SHELTON, FREDERICK E., IV, US
[72] SCHALL, CHRISTOPHER J., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **VOLUME BOOSTER WITH VARIABLE ASYMMETRY**
[54] **ACCELERATEUR DE DEBIT VOLUMIQUE A ASYMETRIE VARIABLE**
[72] LOVELL, MICHEL K., US
[72] JUNK, KENNETH W., US
[72] JWANOUSKOS, RYAN J., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2013-03-11
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[54] **CONFIGURABLE PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE**
[54] **TUBE DE GASTROSTOMIE ENDOSCOPIQUE PERCUTANEE CONFIGURABLE**
[72] TAI, KOK-MING, US
[72] BAGWELL, ALISON S., US
[72] BAKER, ANDREW T., US
[72] REICHART, EMILY A., US
[72] SCHORR, PHILLIP A., US
[73] AVENT, INC., US
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[51] **Int.Cl. E06B 9/40 (2006.01) B65H 75/44 (2006.01)**
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[54] **DEVICE FOR PRELOADING A REWIND MECHANISM**
[54] **DISPOSITIF DE PRECONTRAINTE D'UN MECANISME ENROULEUR**
[72] PERSSON, BO, SE
[73] MARKISOL HOLDING AB, SE
[85] 2013-03-26
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[51] **Int.Cl. C08J 5/18 (2006.01) B29D 7/01 (2006.01) C08L 1/02 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A CELLULOSE NANOCRYSTALLINE FILM**
[54] **PROCEDE DE FORMATION D'UN FILM DE CELLULOSE NANOCRISTALLINE**
[72] YOUNGBLOOD, JEFFREY P., US
[72] MOON, ROBERT J., US
[72] REISING, ALEX, US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2013-03-26
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[54] **ENTERIC COATED, LOW-STRENGTH PANCRELIPASE FORMULATIONS**
[54] **PREPARATIONS DE PANCRELIPASE A FAIBLE RESISTANCE ENTEROSOLUBLES**
[72] ORTENZI, GIOVANNI, IT
[72] DE FRANZA, GIUSEPPE, IT
[72] CLEMENTI, DANILO, IT
[72] STOLLBERG, CHRISTIAN, IT
[72] BOLTRI, LUIGI, IT
[73] APTALIS PHARMA LIMITED, IE
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[54] **AN ANNULAR BARRIER**
[54] **BARRIERE ANNULAIRE**
[72] HALLUNDBAEK, JORGEN, DK
[72] HAZEL, PAUL, GB
[72] ANDERSEN, TOMAS SUNE, DK
[73] WELLTEC OILFIELD SOLUTIONS AG, CH
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[54] **PREPARATION PROCESS OF (6R)-TETRAHYDROBIOPTERIN HYDROCHLORIDE**
[54] **PROCEDE DE PREPARATION DE CHLORHYDRATE DE (6R)-TETRAHYDROBIOPTERINE**
[72] WANG, ZHEN, CN
[72] ZHAO, DONGBING, CN
[72] WANG, WEIDA, CN
[72] LAN, JINGBO, CN
[72] YOU, JINGSONG, CN
[73] INNOPHARMAX, INC., CN
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[54] **ROLLER HINGE CONSTRUCTIONS**
[54] **CONSTRUCTIONS A CHARNIERES ROULANTES**
[72] FRIESEN, RAYMOND J., CA
[72] SAMBHI, SURINDER, CA
[73] RAYNOR MFG. CO., US
[86] (2814151)
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[30] US (13/693,679) 2012-12-04
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[51] **Int.Cl. B29C 45/66 (2006.01) B29C 45/68 (2006.01)**
[25] EN
[54] **INJECTION MOULDING MACHINE WITH AT LEAST TWO TOGGLE MECHANISMS**
[54] **MACHINE DE MOULAGE PAR INJECTION COMPORTANT AU MOINS DEUX MECANISMES DE GENOUILLERES**
[72] KEINATH, RENATE, DE
[73] ARBURG GMBH + CO. KG, DE
[85] 2013-04-16
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[54] **METHODES DE DETERMINATION D'ISOTYPES D'ANTICORPS ANTI-MEDICAMENT**
[72] WANG, SHUI LONG, US
[72] OHRMUND, LINDA, US
[72] HAUENSTEIN, SCOTT, US
[72] SINGH, SHARAT, US
[73] NESTEC S.A., CH
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[54] **BUSE D'ATOMISATION DE LIQUIDE MINIATURE**
[72] CROLL, PERRY W., US
[72] DENTON, MARSHALL T., US
[72] CHRISTENSEN, MARK A., US
[72] TRAN, HUY N., US
[73] WOLFE TORY MEDICAL, INC., US
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[54] **APPAREIL ET METHODES DE FORMATION D'UN SEIN ET D'UN MAMELON**
[72] HORNE, KENNETH N., US
[72] ROSENTHAL, MICHAEL H., US
[72] GURTNER, GEOFFREY C., US
[72] JONES, CHRISTOPHER SCOTT, US
[72] SALINAS, SERGIO, US
[72] RIMSA, JOSEPH, US
[73] TAUTONA GROUP RESEARCH AND DEVELOPMENT COMPANY, L.L.C., US
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[54] **DERIVES D'OXAZOLYL-METHYLETHER CONVENANT COMME AGONISTES DU RECEPTEUR ALX**
[72] BUR, DANIEL, CH
[72] CORMINBOEUF, OLIVIER, CH
[72] CREN, SYLVAINE, CH
[72] GRISOSTOMI, CORINNA, CH
[72] LEROY, XAVIER, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
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[25] FR
[54] **LIGHT-WEIGHT DEVICE FOR LOADING SOLID PARTICLES**
[54] **DISPOSITIF ALLEGE DE CHARGEMENT DE PARTICULES SOLIDES**
[72] COTTARD, BERNARD, FR
[72] LEROY, PASCAL, FR
[73] TOTAL RAFFINAGE FRANCE, FR
[85] 2013-05-03
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[72] LAMPERTH, MICHAEL, GB
[73] EVO ELECTRIC LIMITED, GB
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[54] **SYSTEME DE TRANSFERT D'EAU DE FRACTURATION A DEPLOIEMENT RAPIDE**
[72] NOVOTNY, JOHN, US
[72] RICHIE, SCOTT, US
[72] TALABI, REZA, US
[73] TETRA TECHNOLOGIES, INC., US
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[25] EN
[54] **SEAL HOLDING DEVICE FOR PIPE CLAMP**
[54] **DISPOSITIF DE MAINTIEN A JOINT POUR COLLIER DE SERRAGE**
[72] CHIPROOT, AVI, IL
[73] ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD., IL
[86] (2818532)
[87] (2818532)
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[54] **INSTRUMENT AGRICOLE AVEC CADRE D'OUTIL PIVOTANT**
[72] DIETRICH, WILLIAM J., SR., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **SYSTEME GENERANT UN AEROSOL AVEC PREVENTION D'UNE FUITE**
[72] THORENS, MICHEL, CH
[72] FLICK, JEAN-MARC, CH
[72] COCHAND, OLIVIER YVES, CH
[72] DUBIEF, FLAVIEN, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **SYSTEM AND METHOD FOR MAKING LAMINATED SHEETS**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE FEUILLES LAMIFIEES**
[72] FOLEY, STEPHEN P., US
[72] CRADLEBAUGH, TEDDY L., US
[72] CRAWFORD, WILLIAM J., US
[73] WAYTEK CORPORATION, US
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[30] US (12/955,129) 2010-11-29

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[25] FR
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[54] **PROCEDE DE GRANULATION EN VOIE SECHE DE PARTICULES DE TAILLES NANOMETRIQUES**
[72] MASKROT, HICHAM, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[30] FR (10 60379) 2010-12-10

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[25] FR
[54] **RUBBER COMPOSITION FOR THE TREAD OF A TYRE**
[54] **COMPOSITION DE CAOUTCHOUC POUR BANDE DE ROULEMENT DE PNEUMATIQUE**
[72] MAESAKA, MASAYUKI, FR
[72] PAGANO, SALVATORE, FR
[72] WATANABE, MAKIKO, FR
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[87] (WO2012/085063)
[30] FR (1061108) 2010-12-23

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[54] **PROCEDE POUR FORMER UNE STRUCTURE COMPOSITE COMPORTANT UN REBORD**
[72] MORAM, JONATHAN PAUL, GB
[72] MARENGO, GIOVANNI ANTONIO, GB
[72] MACLEAN, DAVID JAMES, GB
[72] RALFS, BEN, GB
[72] WILES, GARY, GB
[72] GAWN, MARCUS JASON, GB
[73] GKN AEROSPACE SERVICES LIMITED, GB
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[54] **METHODS AND SYSTEMS FOR DISTRIBUTING CRYPTOGRAPHIC DATA TO AUTHENTICATED RECIPIENTS**
[54] **PROCEDES ET SYSTEMES DE DISTRIBUTION DE DONNEES CRYPTOGRAPHIQUES POUR DES DESTINATAIRES AUTHENTIFIES**
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[73] VIRTRU CORPORATION, US
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[54] **DEVICE FORMING A WORKPIECE CLAMP**
[54] **DISPOSITIF FORMANT PLOT DE BRIDAGE**
[72] THIBAUT, JACQUES, FR
[72] THIBAUT, CHRISTOPHE, FR
[73] THIBAUT, FR
[85] 2013-06-19
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[54] **SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS SELECTIFS DE GLYCOSIDASES ET LEURS UTILISATIONS**
[72] MCEACHERN, ERNEST J., CA
[72] MU, CHANGWEI, CN
[72] SELNICK, HAROLD G., US
[72] VOCADLO, DAVID J., CA
[72] WANG, YAODE, CN
[72] WEI, ZHONGYONG, CN
[72] ZHOU, YUANXI, CA
[72] ZHU, YONGBAO, CA
[72] KAUL, RAMESH, CA
[73] MERCK SHARP & DOHME CORP., US
[73] ALECTOS THERAPEUTICS, INC, CA
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[54] **METHOD FOR MANUFACTURING A ROOF-COVERING ELEMENT MADE OF PLANT FIBRES, AND ROOF-COVERING ELEMENT**
[54] **PROCEDE DE REALISATION D'UN ELEMENT DE COUVERTURE DE TOITURE EN FIBRES VEGETALES ET ELEMENT DE COUVERTURE DE TOITURE**
[72] THOMAS, MICHEL, FR
[72] KAMIL, MELIH, TR
[72] RUFFENACH, FRANCOIS, FR
[72] FOUTEL, MARTIN, FR
[73] ONDULINE, FR
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[54] **ENCASED TAMPER RESISTANT CONTROLLED RELEASE DOSAGE FORMS**
[54] **FORMES PHARMACEUTIQUES ENCAPSULEES, INVIOLABLES ET A LIBERATION CONTROLEE**
[72] HUANG, HAIYONG HUGH, US
[73] PURDUE PHARMA L.P., US
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[54] **SYSTEM AND METHOD FOR PRODUCING SYNGAS FROM CARBON BASED MATERIAL**
[54] **SYSTEME ET UN PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE A PARTIR D'UNE MATIERE CARBONEE**
[72] DE BELLIS, MICHELE, IT
[73] HIGH TECH ENERGIE SRO, SK
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[54] **SYSTEM FOR SECURING INDUCTOR SEGMENTS TO AN INDUCTOR ASSEMBLY OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE FIXATION DE SEGMENTS D'INDUCTION A UN ENSEMBLE D'INDUCTION D'UNE MACHINE AGRICOLE**
[72] CONNORS, MICHAEL J., US
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[25] EN
[54] **DISPERSION METHOD FOR THE PREPARATION OF PARTICLE REINFORCED POLYMER COMPOSITIONS**
[54] **PROCEDE DE DISPERSION POUR PREPARER DES COMPOSITIONS POLYMERES RENFORCEES PAR DES PARTICULES**
[72] MEEGAN, JONATHAN, GB
[72] SMITH, OLIVIA, GB
[73] CYTEC ENGINEERED MATERIALS LIMITED, GB
[85] 2013-07-11
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[54] **HAYMAKING MACHINE**
[54] **MACHINE DE FENAISON**
[72] HOERNER, YANNICK, FR
[73] KUHN S.A., FR
[85] 2013-07-11
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[54] **FREE RADICAL POLYMERISATION OF ETHYLENE INITIATED BY ORGANIC PEROXIDES WITH HIGH PRODUCTIVITY**
[54] **POLYMERISATION RADICALAIRE DE L'ETHYLENE AMORCEE PAR DES PEROXYDES ORGANIQUES A HAUTE PRODUCTIVITE**
[72] NICOL, PASCAL, FR
[72] HUB, SERGE, FR
[73] ARKEMA FRANCE, FR
[85] 2013-07-16
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[54] **UTILISATION DE SEDAXANE POUR AUGMENTER LE NOMBRE DE NODULES DANS UNE RACINE VEGETALE**
[72] CASTRO, ROBERTO, BR
[72] NUNES, JOAO CARLOS DA SILVA, BR
[72] OOSTENDORP, MICHAEL, CH
[72] VEIGA, JOSE SOTO, BR
[73] SYNGENTA PARTICIPATIONS AG, CH
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[54] **VEHICULE TOUT-TERRAIN A SIEGES COTE A COTE**
[72] KINSMAN, ANTHONY J., US
[72] MORISON, ANGUS M., US
[72] HOLLMAN, KEITH A., US
[72] SCHLANGEN, ADAM J., US
[72] PETERSON, SHAWN D., US
[72] RIPLEY, RICHARD D., US
[72] ERSPAMER, BRENT A., US
[72] SCHIEBEL, STEVEN M., US
[73] POLARIS INDUSTRIES INC., US
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[54] **APPARATUS AND METHODS FOR TREATING INTRACORPOREAL FLUID ACCUMULATION**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT D'UNE ACCUMULATION DE FLUIDE INTRACORPOREL**
[72] DEGEN, THOMAS, CH
[72] THOMMEN, DANIEL, CH
[72] JOHNSON, NOEL L., US
[73] SEQUANA MEDICAL AG, CH
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[54] **BYPASS FEEDER DEVICE**
[54] **DISPOSITIF D'ALIMENTATION EN DERIVATION**
[72] O'LEARY, MICHAEL JOHN, US
[72] O'LEARY, TIM JAMES, US
[73] HUGUENOT LABORATORIES, US
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[54] **ADHESIVE PATCH AND METHOD OF USING THE SAME**
[54] **PIECE ADHESIVE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] COLLINS, THOMAS, CA
[72] URQUHART, MICHAEL DREW, CA
[72] POTTER, BARBARA JEANNE LACOSTE, CA
[72] SCHACTER, JEFFREY MILES, CA
[72] BURNAND, SEAN PETER, CA
[72] LAM, IWAIN, CA
[72] FOGEL, BRUCE STEWART, CA
[73] SURFACE MEDICAL INC., CA
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[25] EN
[54] **FURNITURE LEVELLING DEVICE**
[54] **DISPOSITIF DE REGLAGE DE NIVEAU POUR MEUBLES**
[72] GILD, KEITH, ZA
[73] GILD, KEITH, ZA
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[54] **METHOD AND DEVICE FOR PRODUCING CHEESE**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE FROMAGE**
[72] WALDBURGER, PETER, CH
[73] KALT MASCHINENBAU AG, CH
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[54] **PACKAGING MACHINE AND PACKAGING METHOD**
[54] **MACHINE ET PROCEDE D'EMBALLAGE**
[72] ISHIKAWA, SHINJI, JP
[72] OZEKI, SHINYA, JP
[73] GENERAL PACKER CO., LTD., JP
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[54] **SYNTHESIS OF 2-CARBOXAMIDE CYCLOAMINO UREA DERIVATIVES**
[54] **SYNTHESE DE DERIVES DE 2-CARBOXAMIDOCYCLOAMINOU REE**
[72] ERB, BERNHARD, CH
[72] GALLOU, ISABELLE SYLVIE, CH
[72] KLEINBECK, FLORIAN KARL, CH
[73] NOVARTIS AG, CH
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[54] **SURGICAL STAPLE CARTRIDGES WITH TISSUE TETHERS FOR MANIPULATING DIVIDED TISSUE AND METHODS OF USING SAME**
[54] **CARTOUCHES POUR AGRAFEUSE CHIRURGICALE COMPRENANT DES CABLES D'ATTACHE TISSULAIRE POUR MANIPULER LE TISSU DECOUPE, ET PROCEDES D'UTILISATION ASSOCIES**
[72] SWAYZE, JEFFREY S., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **PROCEDES PERFECTIONNES DE PRODUCTION DE PROPYLENE GLYCOL BIODERIVE**
[72] ADLAF, KEVIN, US
[72] BLOOM, PAUL D., US
[72] HOFFMAN, WILLIAM CHRIS, US
[72] MA, CHICHENG, US
[72] SOPER, JOHN G., US
[72] ZENTHOEFER, BRAD, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[54] **AMINO-QUINOLEINES EN TANT QU'INHIBITEURS DE KINASE**
[72] BURY, MICHAEL JONATHAN, US
[72] CASILLAS, LINDA N., US
[72] CHARNLEY, ADAM KENNETH, US
[72] HAILE, PAMELA A., US
[72] MARQUIS, ROBERT W., JR., US
[72] MEHLMANN, JOHN F., US
[72] ROMANO, JOSEPH J., US
[72] SINGHAUS, ROBERT R., US
[72] WANG, GREN Z., US
[73] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[25] EN
[54] **POPPET VALVE FOR PUMP SYSTEMS WITH NON-RIGID CONNECTOR TO FACILITATE EFFECTIVE SEALING**
[54] **SOUPAPE CHAMPIGNON POUR SYSTEMES A POMPES A CONNECTEUR SOUPLE POUR FACILITER UNE ETANCHEITE EFFICACE**
[72] MARICA, ADRIAN, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-09-10
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[54] **MELANGE D'UN FLUIDE MULTIPHASE**
[72] VARET, GUILLAUME, FR
[72] NASRI, DJAMEL, FR
[72] MONTEL, FRANCOIS, FR
[72] DARIDON, JEAN-LUC, FR
[73] TOTAL S.A., FR
[73] UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR, FR
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[54] **ENSEMBLE DE VERROUILLAGE DE SELLETTE D'ATTELAGE**
[72] KRAAI, JASON J., US
[73] DETHMERS MANUFACTURING COMPANY, US
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[72] CANTWELL, BRAD, US
[72] GREENE, MICHAEL E., US
[72] JONES, TERRANCE L., US
[72] KERR, STEW, US
[73] MID-WEST METAL PRODUCTS CO., INC., US
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[54] **CYLINDRE DE BROSSE D'UN APPAREIL D'ENTRETIEN DES SOLS**
[72] LIFFERS, ACHIM, DE
[72] LAASER, ANDREAS, DE
[73] STEIN & CO. GMBH, DE
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[54] **UNITE DE RACCORD ASPIRANT**
[72] FISCHER, RENE, CH
[72] FURRER, ETIENNE, CH
[72] EMMENEGGER, BERNHARD, CH
[73] MEDELA HOLDING AG, CH
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[54] **COMBINATIONS OF ANTI-4-1BB ANTIBODIES AND ADCC-INDUCING ANTIBODIES FOR THE TREATMENT OF CANCER**
[54] **COMBINAISONS D'ANTICORPS ANTI-4-1BB ET D'ANTICORPS INDUISANT UNE CYTOTOXICITE A MEDIATION CELLULAIRE DEPENDANTE D'UN ANTICORPS (ADCC) POUR LE TRAITEMENT DU CANCER**
[72] ELLIOTT, MARK WILLIAM, US
[72] FISHER, TIMOTHY SCOTT, US
[72] SHARP, LESLIE LYNNE, US
[73] PFIZER INC., US
[85] 2013-09-20
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[54] **OCCLUSION-CROSSING DEVICES, IMAGING, AND ATHERECTOMY DEVICES**
[54] **DISPOSITIFS TRAVERSANT UNE OCCLUSION, IMAGERIE ET DISPOSITIFS D'ATHERECTOMIE**
[72] SIMPSON, JOHN B., US
[72] PATEL, HIMANSHU N., US
[72] ZUNG, MICHAEL, US
[72] MCNALL, CHARLES W., US
[72] GUPTA, PRIYANSHU, US
[72] SPENCER, MAEGAN K., US
[72] WHITE, CHRISTOPHER B., US
[72] JACKSON, DENNIS W., US
[72] BLACK, JOHN F., US
[73] AVINGER, INC., US
[85] 2013-09-24
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[54] **POLYESTER BINDER RESIN FOR COATING, AND COATING COMPOSITION CONTAINING SAME**
[54] **RESINE DE LIANT DE POLYESTER DESTINEE AU REVETEMENT ET COMPOSITION DE REVETEMENT LA CONTENANT**
[72] KIM, DONG-JIN, KR
[72] LEE, KYE-YUNE, KR
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[72] BORCHARDT, MICHAEL G., US
[73] THE GLAD PRODUCTS COMPANY, US
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[54] **PROCEDE ET APPAREIL POUR LA CULTURE DE PLANTES LE LONG D'UN PARCOURS ONDULE**
[72] BENNE, JACOB, CA
[72] MEIKLEHAM, DANIEL, CA
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[54] **VACCIN RECOMBINANT CONTRE LE SRRP, A VECTEUR VIRAL**
[72] LOZANO-DUBERNARD, BERNARDO, MX
[72] SOTO-PRIANTE, ERNESTO, MX
[72] SARFATI-MIZRAHI, DAVID, MX
[72] LARA-PUENTE, JESUS HORACIO, MX
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[73] TULLI PTY LTD, AU
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[54] **A METHOD FOR OPERATING A PRESS WITH A BOTTOM DRIVE AND A PRESS OPERATED ACCORDINGLY**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE PRESSE EQUIPEE D'UN ENTRAINEMENT INFERIEUR ET PRESSE FONCTIONNANT SELON LEDIT PROCEDE**
[72] SPIESSHOFER, THOMAS, DE
[72] MULLER, MARKUS, DE
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[73] SCHULER PRESSEN GMBH, DE
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[54] **ENSEMBLE DISJONCTEUR ENFICHABLE ETANCHE**
[72] MILLS, PATRICK WELLINGTON, US
[72] MCCORMICK, JAMES MICHAEL, US
[73] LABINAL, LLC, US
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[72] YUDA, SHUITSU, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **SYSTEME DE CONTROLE D'ACCES A UNE ZONE RESERVEE ET PROCEDE DE COMMANDE D'UN TEL SYSTEME**
[72] RAYNAL, CHRISTOPHE, FR
[73] THALES, FR
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[54] **ALGINATES MODIFIES POUR L'ENCAPSULATION CELLULAIRE ET LA THERAPIE CELLULAIRE**
[72] VEGAS, ARTURO J., US
[72] MA, MINGLIN, US
[72] BRATLIE, KAITLIN M., US
[72] ANDERSON, DANIEL G., US
[72] LANGER, ROBERT S., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **ANTICORPS NEUTRALISANT LE RECEPTEUR DE LA PROLACTINE MAT3 ET USAGE THERAPEUTIQUE ASSOCIE**
[72] FREIBERG, CHRISTOPH, DE
[72] OTTO, CHRISTIANE, DE
[72] LINDEN, LARS, DE
[72] HARRENGA, AXEL, DE
[72] TRAUTWEIN, MARK, DE
[72] GREVEN, SIMONE, DE
[72] WILMEN, ANDREAS, DE
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[72] GLADDEN, THOMAS, CH
[72] POGET, LAURENT, CH
[72] JOCHNOWITZ, EVAN, CH
[72] ROUDIER, STEPHANE, CH
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[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SYSTEME ET PROCEDE DE SERVEUR D'AFFICHAGE HIERARCHIQUE**
[72] BAKKE, STEVE, US
[73] NETZYN, INC, US
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[54] **ASSISTANT PERSONNALISE POUR L'ALIMENTATION ET LE BIEN-ETRE**
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[73] LIFEQ GLOBAL LIMITED, IE
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[54] **APPAREIL ET PROCEDE PERMETTANT DE REEDUQUER UN MEMBRE BLESSE**
[72] ELIA, SHLOMO, IL
[73] REHABIT-TEC LTD., IL
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[54] **A METHOD AND SYSTEM FOR LOWERING THE WATER DEW POINT OF A HYDROCARBON FLUID STREAM SUBSEA**
[54] **PROCEDE ET SYSTEME POUR ABAISSER LE POINT DE ROSEE D'EAU D'UN FLUX DE FLUIDE D'HYDROCARBURE SOUS-MARIN**
[72] KAASA, BAARD, NO
[72] RUSTEN, BERNT, HENNING, NO
[72] MARAK, KNUT ARILD, NO
[72] FREDHEIM, ARNE OLAV, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **COMPOSANT TUBULAIRE DOTE D'UNE SURFACE RESISTANT A L'USURE INTERNE**
[72] LENES, ERIK, NO
[73] MATERIX AS, NO
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[54] **PROCEDES ET APPAREIL POUR EXTINCTION DE FEU DE CENTRE DE DONNEES A AILE CHAUDE/AILE FROIDE**
[72] ECKHOLM, WILLIAM A., US
[72] HOFFMAN, WILLIAM DAVID, US
[73] FIRETRACE USA, LLC, US
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[54] **PROCEDE POUR L'INCINERATION DE NH3 ET INCINERATEUR DE NH3**
[72] BETLEM, MAARTEN, NL
[72] OLSTHOORN, SJAAK, NL
[72] VAN WELSEN, MARK, NL
[73] DUIKER COMBUSTION ENGINEERS B.V., NL
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[54] **HYDROCARBONS ENVIRONMENTAL PROCESSING SYSTEM METHOD AND APPARATUS**
[54] **SYSTEME, PROCEDE ET APPAREIL DE TRAITEMENT ECOLOGIQUE D'HYDROCARBURES**
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[72] SNYDMILLER, STUART ALLAN, CA
[73] ROBINSON, DAVID, CA
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[54] **COMPOSITION AQUEUSE AMELIOREE POUR LE BLANCHIMENT ET L'OMBRAGE DANS DES APPLICATIONS DE REVETEMENT**
[72] KLEIN, CEDRIC, FR
[72] REVEAUD, FREDERIC, FR
[72] ATKINSON, DAVID, CH
[72] JACKSON, ANDREW CLIVE, CH
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[54] **SYSTEME D'EXECUTION A DESCRIPTIONS D'INTERFACE INDEPENDANTES**
[72] RECTOR, BRENT E., US
[72] OMIYA, ELLIOT H., US
[72] DUNIETZ, JERRY J., US
[72] LOVELL, MARTYN S., US
[72] HOLECEK, ALES, US
[72] PRAKRIYA, MAHESH, US
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[72] SPRINGFIELD, JAMES F., US
[72] CROSS, NOEL R., US
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[72] HASEGAWA, MASAHIRO, JP
[72] TADA, TSUYOSHI, JP
[72] HOMMA, TOSHIHIKO, JP
[73] SEI OPTIFRONTIER CO., LTD., JP
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[54] **PROCEDE DE PRODUCTION D'UN CARBURANT DIESEL ET D'UNE HUILE DE BASE LUBRIFIANTE**
[72] JOSECK, ERIC D., US
[72] CARROLL, MICHAEL BRIAN, US
[72] MENTZER, DAVID, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **DISPOSITIF PERMETTANT D'ATTENUER L'EFFET COURONNE**
[72] RODRIGUEZ LOPEZ, ALBERT, ES
[72] SANLLEHI MUNOZ, JOSEP, ES
[72] LALAOUNA, SAID, ES
[72] HERNANDEZ GUITERAS, JOAN, ES
[72] RIBA RUIZ, JORDI ROGER, ES
[73] SBI CONNECTORS ESPANA, S.A., ES
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[72] CHENG, CHIEH-MIN, US
[72] MALACHOWSKI, STEVEN M., US
[72] YOUNG, ERIC JOSEPH, US
[72] GODSHALL, ERIC DAVID, US
[72] MARION, BRIAN JOSEPH, US
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[54] **TURBOMACHINE A HELICE(S) POUR AERONEF AVEC SYSTEME POUR CHANGER LE PAS DE L'HELICE**
[72] ESCURE, DIDIER RENE ANDRE, FR
[72] BOCQUET, DENIS LOUIS, FR
[72] CHARIER, GILLES ALAIN, FR
[72] SZYMANDERA, ALEKSANDER, PL
[72] MALITKA, MAREK, PL
[72] SIKORSKI, JAN, PL
[72] CARRINGTON, CHRISTOPHER, GB
[73] SNECMA, FR
[73] GE AVIATION SYSTEMS LIMITED, GB
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[54] **STABILISANTS POUR DES PRODUITS HEMOSTATIQUES**
[72] OLSON, CURTIS E., US
[72] MESSINA, PHILIP A., US
[73] ST. TERESA MEDICAL, INC., US
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[30] US (61/548,258) 2011-10-18
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[54] **METHOD FOR STORING A RESPIRATORY MASK AND RESPIRATORY EQUIPMENT INCLUDING A RESPIRATORY MASK AND A STORAGE ELEMENT**
[54] **PROCEDE DE RANGEMENT D'UN MASQUE RESPIRATOIRE ET EQUIPEMENT RESPIRATOIRE COMPRENANT UN MASQUE RESPIRATOIRE ET UN ELEMENT DE RANGEMENT**
[72] LIBIS, JEAN-PAUL, FR
[73] ZODIAC AEROTECHNICS, FR
[85] 2014-04-17
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[54] **SYSTEME DE FILTRAGE CONVERTIBLE**
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[72] BLISS, GALEN A., US
[73] CLARUS FLUID INTELLIGENCE, LLC, US
[86] (2854031)
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[25] EN
[54] **VIAL ADAPTORS AND VIALS FOR REGULATING PRESSURE**
[54] **ADAPTATEURS DE FLACON ET FLACONS DE REGULATION DE PRESSION**
[72] FANGROW, THOMAS F., US
[72] WARREN, DEE E., US
[72] LOPEZ, DAN, US
[72] SEIFERT, JOHN M., US
[72] WOODS, JEFFREY R., US
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[54] **METHOD OF FORMING DEXTRAN AND THROMBIN SHEETS**
[54] **PROCEDE DE FORMATION DE FEUILLES DE DEXTRAN ET DE THROMBINE**
[72] OLSON, CURTIS E., US
[72] MESSINA, PHILIP A., US
[72] JACKSON, BRIAN JEFFREY, US
[73] ST. TERESA MEDICAL, INC., US
[85] 2014-05-01
[86] 2012-10-17 (PCT/US2012/060643)
[87] (WO2013/059341)
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[30] US (61/548,260) 2011-10-18
[30] US (61/548,261) 2011-10-18
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[13] C
[51] **Int.Cl. A23G 4/08 (2006.01) A23G 4/10 (2006.01)**
[25] EN
[54] **CHEWING GUM BASE CONTAINING SUBSTITUTED POLYSACCHARIDES AND CHEWING GUM PRODUCTS MADE THERE FROM**
[54] **BASE DE GOMME A MACHER CONTENANT DES POLYSACCHARIDES SUBSTITUES ET PRODUITS DE GOMME A MACHER OBTENUS A PARTIR DE CETTE BASE**
[72] MO, XIAOQUN, US
[72] LIU, JINGPING, US
[72] LI, KAICHANG, US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2014-05-05
[86] 2012-10-26 (PCT/US2012/062043)
[87] (WO2013/070444)
[30] US (61/556,546) 2011-11-07

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[13] C
[51] **Int.Cl. H04Q 3/68 (2006.01)**
[25] FR
[54] **NETWORK OF SWITCHES AND PAYLOAD OF TELECOMMUNICATIONS SATELLITE COMPRISING A NETWORK OF SWITCHES**
[54] **RESEAU DE COMMUTATEURS ET CHARGE UTILE DE SATELLITE DE TELECOMMUNICATIONS COMPORTANT UN RESEAU DE COMMUTATEURS**
[72] NAKAD, OLIVIER, FR
[73] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2014-05-26
[86] 2011-12-01 (PCT/EP2011/071572)
[87] (WO2012/072773)
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[51] **Int.Cl. H02B 13/025 (2006.01) H02B 13/065 (2006.01) H02B 13/075 (2006.01)**
[25] EN
[54] **MECHANICAL MEANS TO REDIRECT INTERNAL ARC LOCATION**
[54] **MOYEN MECANIQUE POUR REDIRIGER UN EMPLACEMENT D'ARC INTERNE**
[72] MONAHAN, TERRY, US
[73] SCHNEIDER ELECTRIC USA, INC., US
[85] 2014-05-30
[86] 2012-12-05 (PCT/US2012/067832)
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[30] US (13/328,432) 2011-12-16

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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **A MULTI-ORIENTATION CANISTER FOR USE WITH A REDUCED PRESSURE TREATMENT SYSTEM**
[54] **RECIPIENT A ORIENTATIONS MULTIPLES DESTINE A ETRE UTILISE AVEC UN SYSTEME DE TRAITEMENT A PRESSION REDUITE**
[72] CHEN, FERNANDO, US
[72] DAI, KEVIN H., US
[72] YEADON, STEPHEN C., US
[73] KCI LICENSING, INC., US
[85] 2014-06-03
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[25] EN
[54] **BELT HAVING A MULTILAYER IMPREGNATED TEXTILE OVERLAY**
[54] **COURROIE COMPRENANT UNE SURFACE D'APPUI MULTICOUCHE EN TEXTILE IMPREGNE**
[72] GIBSON, DANIEL PATTIE, DE
[73] ARNTZ BETEILIGUNGS GMBH & CO. KG, DE
[85] 2014-06-11
[86] 2012-12-17 (PCT/EP2012/005191)
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[30] DE (10 2011 121 656.5) 2011-12-20

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[51] **Int.Cl. E21B 43/116 (2006.01)**
[25] EN
[54] **A STRUCTURE FOR GUNPOWDER CHARGE IN MULTI-FRAC COMPOSITE PERFORATING DEVICES**
[54] **STRUCTURE DESTINEE A LA CHARGE DE POUDRE DANS DES DISPOSITIFS DE PERFORATION DE COMPOSITE A POLYFRACTURATION**
[72] ZHANG, GUOAN, CN
[72] CHENG, JIANLONG, CN
[72] SUN, XIANHONG, CN
[73] TONG PETROTECH INC, US
[73] TONG OIL TOOLS CO., LTD, CN
[85] 2014-06-12
[86] 2012-12-14 (PCT/US2012/069606)
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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/682 (2018.01) C12Q 1/6844 (2018.01)**
[25] EN
[54] **DETECTION OF TARGET NUCLEIC ACID SEQUENCE BY PTO CLEAVAGE AND EXTENSION-DEPENDENT SIGNALING OLIGONUCLEOTIDE HYBRIDIZATION ASSAY**
[54] **DETECTION DE SEQUENCE D'ACIDE NUCLEIQUE CIBLE PAR TEST DE CLIVAGE DE PTO ET HYBRIDATION OLIGONUCLEOTIDIQUE DE SIGNALISATION DEPENDANT DE L'ELONGATION**
[72] CHUN, JOUG YOON, KR
[72] LEE, YOUNG JO, KR
[73] SEEGENE, INC., KR
[85] 2014-07-23
[86] 2012-07-03 (PCT/KR2012/005281)
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[30] KR (10-2012-0010681) 2012-02-02
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[25] EN
[54] **SOD POSITIONING MACHINE**
[54] **MACHINE DE POSITIONNEMENT DE GAZON**
[72] CARLSON, PAUL, US
[73] LAWNS KEEPER INC., US
[85] 2014-07-24
[86] 2013-01-25 (PCT/US2013/023247)
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[25] EN
[54] **FEED-THROUGH ELEMENT FOR HARSH ENVIRONMENTS**
[54] **ELEMENT DE TRAVERSEE POUR ENVIRONNEMENTS RUDES**
[72] LEEDECKE, CHARLES, US
[72] FILKINS, DAVID, US
[72] SUFFNER, JENS, DE
[72] LITTLE, ELLEN KAY, US
[72] CASTILLO, JULIO, US
[72] PICHLER-WILHELM, SABINE, DE
[73] SCHOTT AG, DE
[86] (2863391)
[87] (2863391)
[22] 2014-09-12
[30] US (14/032,475) 2013-09-20

[11] **2,865,326**
[13] C
[51] **Int.Cl. C25C 7/00 (2006.01) C02F 1/461 (2006.01) C25C 1/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ADVANCED ELECTROCHEMICAL MODIFICATION OF LIQUIDS**
[54] **APPAREIL ET METHODE DE MODIFICATION ELECTROCHIMIQUE AVANCEE DE LIQUIDES**
[72] JAMES, PATRICK I., US
[73] BLUE PLANET STRATEGIES, LLC, US
[86] (2865326)
[87] (2865326)
[22] 2014-09-29

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[51] **Int.Cl. G01V 15/00 (2006.01)**
[25] FR
[54] **LOCATING DEVICE FOR EVALUATING THE DISTANCE BETWEEN AN RFID LABEL AND AN INTERFACE**
[54] **DISPOSITIF DE LOCALISATION POUR L'EVALUATION DE LA DISTANCE ENTRE UNE ETIQUETTE RFID ET UNE INTERFACE**
[72] THOMAS, THIERRY, FR
[72] FRASSATI, FRANCOIS, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2014-09-04
[86] 2013-03-06 (PCT/EP2013/054534)
[87] (WO2013/131975)
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[11] **2,868,285**
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[51] **Int.Cl. F26B 3/06 (2006.01) F26B 17/08 (2006.01) F26B 21/02 (2006.01) F26B 25/00 (2006.01)**
[25] EN
[54] **MULTIPLE PRODUCT BELT DRIER FOR DRYING PASTY AND/OR POWDERY MATERIALS, PARTICULARLY FOR SLUDGES FROM TREATMENT PLANTS OR BIOMASS**
[54] **SECHOIR MULTIPRODUIT DE COURROIE POUR PRODUITS PATEUX ET/OU PULVERULENTS, EN PARTICULIER POUR BOUES DE STATION D'EPURATION OU BIOMASSE**
[72] PERMUY DOBARRO, JUAN, ES
[73] SOCIEDAD GENERAL DE AGUAS DE BARCELONA, S.A., ES
[85] 2014-09-23
[86] 2013-04-10 (PCT/ES2013/070228)
[87] (WO2013/153248)
[30] EP (12382143.1) 2012-04-13

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[13] C
[51] **Int.Cl. G06F 3/12 (2006.01) G06Q 30/02 (2012.01) B41J 29/38 (2006.01) G07G 1/12 (2006.01)**
[25] EN
[54] **PRINTING SYSTEM AND PRINTER**
[54] **SYSTEME D'IMPRESSION ET IMPRIMANTE**
[72] NOBUTANI, TSUTOMU, JP
[73] SEIKO EPSON CORPORATION, JP
[85] 2014-09-29
[86] 2013-03-28 (PCT/JP2013/002149)
[87] (WO2013/145766)
[30] JP (2012-079643) 2012-03-30

[11] **2,869,580**
[13] C
[51] **Int.Cl. G01D 11/24 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **HOUSING AND METHOD OF MAKING SAME**
[54] **LOGEMENT ET SON PROCEDE DE FABRICATION**
[72] METZGER, RONALD ALAN, US
[73] YSI INCORPORATED, US
[85] 2014-10-03
[86] 2013-03-26 (PCT/US2013/033799)
[87] (WO2013/151826)
[30] US (13/439,249) 2012-04-04

[11] **2,869,611**
[13] C
[51] **Int.Cl. A23C 9/152 (2006.01) A23C 9/154 (2006.01) A23C 9/156 (2006.01)**
[25] EN
[54] **SHELF-STABLE ACIDIFIED DAIRY OR DAIRY-LIKE PRODUCTS AND METHODS FOR MAKING SAME**
[54] **PRODUITS LAITIERS OU DU TYPE LAITIER ACIDIFIES DE LONGUE CONSERVATION ET LEURS PROCEDES DE FABRICATION**
[72] GRAF, ERIC EDWARD, US
[72] SAVANT, VIVEK DILIP, US
[73] NESTEC S.A., CH
[85] 2014-10-03
[86] 2013-04-03 (PCT/IB2013/052669)
[87] (WO2013/150468)
[30] US (61/620,075) 2012-04-04
[30] US (61/638,112) 2012-04-25

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[13] C
[51] **Int.Cl. H02G 7/20 (2006.01) H02G 7/05 (2006.01) H02G 7/12 (2006.01)**
[25] EN
[54] **HIGH-CAPACITY/EFFICIENCY TRANSMISSION LINE DESIGN**
[54] **CONCEPTION D'UNE LIGNE DE TRANSMISSION DOUEE D'UNE GRANDE CAPACITE ET D'UNE GRANDE EFFICACITE**
[72] FULK, MEIHUAN ZHU, US
[72] GUTMAN, RICHARD, US
[73] BOLD TRANSMISSION, LLC, US
[85] 2014-10-16
[86] 2013-05-14 (PCT/US2013/040965)
[87] (WO2013/163660)

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[13] C
[51] **Int.Cl. H02G 3/30 (2006.01) E04D 13/00 (2006.01) H05B 3/56 (2006.01)**
[25] EN
[54] **METHODS AND ARRANGEMENTS FOR SECURING CABLE TO A ROOF**
[54] **METHODES ET DISPOSITIONS DE FIXATION DE CABLE A UN TOIT**
[72] RUMSEY, BRONSON, US
[72] RILEY, MIKE, US
[72] ELSON, ANDY, US
[72] NARK, MALCOLM BRENT, US
[73] HOTEDGE LLC, US
[86] (2870955)
[87] (2870955)
[22] 2014-11-10
[30] US (14/334,705) 2014-07-18

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[13] C
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/172 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **ENCODING METHOD, DECODING METHOD, ENCODING APPARATUS, DECODING APPARATUS, AND ENCODING AND DECODING APPARATUS**
[54] **METHODE DE CODAGE, METHODE DE DECODAGE, APPAREIL DE CODAGE, APPAREIL DE DECODAGE ET APPAREIL DE CODAGE ET DE DECODAGE**
[72] TOMA, TADAMASA, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SASAI, HISAO, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[72] TERADA, KENGO, JP
[73] SUN PATENT TRUST, US
[85] 2014-10-20
[86] 2013-04-11 (PCT/JP2013/002461)
[87] (WO2013/161203)
[30] US (61/636,913) 2012-04-23
[30] US (61/658,957) 2012-06-13

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[25] EN
[54] **CARBON NANOCOMPOSITE SORBENT AND METHODS OF USING THE SAME FOR SEPARATION OF ONE OR MORE MATERIALS FROM A GAS STREAM**
[54] **SORBANT A BASE DE NANOCOMPOSITES DE CARBONE ET SES PROCEDES D'UTILISATION EN VUE DE LA SEPARATION D'UN OU PLUSIEURS MATERIAUX DEPUIS UN FLUX DE GAZ**
[72] OLSON, EDWIN S., US
[72] PAVLISH, JOHN HENRY, US
[73] MIDWEST ENERGY EMISSIONS CORP., US
[85] 2014-10-23
[86] 2013-04-17 (PCT/US2013/036964)
[87] (WO2013/162968)
[30] US (13/453,274) 2012-04-23

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[51] **Int.Cl. A23B 9/08 (2006.01) B65G 69/00 (2006.01) C12C 1/073 (2006.01) C12C 1/135 (2006.01) C12C 1/15 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR KILN DRYING OF MATERIAL FOR KILN DRYING**
[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE PRODUITS A SECHER**
[72] SILBERMANN, KAI, DE
[72] REINBERG, DETLEF, DE
[72] BENZ, MATTHIAS, DE
[73] BUHLER GMBH, DE
[85] 2014-12-17
[86] 2013-06-20 (PCT/EP2013/062892)
[87] (WO2014/016065)
[30] EP (12178180.1) 2012-07-27

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[51] **Int.Cl. B21C 29/04 (2006.01)**
[25] EN
[54] **EXTRUSION DIE PRE-HEATING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PRECHAUFFAGE DE FILIERE D'EXTRUSION**
[72] ROBBINS, PAUL, CA
[73] EXCO TECHNOLOGIES LIMITED, CA
[85] 2014-12-12
[86] 2013-06-20 (PCT/CA2013/000588)
[87] (WO2013/188961)
[30] US (61/662,677) 2012-06-21

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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 1/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PLAYING MULTIPLAYER GAMES**
[54] **SYSTEME DE PARTICIPATION A DES JEUX A PLUSIEURS JOUEURS**
[72] MELTON, LYDIA CATHERINE, GB
[73] PRIDEFIELD LIMITED, IM
[85] 2014-12-12
[86] 2013-06-27 (PCT/GB2013/051703)
[87] (WO2014/001809)
[30] GB (1211591.1) 2012-06-29

[11] **2,878,799**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**
[25] EN
[54] **CATHETER WITH RETRACTABLE SLEEVE AND METHOD OF USING CATHETER SYSTEM**
[54] **CATHETER COMPORTANT UN MANCHON RETRACTABLE ET PROCEDE D'UTILISATION D'UN SYSTEME DE CATHETER**
[72] COHEN, ITSHAK, IL
[72] MAXIMUK, SHAHAR, IL
[72] MOISEYEV, GILAD, IL
[73] MEDINOL LTD., IL
[85] 2015-01-09
[86] 2013-07-23 (PCT/IB2013/002770)
[87] (WO2014/033553)
[30] US (13/560,132) 2012-07-27

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[13] C
[51] **Int.Cl. A23L 2/52 (2006.01) A23C 23/00 (2006.01)**
[25] EN
[54] **A DRINK OF THE COMBINATION OF ANGIOGENIN AND LACTOPEROXIDASE FOR USE IN PREVENTION OR TREATMENT OF BONE DISEASE**
[54] **UNE BOISSON FAITE DE LA COMBINAISON D'ANGIOGENINE ET DE LACTOPEROXYDASE DESTINEE A LA PREVENTION OU AU TRAITEMENT DE MALADIES OSSEUSES**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[73] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069394)
[87] (WO2014/020678)

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[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) H01H 9/02 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **WIRELESS MULTI-FUNCTION REMOTE CONTROL DEVICE**
[54] **DISPOSITIF DE TELECOMMANDE MULTIFONCTION SANS FIL**
[72] TRAN, CHI, US
[72] LEE, KOK TIONG, MY
[72] LIM, KUANG ENG, MY
[72] OOI, BENG GIAN, MY
[72] RICHARDS, SCOTT, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-01-23
[86] 2012-07-31 (PCT/MY2012/000219)
[87] (WO2014/021703)

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[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/064 (2006.01) A61B 17/11 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR ENGAGING TISSUE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE FIXATION A UN TISSU**
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] SMITH, BENJAMIN A., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-01-30
[86] 2013-08-06 (PCT/US2013/053858)
[87] (WO2014/025825)
[30] US (61/682,141) 2012-08-10
[30] US (61/773,442) 2013-03-06
[30] US (13/958,665) 2013-08-05

[11] **2,881,201**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **CUSTOMER CONTROLLED MANAGEMENT OF SHIPMENTS**
[54] **GESTION D'ENVOIS CONTROLEE PAR LE CLIENT**
[72] CAMPBELL, RANDY, US
[72] SLAYTON, JOHN, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2015-02-04
[86] 2013-11-04 (PCT/US2013/068219)
[87] (WO2014/116322)
[30] US (13/746,842) 2013-01-22

[11] **2,882,759**
[13] C
[51] **Int.Cl. C07H 21/04 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) C12N 9/12 (2006.01) C12N 9/16 (2006.01) C12N 15/54 (2006.01) C12N 15/55 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **DETECTION OF THE NTRK1-MPRIP GENE FUSION FOR CANCER DIAGNOSIS**
[54] **DETECTION DE LA FUSION DU GENE NTRK1-MPRIP EN VUE D'UN DIAGNOSTIC DU CANCER**
[72] DOEBELE, ROBERT C., US
[72] GARCIA, MARILEILA VARELLA, US
[72] LE, ANH T., US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, US
[85] 2015-05-11
[86] 2013-08-30 (PCT/US2013/057495)
[87] (WO2014/036387)
[30] US (61/696,002) 2012-08-31
[30] US (61/827,514) 2013-05-24

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[13] C
[51] **Int.Cl. A47H 5/06 (2006.01) A47H 1/18 (2006.01) A47H 5/02 (2006.01) A47H 15/00 (2006.01) E06B 9/24 (2006.01)**
[25] EN
[54] **ROTATABLE DRIVE ELEMENT FOR MOVING A WINDOW COVERING**
[54] **ELEMENT D'ENTRAINEMENT ROTATIF DESTINE A DEPLACER UN COUVRE-FENETRE**
[72] MULLET, WILLIS JAY, US
[72] MATTHEWS, DANIEL T., US
[72] FOX, MICHAEL D., US
[72] LEE, GERALD ASHLEY, US
[73] CURRENT PRODUCTS CORP., US
[85] 2015-03-04
[86] 2013-09-17 (PCT/US2013/060205)
[87] (WO2014/043713)
[30] US (61/702,093) 2012-09-17
[30] US (13/841,732) 2013-03-15

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[13] C
[51] **Int.Cl. C12P 19/04 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR CAPSULAR POLYSACCHARIDE HAVING PNEUMOCOCCAL SEROTYPE**
[54] **PROCEDE DE PRODUCTION D'UN POLYSACCHARIDE DE CAPSULE AYANT UN SEROTYPE PNEUMOCOCCIQUE**
[72] SHIN, JIN-HWAN, KR
[72] PARK, MAHN-HOON, KR
[72] KIM, HUN, KR
[72] NOH, MYEONG-JU, KR
[72] PARK, SU-JIN, KR
[73] SK BIOSCIENCE CO., LTD., KR
[85] 2015-03-06
[86] 2013-09-06 (PCT/KR2013/008048)
[87] (WO2014/038879)
[30] KR (10-2012-0099348) 2012-09-07

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[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS, NETWORK NODES AND USER EQUIPMENTS IN A WIRELESS NETWORK FOR COMMUNICATING AN EPDCCH**
[54] **PROCEDES, NOEUDS DE RESEAU ET EQUIPEMENTS D'UTILISATEURS DANS UN RESEAU SANS FIL, EN VUE DE LA TRANSMISSION D'UN EPDCCH**
[72] FRENNE, MATTIAS, SE
[72] ERIKSSON, ERIK, SE
[72] HAMMARWALL, DAVID, SE
[72] JONGREN, GEORGE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-03-26
[86] 2013-03-27 (PCT/SE2013/050340)
[87] (WO2014/051487)
[30] US (61/707,555) 2012-09-28

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[51] **Int.Cl. F24C 7/04 (2006.01) A21B 1/06 (2006.01) A21B 1/22 (2006.01) F24C 7/06 (2006.01)**
[25] EN
[54] **HIGH-SPEED OVEN INCLUDING WIRE MESH HEATING ELEMENTS**
[54] **FOUR A GRANDE VITESSE COMPRENANT DES ELEMENTS CHAUFFANTS A TREILLIS DE FIL**
[72] DE LUCA, NICHOLAS P., US
[73] DE LUCA OVEN TECHNOLOGIES, LLC, US
[85] 2015-04-01
[86] 2013-09-30 (PCT/US2013/062767)
[87] (WO2014/055457)
[30] US (61/708,599) 2012-10-01
[30] US (61/708,602) 2012-10-01

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[51] **Int.Cl. G02B 6/12 (2006.01) H04B 10/278 (2013.01) H01L 31/102 (2006.01) H04J 14/02 (2006.01)**
[25] EN
[54] **INTEGRATED THERMAL STABILIZATION OF A MICRORING RESONATOR**
[54] **STABILISATION THERMIQUE INTEGREE D'UN RESONATEUR A MICROANNEAU**
[72] PADMARAJU, KISHORE, US
[72] BERGMAN, KEREN, US
[72] KNIGHTS, ANDREW, CA
[72] LOGAN, DYLAN, CA
[73] MCMASTER UNIVERSITY, CA
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2015-04-07
[86] 2013-10-09 (PCT/CA2013/050761)
[87] (WO2014/056105)
[30] US (61/711,396) 2012-10-09

[11] **2,887,452**
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[25] EN
[54] **METHOD AND APPARATUS FOR MOTION INFORMATION PREDICTION AND INHERITANCE IN VIDEO CODING**
[54] **PROCEDE ET APPAREIL POUR UNE PREDICTION ET UN HERITAGE D'INFORMATIONS DE MOUVEMENT DANS UN CODAGE VIDEO**
[72] LIN, JIAN-LIANG, CN
[72] CHEN, YI-WEN, CN
[73] HFI INNOVATION INC., CN
[85] 2015-04-08
[86] 2013-10-08 (PCT/CN2013/084839)
[87] (WO2014/056423)
[30] US (61/711,328) 2012-10-09

[11] **2,887,459**
[13] C
[51] **Int.Cl. F04D 29/70 (2006.01) F04D 13/06 (2006.01)**
[25] EN
[54] **INLET SIEVE FOR SELF-PRIMING FLOATING PUMPS**
[54] **TAMIS D'ENTREE POUR POMPES FLOTTANTES AUTO-AMORCANTE**
[72] ZAREMBA, GARY W., CA
[73] ZAREMBA, GARY W., CA
[86] (2887459)
[87] (2887459)
[22] 2015-04-13
[30] US (61/985,804) 2014-04-29

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[51] **Int.Cl. H02J 11/00 (2006.01) H02J 13/00 (2006.01) H02J 15/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **POWER SUPPLY FOR FAULTED CIRCUIT INDICATOR**
[54] **ALIMENTATION ELECTRIQUE POUR INDICATEUR DE CIRCUIT DEFAILLANT**
[72] KHOSHNOOD, BAHMAN, US
[72] KARNAKANTI, SRINIVAS, IN
[72] MARTIN, DAVID, US
[72] DODDS, WILLIAM J., US
[72] BRIGHT, EUGENE, US
[72] PUTTA, JAGADISH REDDY, IN
[72] DELGADO, CAMILO, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2887758)
[87] (2887758)
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[25] EN
[54] **DECODING AND FILTERING A HIERARCHICALLY PARTITIONED IMAGE USING SELECTED DIRECTIONAL INTRA PREDICTION MODES**
[54] **DECODAGE ET FILTRAGE D'UNE IMAGE A PARTITIONNEMENT HIERARCHIQUE AU MOYEN DE MODES DE PREDICTION INTERNES DIRECTIONNELS SELECTIONNES**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[72] KIM, IL-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2888490)
[87] (2888490)
[22] 2010-08-17
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[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **ROLLER MASSAGE SYSTEM**
[54] **SYSTEME DE MASSAGE A ROULEAUX**
[72] NELSON, JEREMY J., US
[73] ROLL RECOVERY, LLC, US
[85] 2015-04-28
[86] 2012-11-06 (PCT/US2012/063750)
[87] (WO2013/070632)
[30] US (61/628,882) 2011-11-07
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[51] **Int.Cl. H04L 9/30 (2006.01) G06F 7/72 (2006.01) H04L 9/06 (2006.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SIGNATURE PROTOCOL**
[54] **PROTOCOLE DE SIGNATURE**
[72] ANTIPA, ADRIAN, CA
[73] INFOSEC GLOBAL INC., CA
[86] (2892318)
[87] (2892318)
[22] 2015-05-26

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[51] **Int.Cl. H04W 4/021 (2018.01) H04W 8/18 (2009.01) G08B 21/18 (2006.01)**
[25] EN
[54] **DYNAMIC GEOFENCE BASED ON MEMBERS WITHIN**
[54] **PERIMETRE GEOGRAPHIQUE DYNAMIQUE BASE SUR DES MEMBRES DANS CELUI-CI**
[72] ZISES, MATTHEW SCOTT, US
[73] EBAY INC., US
[85] 2015-06-04
[86] 2013-12-04 (PCT/US2013/073021)
[87] (WO2014/089161)
[30] US (13/693,145) 2012-12-04

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[13] C
[51] **Int.Cl. A01C 5/06 (2006.01)**
[25] EN
[54] **INDEPENDENT SUSPENSION FOR CLOSING DISCS OF AN AGRICULTURAL ROW UNIT CLOSING ASSEMBLY**
[54] **DISPOSITIF DE SUSPENSION INDEPENDANT POUR DISQUES DE FERMETURE D'UN ENSEMBLE DE FERMETURE DE SEMOIR AGRICOLE**
[72] ANDERSON, BRIAN J., US
[72] DIENST, JOHNATHON R., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[85] 2015-06-11
[86] 2013-12-02 (PCT/US2013/072567)
[87] (WO2014/109844)
[30] US (13/737,548) 2013-01-09

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[13] C
[51] **Int.Cl. A01G 23/06 (2006.01) A01B 33/02 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **STUMP CUTTER DISC WITH RECESSED TOOTH POCKETS**
[54] **DISQUE D'ELEMENT DE COUPE DE SOUCHE A POCHETTES DENTEES RENFONCEES**
[72] WEINBERG, CLINT, US
[72] HARTKE, LOUIS C., US
[73] VERMEER MANUFACTURING COMPANY, US
[85] 2015-06-17
[86] 2014-01-09 (PCT/US2014/010869)
[87] (WO2014/110253)
[30] US (61/751,705) 2013-01-11
[30] US (14/147,277) 2014-01-03

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[13] C
[51] **Int.Cl. A47B 67/02 (2006.01) A47F 7/00 (2006.01) A61G 12/00 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **MEDICATION CABINET WITH DRAWER FOR SELECTABLE ACCESS**
[54] **ARMOIRE A MEDICAMENTS DOTEE D'UN TIROIR PERMETTANT UN ACCES SELECTIFI**
[72] BIBA, SCOTT I., US
[72] KOPLIN, RANDALL S., US
[72] LEE, DANIEL J., US
[72] SOUKUP, KATHY L., US
[72] MICHAEL, JAMES A., US
[73] ARXIUM, INC., US
[86] (2896353)
[87] (2896353)
[22] 2009-12-23
[62] 2,749,002
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[13] C
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 25/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NEW PYRIMIDINE DERIVATIVES AS PHOSPHODIESTERASE 10 INHIBITORS (PDE-10)**
[54] **NOUVEAUX DERIVES DE PYRIMIDINE EN TANT QU'INHIBITEURS DE PHOSPHODIESTERASE 10 (PDE-10)**
[72] CAMACHO GOMEZ, JUAN, ES
[72] CASTRO PALOMINO LARIA, JULIO, ES
[73] PALOBIOFARMA S.L., ES
[85] 2015-07-06
[86] 2014-01-23 (PCT/EP2014/051290)
[87] (WO2014/114695)
[30] ES (P201330082) 2013-01-24

[11] **2,898,521**
[13] C
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE ASSOCIES A UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SUN, CHEN, CN
[73] SONY CORPORATION, JP
[85] 2015-07-17
[86] 2013-12-26 (PCT/CN2013/090509)
[87] (WO2014/114163)
[30] CN (201310031299.2) 2013-01-28

[11] **2,899,075**
[13] C
[51] **Int.Cl. F24F 11/63 (2018.01) F24F 11/62 (2018.01) F24F 11/70 (2018.01) F24F 7/007 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING FRACTIONAL ON-TIME AND CYCLE TIME TO COMPENSATE FOR WEATHER EXTREMES AND MEET VENTILATION REQUIREMENTS**
[54] **MECANISME ET METHODE DE REGLAGE DE FRACTION DE CYCLE ACTIF ET CYCLE REPETITIF EN VUE DE COMPENSER DES CONDITIONS DE TEMPERATURE EXTREMES ET SATISFAIRE LES EXIGENCES DE VENTILATION**
[72] GREFSHEIM, SCOTT, US
[73] RESEARCH PRODUCTS CORPORATION, US
[86] (2899075)
[87] (2899075)
[22] 2015-07-30
[30] US (62/030,953) 2014-07-30

[11] **2,899,217**
[13] C
[51] **Int.Cl. B01J 31/14 (2006.01) B01J 31/18 (2006.01) C07F 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING A CRUDE PNPNH COMPOUND**
[54] **PROCEDE PERMETTANT DE PURIFIER UN COMPOSE PNPNH BRUT**
[72] ROSENTHAL, UWE, DE
[72] AL-QAHTANI, ABDULLAH MOHAMMED, SA
[72] AZAM, SHAHID MAJEED, SA
[72] MUELLER, BERND, DE
[72] PEULECKE, NORMEN, DE
[72] HARFF, MARCO, DE
[72] WOEHL, ANINA, DE
[72] MEISWINKEL, ANDREAS, DE
[72] BOELT, HEINZ, DE
[72] MUELLER, WOLFGANG, DE
[72] AL-HAZMI, MOHAMMED H., SA
[73] SAUDI BASIC INDUSTRIES CORPORATION, SA
[73] LINDE AG, DE
[85] 2015-07-23
[86] 2014-02-11 (PCT/IB2014/058919)
[87] (WO2014/122633)
[30] EP (13154794.5) 2013-02-11

[11] **2,900,340**
[13] C
[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BLOCKING EXCESSIVE TRANSMITTER MESSAGE SIGNALING**
[54] **SYSTEMES ET PROCEDES POUR BLOQUER UNE QUANTITE EXCESSIVE DE SIGNAUX DE TRANSMISSION DE MESSAGE D'UN EMETTEUR**
[72] YAVUZ, EMRE, SE
[72] WANSTEDT, STEFAN, SE
[72] WIEMANN, HENNING, DE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-08-05
[86] 2013-08-01 (PCT/IB2013/056331)
[87] (WO2014/020569)
[30] US (61/678,791) 2012-08-02
[30] US (13/896,801) 2013-05-17

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[13] C
[51] **Int.Cl. H02J 3/00 (2006.01) H02M 1/44 (2007.01) H02M 7/44 (2006.01) H02P 27/08 (2006.01)**
[25] EN
[54] **PARALLEL MODULAR CONVERTER ARCHITECTURE**
[54] **ARCHITECTURE DE CONVERTISSEUR MODULAIRE PARALLELE**
[72] WINSTANLEY, ADAM J., US
[72] SOLODOVNIK, EUGENE V., US
[72] KARIMI, KAMIAR J., US
[72] LIU, SHENGYI, US
[72] GAO, LIJUN, US
[72] KROLAK, MATTHEW J., US
[73] THE BOEING COMPANY, US
[86] (2900640)
[87] (2900640)
[22] 2015-08-14
[30] US (14/502,350) 2014-09-30

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[13] C
[51] **Int.Cl. E21B 4/00 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING DEVICE**
[54] **DISPOSITIF DE FORAGE DE FOND DE TROU**
[72] GORRARA, ANDREW, NO
[72] GRENASBERG, TORE, NO
[73] NABORS LUX 2 SARL, LU
[86] (2901788)
[87] (2901788)
[22] 2015-08-26
[30] NO (20141049) 2014-08-28

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[13] C
[51] **Int.Cl. A61B 5/0452 (2006.01) A61B 5/024 (2006.01) A61B 5/0245 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO DEFINE A ROTATIONAL SOURCE ASSOCIATED WITH A BIOLOGICAL RHYTHM DISORDER**
[54] **SYSTEME ET PROCEDE POUR DEFINIR UNE SOURCE DE ROTATION ASSOCIEE A UN TROUBLE DE RYTHME BIOLOGIQUE**
[72] MACNEIL, WILLIAM ROBERT, US
[72] SEHRA, RUCHIR, US
[73] TOPERA, INC., US
[85] 2015-09-10
[86] 2014-03-07 (PCT/US2014/021973)
[87] (WO2014/150042)
[30] US (13/840,354) 2013-03-15

[11] **2,905,020**
[13] C
[51] **Int.Cl. H01M 8/04537 (2016.01) H01M 8/04664 (2016.01)**
[25] EN
[54] **FUEL CELL INSPECTION METHOD AND MANUFACTURING METHOD**
[54] **METHODE D'INSPECTION DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION**
[72] USAMI, SHO, JP
[72] FUJIO, KORO, JP
[72] MAEDA, MASASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2905020)
[87] (2905020)
[22] 2015-09-18
[30] JP (2014-218182) 2014-10-27

[11] **2,906,596**
[13] C
[51] **Int.Cl. A61F 2/08 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SCAFFOLD FOR SPRING LIGAMENT REPAIR**
[54] **ECHAFAUDAGE POUR REPARATION DE LIGAMENT CALCANEO-SCAPHOIDIEN INFERIEUR**
[72] BERELSMAN, BRIAN K., US
[72] MYERSON, MARK S., US
[72] STONE, KEVIN T., US
[73] BIOMET SPORTS MEDICINE, LLC, US
[85] 2015-09-14
[86] 2014-03-13 (PCT/US2014/026413)
[87] (WO2014/151766)
[30] US (61/783,976) 2013-03-14
[30] US (14/095,639) 2013-12-03
[30] US (14/095,614) 2013-12-03

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[13] C
[51] **Int.Cl. F03B 13/26 (2006.01) F03B 13/12 (2006.01)**
[25] EN
[54] **MODULARIZED OCEAN ENERGY GENERATING DEVICE**
[54] **DISPOSITIF MODULAIRE DE PRODUCTION D'ELECTRICITE A ENERGIE MARINE**
[72] LIN, DONG, CN
[72] HUANG, CHANGZHENG, CN
[72] CHEN, ZHENGHAN, CN
[72] XU, QIANCHENG, CN
[73] HANGZHOU LHD INSTITUTE OF NEW ENERGY, LLC, CN
[85] 2015-09-25
[86] 2014-03-04 (PCT/CN2014/072874)
[87] (WO2014/154081)
[30] CN (201310095147.9) 2013-03-25
[30] CN (201310123839.X) 2013-04-11
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[30] CN (201310717965.8) 2013-12-23
[30] CN (201410005969.8) 2014-01-03

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[13] C
[51] **Int.Cl. G01B 11/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REAL-TIME IN-PROCESS MEASUREMENT OF COATING THICKNESS**
[54] **PROCEDE ET SYSTEME DE MESURE EN COURS DE PRODUCTION EN TEMPS REEL DE L'EPAISSEUR D'UN REVETEMENT**
[72] KOMARAGIRI, VIVEK, US
[72] FRISBY, GREG, US
[73] SENSORY ANALYTICS, US
[85] 2015-10-05
[86] 2014-03-14 (PCT/US2014/027980)
[87] (WO2014/143838)
[30] US (61/792,689) 2013-03-15

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[51] **Int.Cl. C01B 33/20 (2006.01) B01J 13/00 (2006.01) B01J 21/06 (2006.01) C02F 1/28 (2006.01)**
[25] EN
[54] **TITANIUM STANNATE SILICATE, METHOD OF PREPARATION AND USE THEREOF**
[54] **STANNOSILICATE DE TITANE, PROCEDE DE PREPARATION ET UTILISATION CORRESPONDANTE**
[72] BRANDTS, JIM ALOYSIUS MARIA, NL
[73] BASF CORPORATION, US
[85] 2015-10-09
[86] 2014-04-10 (PCT/IB2014/060621)
[87] (WO2014/167524)
[30] EP (13163288.7) 2013-04-11

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[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/14 (2006.01)**
[25] EN
[54] **PROTECTIVE HEADGEAR**
[54] **COUVRE-CHEF DE PROTECTION**
[72] BATY, DAVID, US
[73] BATY, DAVID, US
[85] 2015-10-16
[86] 2013-04-22 (PCT/US2013/037641)
[87] (WO2013/163106)
[30] US (61/637,930) 2012-04-25
[30] US (13/800,703) 2013-03-13

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[51] **Int.Cl. H01M 8/04029 (2016.01) H01M 8/04701 (2016.01) F16K 51/00 (2006.01)**
[25] EN
[54] **COOLING WATER FLOW CONTROL FOR FUEL CELL SYSTEM**
[54] **CONTROLE DU DEBIT D'EAU DE REFROIDISSEMENT DESTINE A UN SYSTEME DE PILE A COMBUSTIBLE**
[72] BONO, TETSUYA, JP
[72] YAMADA, TAKASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909844)
[87] (2909844)
[22] 2015-10-20
[30] JP (2014-229833) 2014-11-12

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[13] C
[51] **Int.Cl. A43B 7/08 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **BRAIDED UPPER WITH OVERLAYS FOR ARTICLE OF FOOTWEAR**
[54] **TIGE TRESSEE A SUPERPOSITIONS DESTINEE A UN ARTICLE DE CHAUSSURE**
[72] BRUCE, ROBERT M., US
[73] NIKE INNOVATE C.V., US
[85] 2015-10-23
[86] 2014-06-10 (PCT/US2014/041659)
[87] (WO2014/209594)
[30] US (61/839,097) 2013-06-25
[30] US (14/163,438) 2014-01-24

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[13] C
[51] **Int.Cl. A43B 7/08 (2006.01) A43B 5/00 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **ARTICLE OF FOOTWEAR WITH BRAIDED UPPER**
[54] **ARTICLE CHAUSSANT DOTE D'UNE EMPEIGNE TRESSEE**
[72] BRUCE, ROBERT M., US
[73] NIKE INNOVATE C.V., US
[85] 2015-10-23
[86] 2014-06-10 (PCT/US2014/041669)
[87] (WO2014/209596)
[30] US (61/839,097) 2013-06-25
[30] US (14/163,392) 2014-01-24

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[13] C
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **CODING OF AUDIO SCENES**
[54] **CODAGE DE SCENES AUDIO**
[72] PURNHAGEN, HEIKO, SE
[72] VILLEMOES, LARS, SE
[72] SAMUELSSON, LEIF JONAS, SE
[72] HIRVONEN, TONI, SE
[73] DOLBY INTERNATIONAL AB, NL
[85] 2015-10-28
[86] 2014-05-23 (PCT/EP2014/060727)
[87] (WO2014/187986)
[30] US (61/827,246) 2013-05-24

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[13] C
[51] **Int.Cl. F16K 15/02 (2006.01) F16K 15/00 (2006.01)**
[25] EN
[54] **CHECK VALVE AND RECEPTACLE STRUCTURE**
[54] **STRUCTURE DE CLAPET ANTIRETOUR ET RECEPTACLE**
[72] ONISHI, HIROFUMI, JP
[72] KONDO, MASAAKI, JP
[72] YAMASHITA, AKIRA, JP
[72] NISHIO, TAKUYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] NITTO KOHKI CO., LTD., JP
[86] (2910918)
[87] (2910918)
[22] 2015-10-30
[30] JP (2014-229862) 2014-11-12

[11] **2,911,367**
[13] C
[51] **Int.Cl. H01M 8/04746 (2016.01) H01M 8/04111 (2016.01) H01M 8/0438 (2016.01) H01M 8/04992 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING ROTATIONAL SPEED OF AIR COMPRESSOR**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE DE LA VITESSE DE ROTATION D'UN COMPRESSEUR A AIR**
[72] ODA, KOHEI, JP
[72] UMAYAHARA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911367)
[87] (2911367)
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[30] JP (2014-231880) 2014-11-14

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[54] **FUEL CELL SYSTEM AND METHOD OF CONTROLLING AIR PUMP**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE DE POMPE A AIR**
[72] KAKENO, YUJI, JP
[72] UMAYAHARA, KENJI, JP
[72] NADA, MITSUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911638)
[87] (2911638)
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[25] EN
[54] **SYSTEM AND METHOD FOR ENERGY SAVING IN A WIRELESS SYSTEM**
[54] **SYSTEME ET PROCEDE D'ECONOMIE D'ENERGIE DANS UN SYSTEME SANS FIL**
[72] SONG, YI, US
[72] CAI, ZHIJUN, US
[72] PURNADI, RENE WARAPUTRA, US
[72] BONTU, CHANDRA SEKHAR, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **METHODS AND APPARATUSES FOR SIGNALING IN DYNAMIC TIME DIVISION DUPLEX SYSTEMS**
[54] **PROCEDES ET APPAREILS POUR SIGNALISATION DANS DES SYSTEMES DUPLEX PAR REPARTITION DANS LE TEMPS DYNAMIQUE**
[72] ERIKSSON, ERIK, SE
[72] SONG, XINGHUA, CN
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-11-10
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[54] **PARTIAL UPGRADING SYSTEM AND METHOD FOR HEAVY HYDROCARBONS**
[54] **SYSTEME D'ACTUALISATION PARTIELLE ET PROCEDE DESTINE AUX HYDROCARBURES LOURDS**
[72] BERNAR, RODGER FRANCESCO, CA
[72] JIA, LEI, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
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[87] (2912768)
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[25] EN
[54] **SCREW FOR AVOIDING CRACKS AND BURRS**
[54] **VIS SERVANT A EVITER LES FENTES ET LES BAVURES**
[72] LIN, CHAO-WEI, TW
[73] KWANTEX RESEARCH INC., TW
[86] (2912846)
[87] (2912846)
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[25] EN
[54] **ESTIMATION OF OPTIMUM TRIPPING SCHEDULES**
[54] **ESTIMATION DE CALENDRIERS DE FORAGE OPTIMAUX**
[72] HOEINK, TOBIAS, US
[72] VAN DER ZEE, WOUTER, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-11-20
[86] 2014-05-22 (PCT/US2014/039069)
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[25] EN
[54] **AGENT FOR REMOVING STAINS AND DEPOSITS**
[54] **AGENT D'ENLEVEMENT DE TACHES ET DE DEPOTS**
[72] LEIPOLD, JOACHIM, DE
[72] JAESCHKE, EDGAR, DE
[72] SCHIRMER, ANTJE, DE
[73] BUCK SERVICE GMBH, DE
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[54] **POWER GENERATION INSPECTION METHOD OF FUEL CELL**
[54] **METHODE D'INSPECTION DE PRODUCTION D'ENERGIE DE PILE A COMBUSTIBLE**
[72] NORIMOTO, MICHITO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2914730)
[87] (2914730)
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[54] **AN INSECT TRAP**
[54] **PIEGE A INSECTES**
[72] WILLCOX, JOHN CADMAN, GB
[72] KAYE, MATHEW VARGHESE, GB
[73] BRANDENBURG (UK) LIMITED, GB
[86] (2914809)
[87] (2914809)
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[54] **ENFOUISSEMENT DE PIPELINES DANS DES REGIONS EN MER ET EN MER ARCTIQUE**
[72] ARSLAN, HAYDAR, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-12-09
[86] 2014-07-01 (PCT/US2014/045144)
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[25] EN
[54] **IN-SITU LOGGING TOOL CALIBRATION**
[54] **ETALONNAGE D'OUTILS DE DIAGRAPHIE SUR PLACE**
[72] DONDERICI, BURKAY, US
[73] HALLIBURTON ENERGY SERVICES INC., US
[85] 2015-12-10
[86] 2013-07-26 (PCT/US2013/052361)
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[54] **AUTOMATIC WATER SUPPLY SYSTEM FOR ANIMALS**
[54] **SYSTEME AUTOMATIQUE D'APPROVISIONNEMENT EN EAU POUR ANIMAUX**
[72] COLICA, ANTHONY L., US
[73] PEGASUS UNLIMITED, LLC, US
[86] (2915843)
[87] (2915843)
[22] 2015-12-18
[30] US (62/093,618) 2014-12-18
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[25] EN
[54] **CONTAINER WITH SYNTHETIC RESIN WINDOW, PREFORM AND PREFORM INJECTION MOLDING METHOD**
[54] **RECIPIENT DOTE D'UNE FENETRE EN RESINE SYNTHETIQUE, PREFORME ET PROCEDE DE MOULAGE DE PREFORME PAR INJECTION**
[72] HOSOKOSHIYAMA, HIROSHI, JP
[72] CHIBA, JUNICHI, JP
[72] ISO, SEIJI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[25] EN
[54] **BLOCK IDENTIFICATION USING DISPARITY VECTOR IN VIDEO CODING**
[54] **IDENTIFICATION DE BLOCS UTILISANT UN VECTEUR DE DISPARITE EN CODAGE VIDEO**
[72] ZHANG, LI, US
[72] CHEN, YING, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-12-18
[86] 2014-07-17 (PCT/US2014/047000)
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[30] US (61/847,522) 2013-07-17
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[25] EN
[54] **TREATMENT OF INFLAMMATORY LESIONS OF ROSACEA WITH IVERMECTIN**
[54] **TRAITEMENT DES LESIONS INFLAMMATOIRES CAUSEES PAR LA ROSACEE A L'IVERMECTINE**
[72] JACOVELLA, JEAN, FR
[72] CHAPPUIS, JEAN-PAUL, FR
[72] SORDELLO WAGNER, NATHALIE, FR
[72] KAOUKHOV, ALEXANDRE, US
[72] GRAEBER, MICHAEL, US
[72] SALIN, LAURENCE, FR
[72] PONCET, MICHEL, FR
[72] BRIANTAIS, PHILIPPE, FR
[72] BENKALI, KHALED, FR
[73] GALDERMA S.A., CH
[85] 2015-12-22
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[25] EN
[54] **SPINAL IMPLANT WITH POROUS AND SOLID SURFACES**
[54] **IMPLANT VERTEBRAL DOTE DE SURFACES POREUSES ET DE SURFACES SOLIDES**
[72] WILLIS, STEVEN, US
[72] ZIELINSKA, JUSTYNA, US
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2917549)
[87] (2917549)
[22] 2016-01-13
[30] US (62/103,276) 2015-01-14

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[13] C
[51] **Int.Cl. A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **A COMBINATION OF OXYCODONE AND NALOXONE FOR USE IN TREATING PAIN IN PATIENTS SUFFERING FROM PAIN AND A DISEASE RESULTING IN INTESTINAL DYSBIOSIS AND/OR INCREASING THE RISK FOR INTESTINAL BACTERIAL TRANSLOCATION**
[54] **COMBINAISON D'OXYCODONE ET DE NALOXONE POUR UTILISATION DANS LE TRAITEMENT DE LA DOULEUR CHEZ DES PATIENTS SOUFFRANT DE DOULEUR ET D'UNE MALADIE ENTRAINANT UNE DYSBIOSE INTESTINALE ET/OU L'AUGMENTATION DU RISQUE DE TRANSLOCATION BACTERIENNE INTESTINALE**
[72] VON COBURG, YVONNE, DE
[72] REIMER, KAREN, DE
[72] OKSCHE, ALEXANDER, DE
[72] HOLZER, PETER, AT
[73] EURO-CELTIQUE S.A., LU
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[87] (WO2015/011189)
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[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **INDEX FOR ELECTRONIC STRING OF SYMBOLS**
[54] **INDEX POUR CHAINE ELECTRONIQUE DE SYMBOLES**
[72] SANKAR, SRIRAM, US
[73] FACEBOOK, INC., US
[85] 2016-01-21
[86] 2014-07-24 (PCT/US2014/047928)
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[30] US (13/952,474) 2013-07-26

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[25] EN
[54] **SURGICAL NAVIGATION SYSTEM FOR GUIDING AN ACCESS MEMBER**
[54] **SYSTEME DE NAVIGATION CHIRURGICALE SERVANT A GUIDER UN ELEMENT D'ACCES**
[72] PATWARDHAN, RAVISH V., US
[73] INTERACTIVE NEUROSCIENCE CENTER, LLC, US
[86] (2920553)
[87] (2920553)
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[25] EN
[54] **MIGRATING DATA FOR WEB CONTENT MANAGEMENT SYSTEMS**
[54] **MIGRATION DE DONNEES POUR DES SYSTEMES DE GESTION DE CONTENU WEB**
[72] BURNE, CHRISTIAN, US
[72] NITTALA, PRASANTH, US
[73] OSHYN, INC., US
[85] 2016-02-05
[86] 2014-08-07 (PCT/US2014/050235)
[87] (WO2015/021331)
[30] US (61/863,886) 2013-08-08

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[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/03 (2006.01) C09K 8/62 (2006.01)**
[25] EN
[54] **AQUEOUS DOWNHOLE FLUIDS HAVING CHARGED NANO-PARTICLES AND POLYMERS**
[54] **FLUIDES AQUEUX DE FOND COMPORTANT DES NANOPARTICULES ET DES POLYMERES CHARGES**
[72] DEBORD, SAET B., US
[72] TANIFUM, CHRISTABEL, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-09
[86] 2014-08-21 (PCT/US2014/052135)
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[51] **Int.Cl. G03G 5/04 (2006.01)**
[25] EN
[54] **IMAGING MEMBERS COMPRISING CAPPED STRUCTURED ORGANIC FILM COMPOSITIONS**
[54] **IMAGERIE D'ELEMENTS COMPORTANT DES COMPOSITIONS DE PELLICULE ORGANIQUE STRUCTUREE FERMEE**
[72] COTE, ADRIEN P., CA
[72] MCGUIRE, GREGORY, CA
[72] KLENKLER, RICHARD A., US
[73] XEROX CORPORATION, US
[86] (2922100)
[87] (2922100)
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[51] **Int.Cl. H01M 2/16 (2006.01) H01M 4/13 (2010.01) H01M 10/052 (2010.01)**
[25] EN
[54] **A PROTECTIVE FILM, AND A SEPARATOR AND A SECONDARY BATTERY USING THE SAME**
[54] **UNE PELLICULE PROTECTRICE, ET UN SEPARATEUR ET UNE PILE SECONDAIRE UTILISANT LADITE PELLICULE PROTECTRICE**
[72] KOBAYASHI, KOTARO, JP
[73] W. L. GORE & ASSOCIATES, CO., LTD., JP
[85] 2016-02-29
[86] 2014-09-01 (PCT/JP2014/072898)
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[25] EN
[54] **PROCESS FOR PREPARING GABAPENTIN**
[54] **PROCEDE DE PREPARATION DE GABAPENTINE**
[72] VERZINI, MASSIMO, IT
[72] COTARCA, LIVIUS, IT
[72] BELLUZZO, FABIO, IT
[72] SORIATO, GIORGIO, IT
[72] URBANI, DANIELE, IT
[72] PACE, ENRICO, IT
[73] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT
[85] 2016-03-21
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[25] EN
[54] **METHOD OF DEVELOPMENT OF A DEPOSIT OF HIGH-VISCOSITY OIL OR BITUMEN**
[54] **METHODE D'ELABORATION D'UN DEPOT DE PETROLE A VISCOSITE ELEVEE OU DE BITUME**
[72] IBATULLIN, RAVIL RUSTAMOVICH, CA
[73] TAL OIL LTD., CA
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[87] (2926346)
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[54] **DISPOSITIF DE RECUPERATION DE LIQUIDE DE DEGIVRAGE**
[72] BOULANGER, GUY CHARLES, CA
[72] AL TAWEEL, ADEL, CA
[73] INLAND TECHNOLOGIES HOLDINGS INC., CA
[86] (2930999)
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[54] **CAP CUTTING MACHINE**
[54] **MACHINE DE COUPE DE CAPUCHON**
[72] SAIN, MARINO, IT
[73] BORTOLIN KEMO S.P.A., IT
[86] (2931643)
[87] (2931643)
[22] 2016-05-25
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[54] **ANASTOMOTIC CONNECTORS**
[54] **RACCORDS ANASTOMOTIQUES**
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] GOEPFRICH, JAMES L., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[30] US (61/912,702) 2013-12-06
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[13] C
[51] **Int.Cl. B25H 3/00 (2006.01) B25H 3/04 (2006.01) B25B 13/06 (2006.01)**
[25] EN
[54] **SOCKET HOLDING FRAME**
[54] **CADRE DE SUPPORT DE DOUILLE**
[72] KAO, JUI-CHIEN, TW
[73] KAO, JUI-CHIEN, CN
[86] (2933253)
[87] (2933253)
[22] 2016-06-15

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[51] **Int.Cl. G01M 17/00 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **MONITORING OF HIGH-LIFT SYSTEMS FOR AIRCRAFT**
[54] **SURVEILLANCE DE SYSTEMES HYPERSUSTENTATEURS POUR AVIONS**
[72] MOY, GEORGE, US
[72] PADILLA, PETER A., US
[73] THE BOEING COMPANY, US
[86] (2933328)
[87] (2933328)
[22] 2014-02-05
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[51] **Int.Cl. E21B 7/24 (2006.01) E21B 4/14 (2006.01)**
[25] EN
[54] **VARIABLE VALVE AXIAL OSCILLATION TOOL**
[54] **OUTIL D'OSCILLATION AXIALE A SOUPAPE VARIABLE**
[72] HAY, CHARLES RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES INC., US
[85] 2016-06-10
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[25] EN
[54] **CABLE COMPRESSION DIE ASSEMBLY FOR CRIMP CONNECTIONS**
[54] **ENSEMBLE DE POINCON DE COMPRESSION DE CABLE SERVANT AUX CONNEXIONS SERTIES**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2933670)
[87] (2933670)
[22] 2016-06-21
[30] US (62/189,514) 2015-07-07

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[25] EN
[54] **COMPOSITIONS OF OMEGA 3 FATTY ACIDS TO TREAT DISEASES WHICH INVOLVE DAMAGE TO THE NERVOUS SYSTEM**
[54] **COMPOSITIONS D'ACIDES GRAS OMEGA 3 POUR TRAITER DES MALADIES QUI IMPLIQUENT UNE LESION DU SYSTEME NERVEUX**
[72] GEORGIOU, TASSOS, CY
[73] GEORGIOU, TASSOS, CY
[85] 2016-06-20
[86] 2013-12-19 (PCT/EP2013/077356)
[87] (WO2015/090394)

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[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/50 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **TRANSPORTATION AND DELIVERY OF SET-DELAYED CEMENT COMPOSITIONS**
[54] **TRANSPORT ET DISTRIBUTION DE COMPOSITIONS DE CIMENT A DURCISSEMENT RETARDE**
[72] BALLEW, HORTON COLBY, US
[72] MORGAN, RONNIE GLEN, US
[72] BROWN, PAUL ALAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-20
[86] 2014-03-31 (PCT/US2014/032395)
[87] (WO2015/152881)

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[13] C
[51] **Int.Cl. A01C 21/00 (2006.01)**
[25] EN
[54] **MULTIPLE SEED-TYPE PLANTING SYSTEM WITH CHARGING SYSTEM**
[54] **SYSTEME DE PLANTATION DE PLUSIEURS TYPES DE GRAINES MUNI D'UN SYSTEME DE CHARGEMENT**
[72] WENDTE, KEITH W., US
[72] ADAMS, BRIAN T., US
[72] PRICKEL, MARVIN A., US
[72] ANDERSON, BRIAN J., US
[72] JOHNSON, CHAD M., US
[72] CZAPKA, JASON T., US
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[54] **CODAGE DE PALETTE BIDIMENSIONNEL POUR CODER UN CONTENU D'ECRAN**
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[72] XIU, XIAOYU, US
[72] YE, YAN, US
[72] HE, YUWEN, US
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[54] **COMPTEURS DE DOSES POUR INHALATEURS, INHALATEURS ET TIGES ASSOCIEES**
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[72] DEREK, FENLON, IE
[72] WALSH, DECLAN, IE
[72] KAAR, SIMON, IE
[72] HAZENBERG, JAN GEERT, IE
[72] BUCK, DAN, IE
[72] CLANCY, PAUL, US
[72] USCHOLD, ROBERT CHARLES, US
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[54] **TRANSPORTEUR BANDE SUR BANDE**
[72] BREWKA, CHRISTOF, US
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[72] KASPER, R. STEVEN, US
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[54] **SYSTEMES ET PROCEDES POUR DES SOINS A DES ORGANES EX VIVO ET POUR L'UTILISATION DE LACTATE COMME INDICATION DE STATUT D'ORGANE DONNEUR**
[72] HASSANEIN, WALEED, US
[72] KHAYAL, TAMER, US
[72] ELBETANONY, AHMED, US
[72] LEZBERG, PAUL, US
[72] CECERE, GIOVANNI, US
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[54] **SYSTEMS AND METHODS FOR PACKAGING ARTICLES AND ASSOCIATED PAPERWORK**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EMBALLER DES ARTICLES ET DES DOCUMENTS ASSOCIES**
[72] HEYDOLPH, THOMAS, DE
[72] RUFFER, BJORN, DE
[73] RITE-HITE HOLDING CORPORATION, US
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[54] **PROCEDE DE PRODUCTION DE MATERIAU COMPOSITE THERMORESISTANT ET DISPOSITIF DE PRODUCTION**
[72] NAKAMURA, TAKESHI, JP
[72] HOTOZUKA, KOZUE, JP
[72] FUKUSHIMA, YASUYUKI, JP
[72] SHIMOGAKI, YUKIHIRO, JP
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[73] CABOT CORPORATON, US
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[54] **TETE POUR UN INSTRUMENT DE SOIN BUCCAL**
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[72] TSCHOL, ARMIN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **AGENTS ANTI-ENCRASSEMENT POUR UNE UTILISATION DANS DES FLUIDES HYDROCARBONES**
[72] OVASKAINEN, OSSI V., FI
[72] RESPINI, MARCO, IT
[73] BAKER HUGHES INCORPORATED, US
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[54] **RETENUE DE BUSE POUR SYSTEME DE COLLECTEUR**
[72] OVERFIELD, SARAH KATHLEEN, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[54] **MODULE DE RECUPERATION DE CO2 ET METHODE DE RECUPERATION DE CO2**
[72] YUKUMOTO, ATSUHIRO, JP
[72] HIRATA, TAKUYA, JP
[72] TANAKA, HIROSHI, JP
[72] HAGIMOTO, AKIYORI, JP
[72] HIRAYAMA, HARUAKI, JP
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[54] **SYSTEME DE SURVEILLANCE ET DE CONTROLE DE JOINT**
[72] SHAMSELDIN, ELHANAFI, US
[72] DELRAHIM, JOE, US
[72] HOSKING, PAUL, US
[72] SAVIO, JOSEPH L., US
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[72] ARIYOSHI, HARUKI, JP
[72] YASUDA, YOUICHIROU, JP
[73] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
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[54] **SIGNAL PROCESSING METHOD AND APPARATUS**
[54] **METHODE DE TRAITEMENT DE SIGNAL ET APPAREIL**
[72] ZHOU, XUAN, CN
[72] MIAO, LEI, CN
[72] LIU, ZEXIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SATURATION-ENHANCED, LOW-CONCENTRATION VAPORIZED HYDROGEN PEROXIDE DECONTAMINATION METHOD**
[54] **PROCEDE DE DECONTAMINATION AU PEROXYDE D'HYDROGENE VAPORISE A SATURATION AMELIOREE ET FAIBLE CONCENTRATION**
[72] WIGET, PAUL A., US
[72] MEILANDER, TIMOTHY W., US
[72] MCVEY, IAIN, US
[73] STERIS INC., US
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[72] PEDERSEN, MORTEN V., CA
[73] M V PEDERSEN ENGINEERING INC., CA
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[54] **SYSTEMES DE PORTE BASCULANTE ARTICULEE ET METHODES**
[72] MORRIS, RICHARD P., CA
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[72] WILLIAMS, HOWARD J., US
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[54] **APPAREIL ET METHODE DE GENERATION D'UN SIGNAL DE MASQUAGE D'ERREUR EMPLOYANT LE REMPLACEMENT INDIVIDUEL DE REPRESENTATION LPC D'INFORMATION DE LIVRE DE CODES INDIVIDUEL**
[72] SCHNABEL, MICHAEL, DE
[72] LECOMTE, JEREMIE, DE
[72] SPERSCHNEIDER, RALPH, DE
[72] JANDER, MANUEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **SELLE DE RAIL FORGEE A CHAUD DESTINEE A UN CHEMIN DE FER**
[72] YOUNG, PATRICK, US
[72] GU, ZHENG, US
[73] YANGTZE RAILROAD MATERIALS, US
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[72] FRANGEARD, DIDIER, ES
[73] AMVALOR, FR
[73] ADVANCED ENGINEERING & INNOVATION, ES
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[54] **CORPS D'AFFICHAGE ET PROCEDE D'OBSERVATION DE CORPS D'AFFICHAGE**
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[72] NAGANO, AKIRA, JP
[73] TOPPAN PRINTING CO., LTD., JP
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[54] **FIBRE DE POLYMERE A DISPERSIBILITE AMELIOREE**
[72] DAHRINGER, JORG, DE
[72] KLANERT, MICHAEL, DE
[72] HESSE, THOMAS, DE
[73] TREVIRA GMBH, DE
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[73] COMAU LLC, US
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[54] **CUVE INTERNE D'ACTIONNEUR DE MACHINE DE SOINS INFIRMIERS, ET MACHINE DE SOINS INFIRMIERS**
[72] LU, WEIDONG, CN
[72] SANG, SHUHUA, CN
[72] YUAN, FENGQIANG, CN
[72] SONG, QIANG, CN
[72] LI, ZHOUEN, CN
[73] SUZHOU ALTON ELECTRICAL & MECHANICAL INDUSTRY CO., LTD., CN
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[54] **ENSEMBLE DE CARENAGE DE CADRE CENTRAL DE TURBINE**
[72] PARRY, DAVID WALTER, US
[72] GLYNN, CHRISTOPHER CHARLES, US
[72] SCHILLING, JOHN CREIGHTON, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
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[54] **PROCEDE POUR INCORPORER DES FIBRES NATURELLES HUMIDES ET DE L'AMIDON DANS DES THERMOPLASTIQUES**
[72] YUAN, ZHIRUN, CA
[72] PALEOLOGOU, MICHAEL, CA
[72] MENG, QINGKAI, CA
[72] MAO, CHANGBIN, CA
[72] FANG, YUNLI, US
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[54] **SYSTEME D'APLANISSEMENT DU BETON ASSURANT UNE RETROACTION/UN CONTROLE CONCERNANT LA QUALITE DU SOL**
[72] KANGAS, MATTHEW A., US
[73] SOMERO ENTERPRISES, INC., US
[85] 2016-10-06
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[54] **PALIER LATERAL DESTINE A UN WAGON-BOGIE**
[72] WIKE, PAUL, US
[72] HARRIS, ZACHARY, US
[73] AMSTED RAIL COMPANY, INC., US
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[54] **SYSTEME DE COLLECTE ET D'EVACUATION DE DECHETS MEDICAUX FLUIDES**
[72] MARTINI, ANTHONY, US
[72] GUERRA, LAWRENCE E., US
[73] DORNOCH MEDICAL SYSTEMS, INC., US
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[54] **MACHINE DE SOIN INTEGREE CENTRALE**
[72] LU, WEIDONG, CN
[72] SANG, SHUHUA, CN
[72] SONG, QIANG, CN
[73] SUZHOU ALTON ELECTRICAL, MECHANICAL INDUSTRY CO., LTD., CN
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[54] **ROBOT HUMANOIDE OMNIDIRECTIONNEL A ROUES, UTILISANT UNE POSITION ISSUE D'UNE PREDICTION LINEAIRE ET UN CONTROLEUR DE VITESSE**
[72] LAFAYE, JORY, FR
[72] COLLETTE, CYRILLE, FR
[72] WIEBER, PIERRE-BRICE, FR
[73] SOFTBANK ROBOTICS EUROPE, FR
[73] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
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[51] **Int.Cl. C22F 1/10 (2006.01) B22F 3/02 (2006.01) B22F 3/24 (2006.01) B22F 5/04 (2006.01) C22C 19/05 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F04D 29/38 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING NI ALLOY PART**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSANT D'ALLIAGE DE NI**
[72] TSUNO, NOBUYASU, JP
[72] IKEDA, SHUJI, JP
[73] IHI CORPORATION, JP
[85] 2016-10-20
[86] 2015-07-13 (PCT/JP2015/069981)
[87] (WO2016/013433)
[30] JP (2014-149611) 2014-07-23

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[11] **2,946,548**
[13] C
[51] **Int.Cl. C22C 38/18 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **RAIL AND PRODUCTION METHOD THEREFOR**
[54] **RAIL ET SON PROCEDE DE FABRICATION**
[72] UEDA, MASAHARU, JP
[72] MIYAZAKI, TERUHISA, JP
[72] TANAHASHI, TAKUYA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-20
[86] 2015-05-29 (PCT/JP2015/065621)
[87] (WO2015/182759)
[30] JP (2014-111735) 2014-05-29

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[11] **2,947,289**
[13] C
[51] **Int.Cl. B01D 27/04 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **COALESCING FILTER ELEMENT**
[54] **ELEMENT DE FILTRE COALESCENT**
[72] STAMEY, WILLIE L., JR., US
[72] ROLL, MARK A., US
[72] RHYNE, GREGORY K., US
[73] MANN+HUMMEL FILTRATION TECHNOLOGY US LLC, US
[86] (2947289)
[87] (2947289)
[22] 2016-11-02
[30] US (14/931,473) 2015-11-03

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[11] **2,947,296**
[13] C
[51] **Int.Cl. B65D 71/58 (2006.01)**
[25] EN
[54] **BASKET STYLE CARRIER WITH DIVIDER FLAP**
[54] **SUPPORT DE STYLE PANIER COMPORTANT UN VOLET DIVISEUR**
[72] HOLLEY, JOHN MURDICK, JR., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2016-10-27
[86] 2015-05-08 (PCT/US2015/029826)
[87] (WO2015/171982)
[30] US (61/996,512) 2014-05-09

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[11] **2,947,710**
[13] C
[51] **Int.Cl. B44F 1/00 (2006.01) A47G 33/00 (2006.01) F21V 33/00 (2006.01) H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHT ANIMATED OBJECTS**
[54] **OBJETS ANIMES LEGERS**
[72] LIEN, TIMOTHY JAY, US
[72] PENROD, JASON BLAKE, US
[72] EIKOS, STEVE, US
[72] WERTANEN, ROBERT D., US
[72] MAN, MA LAP, CN
[72] LINDQUIST, WESLEY D., US
[72] WALBERG, KARI JEAN, US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2947710)
[87] (2947710)
[22] 2013-06-28
[62] 2,819,860
[30] US (61/666,500) 2012-06-29
[30] US (61/799,300) 2013-03-03
[30] US (13/928,518) 2013-06-27

[11] **2,947,759**
[13] C
[51] **Int.Cl. B65B 3/04 (2006.01) B65B 3/00 (2006.01) B65B 39/00 (2006.01)**
[25] EN
[54] **SELF CLOSING AND OPENING FILLING NEEDLE, NEEDLE HOLDER, FILLER AND METHOD**
[54] **AIGUILLE DE REMPLISSAGE A FERMETURE ET OUVERTURE AUTOMATIQUES, PORTE-AIGUILLE, CHARGE ET PROCEDE**
[72] PY, DANIEL, US
[73] DR. PY INSTITUTE LLC, US
[85] 2016-11-01
[86] 2015-05-09 (PCT/US2015/030044)
[87] (WO2015/175356)
[30] US (61/991,467) 2014-05-10
[30] US (61/991,561) 2014-05-11

[11] **2,947,833**
[13] C
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **BROADCAST SIGNAL TRANSMITTING/RECEIVING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'EMISSION/RECEPTION DE SIGNAUX DE DIFFUSION**
[72] LEE, JANGWON, KR
[72] OH, SEJIN, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-11-02
[86] 2015-05-21 (PCT/KR2015/005085)
[87] (WO2015/178690)
[30] US (62/001,613) 2014-05-21

[11] **2,948,282**
[13] C
[51] **Int.Cl. E21B 33/038 (2006.01) E21B 33/08 (2006.01)**
[25] EN
[54] **POSITIVE RETRACTION LATCH LOCKING DOG FOR A ROTATING CONTROL DEVICE**
[54] **LEVIER DE DEBRAYAGE DE VERROU A RETRACTION POSITIVE DESTINE A UN DISPOSITIF DE COMMANDE ROTATIF**
[72] RIOS, ARISTEO, III, US
[72] CHAMBERS, JAMES W., US
[72] BAILEY, THOMAS F., US
[72] WAGONER, DANNY W., US
[72] HARRALL, SIMON J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2948282)
[87] (2948282)
[22] 2011-07-15
[62] 2,805,630
[30] US (61/365,288) 2010-07-16

[11] **2,949,126**
[13] C
[51] **Int.Cl. B23K 26/352 (2014.01) B23K 26/362 (2014.01) B23K 26/402 (2014.01) B23K 26/36 (2014.01)**
[25] EN
[54] **LASER-LEACHED POLYCRYSTALLINE DIAMOND AND LASER-LEACHING METHODS AND DEVICES**
[54] **DIAMANT POLYCRISTALLIN LIXIVIE AU LASER ET PROCEDES ET DISPOSITIFS DE LIXIVIATION AU LASER**
[72] LIANG, QI, US
[72] ATKINS, WILLIAM BRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-14
[86] 2015-06-17 (PCT/US2015/036163)
[87] (WO2015/195754)
[30] US (62/015,219) 2014-06-20

[11] **2,949,650**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE STEAM INJECTION TOOL**
[54] **OUTILS D'INJECTION DE VAPEUR REGLABLE**
[72] MCCHESNEY, RYAN WESLEY, US
[72] WRIGHT, AUSTIN LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-18
[86] 2014-09-18 (PCT/US2014/056294)
[87] (WO2016/043747)

[11] **2,949,874**
[13] C
[51] **Int.Cl. B64D 11/00 (2006.01) A47B 46/00 (2006.01) E05C 1/12 (2006.01)**
[25] EN
[54] **PIVOT BIN ASSEMBLY**
[54] **ENSEMBLE CASIER A PIVOT**
[72] SAVIAN, SCOTT, US
[73] C&D ZODIAC, INC., US
[85] 2016-11-21
[86] 2015-07-10 (PCT/US2015/040038)
[87] (WO2016/007915)
[30] US (62/022,801) 2014-07-10
[30] US (14/622,377) 2015-02-13

[11] **2,950,095**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **ACCUMULATOR COUNTERBALANCED THREE-CHAMBER CYLINDER FOR ARTIFICIAL LIFT OPERATIONS**
[54] **CYLINDRE A TROIS CHAMBRE A CONTREPOIDS POUR ACCUMULATEUR POUR DES OPERATIONS DE LEVAGE ARTIFICIEL**
[72] TAO, TAO, US
[72] MCEACHERN, MATHEW J., US
[72] CHEN, HUAJUN, US
[72] LI, YANMEI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-23
[86] 2014-07-08 (PCT/US2014/045667)
[87] (WO2016/007131)

[11] **2,950,697**
[13] C
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 8/06 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **PUBLIC SAFETY NETWORK RELAY SERVICE MANAGEMENT**
[54] **GESTION DE SERVICE DE RELAIS DE RESEAU DE SECURITE PUBLIQUE**
[72] HIBEN, BRADLEY M., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-11-29
[86] 2015-05-04 (PCT/US2015/029017)
[87] (WO2015/183475)
[30] US (14/290,596) 2014-05-29

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[11] **2,951,382**
[13] C
[51] **Int.Cl. G01R 15/24 (2006.01) G01R 19/00 (2006.01) G01R 29/12 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL SURFACE POTENTIAL DISTRIBUTION MEASUREMENT APPARATUS**
[54] **APPAREIL DE MESURE DE DISTRIBUTION POTENTIELLE DE SURFACE TRIDIMENSIONNELLE**
[72] FURUKAWA, MASAAKI, JP
[72] USHIWATA, KODAI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] TSUBOI, YUICHI, JP
[72] HIDAKA, KUNIHIKO, JP
[72] KUMADA, AKIKO, JP
[72] IKEDA, HISATOSHI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2016-12-06
[86] 2014-06-06 (PCT/JP2014/003053)
[87] (WO2015/186160)

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[13] C
[51] **Int.Cl. F16K 11/074 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **A VALVE SEAT RING AND A MULTI-WAY VALVE HAVING VALVE SEAT RING**
[54] **UNE BAGUE DE SIEGE DE ROBINET ET UN ROBINET A PLUSIEURS VOIES COMPORTANT LA BAGUE DE SIEGE DE ROBINET**
[72] WAN, MINGMIN, CN
[72] YAO, JIANSHE, CN
[72] GAO, ZHI, CN
[72] CHEN, YUNZHAO, CN
[72] ZHU, LIYUN, CN
[73] KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD., CN
[85] 2016-12-08
[86] 2014-08-21 (PCT/CN2014/084929)
[87] (WO2015/188452)
[30] CN (201410256679.0) 2014-06-10

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[11] **2,951,791**
[13] C
[51] **Int.Cl. C23C 2/28 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **METHOD FOR COOLING STEEL STRIP AND COOLING APPARATUS**
[54] **PROCEDE DE REFROIDISSEMENT ET DISPOSITIF DE REFROIDISSEMENT POUR FEUILLARD D'ACIER**
[72] NISHIZAWA, KOICHI, JP
[72] MINEHARA, HIROSHI, JP
[72] MORI, YASUHIRO, JP
[72] SUGIYAMA, SEIJI, JP
[72] MATSUMOTO, MASAFUMI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-12-09
[86] 2015-02-23 (PCT/JP2015/055012)
[87] (WO2016/013240)
[30] JP (2014-150932) 2014-07-24

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[11] **2,951,875**
[13] C
[51] **Int.Cl. H04N 7/01 (2006.01) H04N 7/015 (2006.01) H04N 7/08 (2006.01)**
[25] EN
[54] **BROADCAST SIGNAL TRANSMITTING APPARATUS, BROADCAST SIGNAL RECEIVING APPARATUS, BROADCAST SIGNAL TRANSMITTING METHOD, AND BROADCAST SIGNAL RECEIVING METHOD**
[54] **APPAREIL D'EMISSION DE SIGNAL DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAL DE DIFFUSION, PROCEDE D'EMISSION DE SIGNAL DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAL DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KO, WOOSUK, KR
[72] BACK, SEOYOUNG, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-12-09
[86] 2015-04-21 (PCT/KR2015/003981)
[87] (WO2015/190695)
[30] US (62/010,436) 2014-06-10

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[11] **2,952,090**
[13] C
[51] **Int.Cl. B21C 23/12 (2006.01) B21D 11/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING OPEN OR CLOSED ANNULAR STRUCTURAL COMPONENTS MADE OF LIGHT METAL AND ALLOYS THEREOF**
[54] **PROCEDE ET SYSTEME POUR PRODUIRE DES COMPOSANTS STRUCTURAUX ANNULAIRES OUVERTS OU FERMES CONSTITUES D'UN METAL LEGER ET D'ALLIAGES DE CELUI-CI**
[72] LINDNER, KARL-HEINZ, DE
[72] JAGER, ANDREAS, DE
[73] BRUHNKE, ULRICH, DE
[85] 2016-12-13
[86] 2015-05-19 (PCT/DE2015/000250)
[87] (WO2015/188801)
[30] DE (10 2014 008 646.1) 2014-06-13

[11] **2,952,491**
[13] C
[51] **Int.Cl. B64D 35/00 (2006.01) F16H 57/025 (2012.01) B64D 27/26 (2006.01)**
[25] EN
[54] **A MOUNTING ARRANGEMENT FOR MOUNTING A GEAR BOX OF A ROTORCRAFT TO A FUSELAGE OF A ROTORCRAFT**
[54] **UN DISPOSITIF D'INSTALLATION SERVANT A INSTALLER UNE BOITE D'ENGRENAGES D'UN GIRAVION AU FUSELAGE D'UN GIRAVION**
[72] STEGER, JUSTUS, DE
[72] WEHLE, CHRISTIAN, DE
[72] GUNN, HENRY, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2952491)
[87] (2952491)
[22] 2016-12-20

[11] **2,953,899**
[13] C
[51] **Int.Cl. A22C 21/00 (2006.01) B26D 3/00 (2006.01)**
[25] EN
[54] **INCISION MAKING APPARATUS AND INCISION MAKING METHOD**
[54] **DISPOSITIF D'INCISION D'EPAULE ET PROCEDE D'INCISION D'EPAULE**
[72] INOUE, NORIYUKI, JP
[72] HANE, SHINJI, JP
[72] OKA, KENICHI, JP
[72] TAKANASHI, KOJI, JP
[72] TOYODA, NAOKI, JP
[72] SAKURAYAMA, HIROYUKI, JP
[72] TAKAHASHI, NORIYUKI, JP
[73] MAYEKAWA MFG. CO., LTD., JP
[85] 2016-12-29
[86] 2015-06-25 (PCT/JP2015/068361)
[87] (WO2016/002631)
[30] JP (2014-134088) 2014-06-30

[11] **2,954,039**
[13] C
[51] **Int.Cl. A22C 21/00 (2006.01) B26D 3/00 (2006.01) B26D 7/02 (2006.01)**
[25] EN
[54] **POULTRY TENDERLOIN EXTRACTION APPARATUS**
[54] **DISPOSITIF D'EXTRACTION DE FILET DE POULET**
[72] INOUE, NORIYUKI, JP
[72] HANE, SHINJI, JP
[72] OKA, KENICHI, JP
[72] TAKANASHI, KOJI, JP
[72] TOYODA, NAOKI, JP
[72] SAKURAYAMA, HIROYUKI, JP
[72] TAKAHASHI, NORIYUKI, JP
[73] MAYEKAWA MFG. CO., LTD., JP
[85] 2016-12-30
[86] 2015-06-25 (PCT/JP2015/068358)
[87] (WO2016/002628)
[30] JP (2014-134086) 2014-06-30
[30] JP (2014-134087) 2014-06-30
[30] JP (2014-134088) 2014-06-30

[11] **2,954,789**
[13] C
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 34/06 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **REVERSE CEMENTATION OF LINER STRING FOR FORMATION STIMULATION**
[54] **CIMENTATION INVERSE DE RAME DE COLONNE PERDUE POUR STIMULATION D'UNE FORMATION**
[72] WARD, DAMIAN LEONARD, CA
[72] ORITA, JEFFREY LANCE, CA
[72] BIEDERMANN, RANDAL BRENT, CA
[72] HARRALL, SIMON J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-01-10
[86] 2015-07-09 (PCT/US2015/039753)
[87] (WO2016/014253)
[30] US (62/028,592) 2014-07-24

[11] **2,955,886**
[13] C
[51] **Int.Cl. B60D 1/48 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **HITCH FOR CONNECTING AN IMPLEMENT TO A VEHICLE**
[54] **ATTELAGE SERVANT A RELIER UN ACCESSOIRE A UN VEHICULE**
[72] GOULET, DENIS, CA
[72] LAMONTAGNE, LOUIS, CA
[73] RAD TECHNOLOGIES INC, CA
[86] (2955886)
[87] (2955886)
[22] 2017-01-24
[30] US (62/288,578) 2016-01-29

[11] **2,955,926**
[13] C
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 47/11 (2012.01) C09K 8/56 (2006.01) E21B 43/04 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COMPOSITE COMPRISING WELL TREATMENT AGENT AND/OR A TRACER ADHERED ONTO A CALCINED SUBSTRATE OF A METAL OXIDE COATED CORE AND A METHOD OF USING THE SAME**
[54] **COMPOSITE COMPORTANT UN AGENT DE TRAITEMENT DE PUITS ET/OU UN TRACEUR COLLES SUR UN SUBSTRAT CALCINE CONSTITUE D'UN NOYAU REVETU D'OXYDE METALLIQUE ET SON PROCEDE D'UTILISATION**
[72] GUPTA, D.V. SATYANARAYANA, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2017-01-20
[86] 2015-07-15 (PCT/US2015/040519)
[87] (WO2016/014310)
[30] US (62/028,151) 2014-07-23

[11] **2,956,029**
[13] C
[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/303 (2006.01) E06B 9/386 (2006.01)**
[25] EN
[54] **WINDOW BLIND**
[54] **STORE DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[73] NIEN MADE ENTERPRISE CO., LTD., CN
[86] (2956029)
[87] (2956029)
[22] 2017-01-25
[30] CN (201620093383.6) 2016-01-29
[30] US (62/318,771) 2016-04-06
[30] US (US 62/326, 020) 2016-04-22

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[13] C
[51] **Int.Cl. D06F 37/00 (2006.01) D06F 37/18 (2006.01) D06F 37/28 (2006.01) D06F 37/42 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS WITH DRAWER DOOR GUIDE IN CABINET**
[54] **APPAREIL DE TRAITEMENT DE LESSIVE DOTE D'UNE GLISSIERE DE PORTE DE TIROIR INTEGREE A L'ARMOIRE**
[72] LEE, JIHONG, KR
[72] LEE, BYUNGJIN, KR
[72] JANG, HOSUNG, KR
[72] CHOI, YEONGKYEONG, KR
[72] SANG, MINKYU, KR
[73] LG ELECTRONICS INC., KR
[85] 2017-02-03
[86] 2016-06-30 (PCT/KR2016/007026)
[87] (WO2017/003214)
[30] KR (10-2015-0092776) 2015-06-30

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[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) B01L 3/00 (2006.01) B81B 3/00 (2006.01)**
[25] EN
[54] **LATERAL-FLOW ASSAY DEVICE WITH FILTRATION FLOW CONTROL**
[54] **DISPOSITIF DE DOSAGE A ECOULEMENT LATERAL AVEC COMMANDE D'ECOULEMENT DE FILTRATION**
[72] SCALICE, EDWARD R., US
[72] DING, ZHONG, US
[72] HOSIMER, PHILIP C., US
[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[85] 2017-02-08
[86] 2015-08-05 (PCT/US2015/043769)
[87] (WO2016/022655)
[30] US (62/034,830) 2014-08-08
[30] US (14/817,946) 2015-08-04

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[11] **2,957,796**
[13] C
[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **TISSUE POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE TISSU**
[72] MORRIS, STEPHEN, US
[72] WEISEL, THOMAS, US
[72] PISARNWONGS, ROGER, US
[73] MICROAIRE SURGICAL INSTRUMENTS LLC, US
[86] (2957796)
[87] (2957796)
[22] 2008-08-13
[62] 2,695,240
[30] US (60/964703) 2007-08-13

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[13] C
[51] **Int.Cl. F16B 37/04 (2006.01) B64C 1/00 (2006.01) B64C 5/10 (2006.01) F16L 3/227 (2006.01)**
[25] EN
[54] **SELF-INDEXING NUT PLATE**
[54] **PLAQUE-ECROU A POSITIONNEMENT AUTOMATIQUE**
[72] JAMES, LOWELL S., US
[72] BICKFORD, JEFFRY G., US
[73] THE BOEING COMPANY, US
[86] (2959870)
[87] (2959870)
[22] 2012-12-20
[62] 2,856,442
[30] US (13/357,275) 2012-01-24
[30] US (13/621,257) 2012-09-16

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[11] **2,961,640**
[13] C
[51] **Int.Cl. B65C 9/42 (2006.01) A61B 90/94 (2016.01) B65C 3/08 (2006.01) B65C 3/16 (2006.01) B65C 9/46 (2006.01)**
[25] EN
[54] **TENSIONING CONTROL DEVICE**
[54] **DISPOSITIF DE CONTROLE DE LA MISE SOUS TENSION**
[72] GISLER, SCOTT WILLIAM, US
[72] MCNEILL, PHILIP C., US
[72] VERMA, KAUSHAL, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2017-03-16
[86] 2015-10-08 (PCT/US2015/054630)
[87] (WO2016/057756)
[30] US (62/062,279) 2014-10-10

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[11] **2,961,952**
[13] C
[25] EN
[54] **IDENTIFYING TEMPORAL DEMAND FOR AUTOCOMPLETE SEARCH RESULTS**
[54] **IDENTIFICATION D'UNE DEMANDE TEMPORELLE RELATIVE A DES RESULTATS DE RECHERCHE A SAISIE SEMI-AUTOMATIQUE**
[72] MISHRA, SHRISH, US
[73] EBAY INC., US
[85] 2017-03-20
[86] 2015-09-29 (PCT/US2015/052862)
[87] (WO2016/053990)
[30] US (62/057,548) 2014-09-30

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[54] **PURIFICATION DE CHLOROSILANES PAR DISTILLATION ET ADSORPTION**
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[72] PAETZOLD, UWE, DE
[72] PROCHASKA, JAN, DE
[73] WACKER CHEMIE AG, DE
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[54] **SYSTEME ET DISPOSITIF DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[73] NIEN MADE ENTERPRISE CO., LTD, CN
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[54] **BUSE DE CANAL CHAUFFE COMPORTANT UN EGALISEUR DE PRESSION DE GRILLE**
[72] JENKO, EDWARD JOSEPH, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[54] **METHODS AND SYSTEMS FOR ALLOCATING RESOURCES FROM COMPONENT CARRIERS TO A PUBLIC-SAFETY MOBILE RADIO**
[54] **PROCEDES ET SYSTEMES POUR ATTRIBUER DES RESSOURCES DE PORTEUSES COMPOSANTES A UNE RADIO MOBILE DE SECURITE PUBLIQUE**
[72] MILLER, TRENT J., US
[72] DERANGO, MARIO F., US
[72] HELM, DAVID P., US
[72] SCRIBANO, GINO A., US
[72] STEINBERG, PAUL D., US
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[25] EN
[54] **ENGINEERING VEHICLE HAVING BALLAST UNLOADING DEVICE AND BALLAST LEVELING DEVICE**
[54] **VEHICULE DE CONSTRUCTION A DISPOSITIF DE DECHARGEMENT DE BALLAST ET A DISPOSITIF DE NIVELLEMENT DE BALLAST**
[72] CHEN, WEI, CN
[72] LIN, LIANGCAI, CN
[72] TANG, CHUQIANG, CN
[72] WANG, BAOLEI, CN
[72] LIU, JUNXIANG, CN
[72] YIN, XUEFENG, CN
[72] LEI, QINGPING, CN
[72] CHEN, RUI, CN
[72] SHI, FENG, CN
[72] SUI, WEI, CN
[72] MEI, KUN, CN
[72] ZHANG, NAN, CN
[72] HE, YAN, CN
[72] HE, LUYAO, CN
[73] CRRC YANGTZE CO., LTD., CN
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[54] **SIDE WALL STRUCTURE OF OPEN WAGON**
[54] **STRUCTURE DE PAROI LATERALE DE WAGON OUVERT**
[72] WU, HUIPING, CN
[72] HU, YAOMING, CN
[72] ZHAO, HUARUI, CN
[72] HE, YAN, CN
[72] LIN, LIANGCAI, CN
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[54] **ELECTROMAGNETIC WAVE RESISTIVITY TOOL WITH TILTED ANTENNA**
[54] **OUTIL DE MESURE DE RESISTIVITE AU MOYEN D'ONDES ELECTROMAGNETIQUES, MUNI D'UNE ANTENNE INCLINEE**
[72] BITTAR, MICHAEL S., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ELECTRONIC DRAIN CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE DE DRAIN ELECTRONIQUE**
[72] BRADDOCK, CHARLES KERWIN, US
[72] DEBAUGH, THOMAS STUART, US
[73] MAAX BATH INC., CA
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[72] REESE, GEORGE D., US
[73] PRESTIGE AMERITECH, LTD., US
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[54] **DISPOSITIF DE RETENUE D'EMBRAYAGE DE MOTOCYCLETTE**
[72] ELWELL, JAMES P., US
[72] OTT, DAVID, US
[72] OTT, DIANE, US
[72] QUICK, TRENT, US
[72] WAGNER, JOHN, US
[72] ADAIR, PAUL THOMAS, US
[73] OTT, DAVID, US
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[54] **PROCESSES AND SYSTEMS FOR GENERATING STEAM FROM PRODUCED WATER**
[54] **PROCEDES ET SYSTEMES DE GENERATION DE VAPEUR A PARTIR D'EAU PRODUITE**
[72] ADAMS, STEWART A. H., CA
[72] SUN, SUSAN WEI, CA
[72] LEVESQUE, JEAN-PHILIPPE, CA
[73] CENOVUS ENERGY INC., CA
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[54] **METHOD FOR CONTINUOUSLY CASTING SLAB**
[54] **PROCEDE DE COULEE CONTINUE POUR BRAME**
[72] MURAKAMI, TOSHIHIKO, JP
[72] YOTSUHASHI, HIROYUKI, JP
[72] TAKAYA, SHIN, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CONTINUOUS-CAST SLAB, METHOD AND APPARATUS OF MANUFACTURING THE SAME, AND METHOD AND APPARATUS OF MANUFACTURING THICK STEEL PLATE**
[54] **PIECE COULEE EN CONTINU, SON PROCEDE ET DISPOSITIF DE FABRICATION, PROCEDE DE FABRICATION ET DISPOSITIF DE FABRICATION POUR PLAQUE D'ACIER EPAISSE**
[72] MIZOGUCHI, TOSHIAKI, JP
[72] UCHIYAMA, HIROAKI, JP
[72] SAKURAI, HIDEAKI, JP
[72] TAKATA, RYOUSUKE, JP
[72] NAGAI, SHINJI, JP
[72] IMAI, SHUNTARO, JP
[72] SAKAI, DAISUKE, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **LATENT HEAT STORAGE USING RENEWABLE PHASE CHANGE MATERIALS**
[54] **STOCKAGE DE CHALEUR LATENTE UTILISANT DES MATERIAUX A CHANGEMENT DE PHASE RENOUVELABLES**
[72] FLOROS, MICHAEL C., CA
[72] NARINE, SURESH S., CA
[73] TRENT UNIVERSITY, CA
[85] 2017-07-18
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[54] **COLLAPSIBLE ALL-TERRAIN COT OR TENT APPARATUS**
[54] **APPAREILLAGE DE TENTE OU DE LIT TOUT-TERRAIN ECRASABLE**
[72] HANSON, ALFRED, US
[73] HANSON, ALFRED, US
[85] 2017-08-15
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[54] **MEASUREMENT PROCEDURE UNDER ADAPTIVE FREQUENCY SEPARATION**
[54] **PROCEDURE DE MESURAGE SOUS SEPARATION DE FREQUENCE ADAPTATIVE**
[72] KAZMI, MUHAMMAD, SE
[72] BERGMAN, JOHAN, SE
[72] BOUDREAU, GARY, CA
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **CIRCUIT BREAKER CONTACT ARM**
[54] **BRAS DE CONTACT DE DISJONCTEUR**
[72] RETZLAFF, SCOTT G., US
[73] ABB SCHWEIZ AG, CH
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[54] **SHIELD MEMBER AND JET ENGINE USING THE SAME**
[54] **ELEMENT DE BLINDAGE ET MOTEUR A REACTION L'UTILISANT**
[72] WATANABE, FUMIAKI, JP
[72] OHBO, AKANE, JP
[72] YAGI, HIROYUKI, JP
[72] OGAWA, TOMOTAKE, JP
[72] TAKEMOTO, TSUYOSHI, JP
[73] IHI CORPORATION, JP
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[54] **AXIAL SPRINGS FOR ROTOR HUB ASSEMBLY**
[54] **RESSORTS AXIAUX DESTINES A UN ASSEMBLAGE DE MOYEU DE ROTOR**
[72] HAMPTON, DALTON T., US
[72] PARHAM, THOMAS CLEMENT, JR., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2981223)
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[54] **POMPE CARDIAQUE EQUIPEE D'UNE TURBINE A PALES INTERNES**
[72] HADDADI, MOHAMMAD, FR
[72] GARRIGUE, STEPHANE, FR
[72] MASCARELL, ARNAUD, FR
[73] FINEHEART, FR
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[54] **VEHICULE VERTICAL A DEUX ROUES**
[72] LEPAGE, JEREMIE, CA
[73] LEPAGE, JEREMIE, CA
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[25] EN
[54] **PRESSED COMPONENT MANUFACTURING METHOD, PRESSED COMPONENT, MOLD, AND PRESS APPARATUS**
[54] **PROCEDE PERMETTANT DE PRODUIRE UN PRODUIT MOULE A LA PRESSE, PRODUIT MOULE A LA PRESSE, MATRICE ET DISPOSITIF DE PRESSAGE**
[72] KUBO, MASAHIRO, JP
[72] YOSHIDA, HIROSHI, JP
[72] MIYAGI, TAKASHI, JP
[72] SUZUKI, TOSHIYA, JP
[72] NAKAZAWA, YOSHIAKI, JP
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[25] EN
[54] **VARIABLE COMPRESSION RATIO MECHANISM FOR INTERNAL COMBUSTION ENGINE**
[54] **MECANISME A TAUX DE COMPRESSION VARIABLE POUR MOTEUR A COMBUSTION INTERNE**
[72] HIYOSHI, RYOSUKE, JP
[72] TANAKA, YOSHIAKI, JP
[72] KIYOSAWA, YOSHIHIDE, JP
[72] HANDA, JUN, JP
[72] NAGAI, KISHIRO, JP
[72] ONIGATA, JUNICHIRO, JP
[72] YAMADA, YOSHIHIKO, JP
[73] HITACHI AUTOMOTIVE SYSTEMS, LTD., JP
[73] NISSAN MOTOR CO., LTD., JP
[73] HARMONIC DRIVE SYSTEMS INC., JP
[85] 2017-11-29
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[54] **BLOC DE CONSTRUCTION**
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[73] DEVITO, CIRO, CA
[85] 2017-12-07
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[25] EN
[54] **BIOCIDAL METAL PARTICLES, AND METHODS FOR PRODUCTION THEREOF**
[54] **NANOPARTICULES METALLIQUES BIOCIDES ET LEURS PROCEDES DE PRODUCTION**
[72] PORTMAN, THOMAS, CA
[73] AEREUS TECHNOLOGIES INC., CA
[85] 2017-12-12
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[25] EN
[54] **HIGHLY CONCENTRATED PHOSPHORIC OR THIOPHOSPHORIC TRIAMIDE FORMULATION**
[54] **FORMULATION HAUTEMENT CONCENTREE DE TRIAMIDE PHOSPHORIQUE OU THIOPHOSPHORIQUE**
[72] BOBECK, DREW, US
[72] OWUSU-ADOM, KWAME, US
[73] KOCH AGRONOMIC SERVICES, LLC, US
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[54] **RECONSTRUCTION DE SIGNAUX AUDIO AU MOYEN DE PLUSIEURS TECHNIQUES DE DECORRELATION**
[72] DAVIS, MARK FRANKLIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (2992065)
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[22] 2005-02-28
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[25] EN
[54] **SURVEILLANCE CAMERA, SYSTEM HAVING A SURVEILLANCE CAMERA AND METHOD FOR OPERATING A SURVEILLANCE CAMERA**
[54] **CAMERA DE SURVEILLANCE, SYSTEME COMPRENANT UNE CAMERA DE SURVEILLANCE ET PROCEDE POUR FAIRE FONCTIONNER UNE CAMERA DE SURVEILLANCE**
[72] GLOCK, CHRISTIAN, DE
[73] INNOGY SE, DE
[85] 2018-01-19
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[87] (WO2017/012916)
[30] DE (10 2015 111 728.2) 2015-07-20

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[25] EN
[54] **SELF-POSITION ESTIMATION DEVICE AND SELF-POSITION ESTIMATION METHOD**
[54] **DISPOSITIF D'EVALUATION DE POSITION D'HOTE ET PROCEDE D'EVALUATION DE POSITION D'HOTE**
[72] UEDA, HIROTOSHI, JP
[72] YAMAGUCHI, ICHIRO, JP
[72] TSUCHIYA, CHIKAO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-23
[86] 2015-07-24 (PCT/JP2015/003728)
[87] (WO2017/017705)

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[54] **CONE CRUSHER**
[54] **BROYEUR A CONES**
[72] MCCLOSKEY, JAMES PASCHAL, CA
[72] KROL, ANDRZEJ, CA
[72] DUELLMAN, DENNIS, CA
[73] MCCLOSKEY INTERNATIONAL LTD., CA
[86] (3002077)
[87] (3002077)
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[25] EN
[54] **SYSTEM FOR, AND METHOD OF, ACCURATELY AND RAPIDLY DETERMINING, IN REAL-TIME, TRUE BEARINGS OF RADIO FREQUENCY IDENTIFICATION (RFID) TAGS ASSOCIATED WITH ITEMS IN A CONTROLLED AREA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER RAPIDEMENT, AVEC PRECISION ET EN TEMPS REEL, DES RELEVEMENTS VRAIS D'ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) ASSOCIEES ADES ELEMENTS DANS UNE ZONE CONTROLEE**
[72] KOCH, MICHAEL J., US
[72] SWOPE, CHARLES B., US
[72] BEKRITSKY, BENJAMIN J., US
[73] SYMBOL TECHNOLOGIES, LLC, US
[85] 2018-04-17
[86] 2016-10-11 (PCT/US2016/056333)
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[30] US (14/886,604) 2015-10-19

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[25] EN
[54] **RELAY GATEWAY FOR WIRELESS RELAY SIGNALING IN A DATA COMMUNICATION NETWORK**
[54] **PASSERELLE RELAIS POUR SIGNALISATION DE RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-07-16
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[25] EN
[54] **LATCH FOR WINCH LINE HOOK**
[54] **LOQUET DE CROCHET DE LIGNE DE TREUIL**
[72] GAGNON, ANTOINE P., CA
[71] GAGNON, ANTOINE P., CA
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[51] **Int.Cl. B05C 17/02 (2006.01)**
[25] EN
[54] **PAINT ROLLER FRAME**
[54] **SUPPORT DE ROULEAU A PEINTURE**
[72] ARVINTE, ROMEO, CA
[72] PANFILI, FRANCOIS, CA
[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA
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[51] **Int.Cl. B60D 1/44 (2006.01) B60D 1/24 (2006.01)**
[25] EN
[54] **MOVABLE TOW BAR ASSEMBLY**
[54] **ASSEMBLAGE DE BARRE DE REMORQUAGE MOBILE**
[72] TIAINEN, RICHARD, AU
[71] TIAINEN PROJECTS PTY LTD., AU
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[51] **Int.Cl. E04H 17/26 (2006.01) E04H 17/20 (2006.01) E04H 17/22 (2006.01)**
[25] EN
[54] **ADJUSTABLE SADDLE FOR ERECTION OF A FENCING**
[54] **SELLE AJUSTABLE DESTINEE A L'ERECTION D'UNE CLOTURE**
[72] MATTHEWS, WILLIAM ALBERT PAUL, CA
[71] MODU-LOC FENCE RENTALS LP, CA
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[51] **Int.Cl. A01M 1/22 (2006.01) A01M 1/00 (2006.01)**
[25] EN
[54] **MOSQUITO ATTRACTING DEVICE AND SYSTEM USING THE SAME**
[54] **DISPOSITIF D'ATTRACTION DES MOUSTIQUES ET SYSTEME EMPLOYANT LEDIT DISPOSITIF**
[72] SMITH, MARK, CA
[72] VASUDEVA, KAILASH, CA
[71] MAXTECH MOSQUITO CONTROL INC., CA
[22] 2017-05-10
[41] 2018-11-10

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[51] **Int.Cl. A47J 36/00 (2006.01) A47J 27/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR COOLING A PRESSURE COOKER LID**
[54] **APPAREIL DE REFROIDISSEMENT D'UN COUVERCLE D'AUTOCUISEUR**
[72] WANG, JIWEI R., CA
[72] QIN, YI, CA
[72] WANG, DONGJUN, CA
[71] DOUBLE INSIGHT INC., CA
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[51] **Int.Cl. G04B 19/22 (2006.01)**
[25] EN
[54] **ALL TIME ZONE DISPLAY FOR CLOCK OR WATCH**
[54] **AFFICHAGE DE TOUS LES FUSEAUX HORAIRES SUR UNE HORLOGE OU UNE MONTRE**
[72] LEWIS, ROBERT S., CA
[71] LEWIS, ROBERT S., CA
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[51] **Int.Cl. A47C 7/74 (2006.01) A47C 7/02 (2006.01) A47C 27/00 (2006.01)**
[25] EN
[54] **FURNITURE WITH A HEATED SEAT**
[54] **MEUBLE EQUIPE D'UN SIEGE CHAUFFANT**
[72] WARNER, MARK E., CA
[71] DODEKA MANUFACTURING LIMITED, CA
[22] 2017-05-10
[41] 2018-11-10

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[51] **Int.Cl. A01D 65/00 (2006.01)**
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[54] **CROP LIFTER**
[54] **APPAREIL DE LEVAGE DE RECOLTE**
[72] NEWTON, DONALD J., CA
[71] NEWTON, DONALD J., CA
[22] 2017-05-04
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[51] **Int.Cl. B60K 1/00 (2006.01) B60K 6/26 (2007.10) B60K 6/485 (2007.10) B60K 7/00 (2006.01)**
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[54] **E-WHEEL**
[54] **E-ROUE**
[72] METHOT, SYLVIO, CA
[71] METHOT, SYLVIO, CA
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[51] **Int.Cl. A45D 31/00 (2006.01)**
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[54] **LIGHTED FAKE FINGERNAIL TIPS**
[54] **POINTES DE FAUX ONGLES ECLAIREES**
[72] KILLIPS, CHRISTOPHER G., CA
[71] KILLIPS, CHRISTOPHER G., CA
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[51] **Int.Cl. B60R 13/10 (2006.01)**
[25] EN
[54] **PLIABLE, ADHESIVE-BACKED, STICK-ON LICENSE PLATES**
[54] **PLAQUES D'IMMATRICULATION PLIANTES, A ENDOS ADHESIF ET COLLABLES**
[72] DHILLON, AMERJIT, CA
[71] DHILLON, AMERJIT, CA
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[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] EN
[54] **HOCKEY STICK**
[54] **BATON DE HOCKEY**
[72] CORMIER, JACQUES, CA
[71] CORMIER, JACQUES, CA
[22] 2017-05-10
[41] 2018-11-10

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[51] **Int.Cl. F24H 9/20 (2006.01) E03C 1/044 (2006.01) G08B 1/00 (2006.01) G08B 21/00 (2006.01)**
[25] EN
[54] **AUTOMATIC HOT WATER PULSATING ALARM FOR WATER HEATERS**
[54] **ALERTE AUTOMATIQUE PULSEE D'EAU CHAUDE DESTINEE AUX CHAUFFE-EAU**
[72] LESAGE, JEAN-CLAUDE, CA
[71] MICLAU-S.R.I. INC., CA
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[51] **Int.Cl. E04B 2/74 (2006.01)**
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[54] **ANTI-FLOAT SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES ANTI-FLOTTAISON**
[72] BEELER, MICHAEL W., US
[72] JOHNSON, MARK A., US
[72] JONES, BRADLEY A., US
[72] GOLDSMITH, THOMAS L., US
[71] MODERNFOLD, INC., US
[22] 2017-05-10
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[30] US (15/588,385) 2017-05-05

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[51] **Int.Cl. E02D 3/00 (2006.01) E02D 5/24 (2006.01)**
[25] EN
[54] **GROUND REINFORCING DEVICE**
[54] **APPAREIL DE RENFORCEMENT DU SOL**
[72] JULLIENNE, DOMINIQUE, FR
[71] SOLETANCHE FREYSSINET, FR
[22] 2017-05-10
[41] 2018-11-10

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[13] A1
[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] FR
[54] **DEVICE PLACED IN THE HANDLE OF A HOCKEY STICK**
[54] **DISPOSITIF PLACE DANS UN MANCHE DE BATON DE HOCKEY**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
[22] 2017-05-10
[41] 2018-11-10

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[13] A1
[51] **Int.Cl. E04G 1/15 (2006.01) E01D 15/12 (2006.01) E01D 19/12 (2006.01) E02B 17/00 (2006.01) E04G 5/08 (2006.01)**
[25] EN
[54] **MODULAR PLATFORM DECK FOR TRAFFIC**
[54] **LIT DE PLATEFORME MODULAIRE DESTINE A LA CIRCULATION**
[72] SZEKELY, KENNETH, CA
[71] ASTRA CAPITAL INCORPORATED, CA
[22] 2017-05-24
[41] 2018-11-09
[30] US (62/503574) 2017-05-09

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[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] FR
[54] **DEVICE INSERTED IN THE HANDLE OF A HOCKEY STICK**
[54] **DISPOSITIF INSERE DANS UN MANCHE DE BATON DE HOCKEY**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
[22] 2017-05-10
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[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/60 (2016.01)**
[25] EN
[54] **LIGHT BRIGHTNESS AND COLOR TEMPERATURE CONTROL UNIT**
[54] **MODULE DE CONTROLE DE LA TEMPERATURE DE LA COULEUR ET DE LUMINOSITE DE L'ECLAIRAGE**
[72] WEISS, GREGORY, US
[72] SOLOMON, BILL, US
[71] AFX INC., US
[22] 2017-06-27
[41] 2018-11-05
[30] US (15/587,453) 2017-05-05

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[21] **2,972,062**
[13] A1
[51] **Int.Cl. B65D 21/08 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER BAGS**
[54] **SACS DE CONTENANT FLEXIBLES**
[72] ETIZ, ERHAN, CA
[72] SAYIN, SUKRU CENK, CA
[71] ELEMENT INTERNATIONAL TRADE INC., CA
[22] 2017-06-29
[41] 2018-11-05
[30] US (62/501,889) 2017-05-05

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[51] **Int.Cl. B65B 13/18 (2006.01) B60P 7/08 (2006.01) B65B 13/22 (2006.01)**
[25] EN
[54] **LOAD BINDER WITH ENCLOSED RATCHET MECHANISM AND REMOVABLE HANDLE**
[54] **TENDEUR A CHAINE DOTE D'UN MECANISME A ROCHET ENFERME ET D'UNE POIGNEE AMOVIBLE**
[72] CHAO, JAMES CHUAN, US
[71] CHAO, JAMES CHUAN, US
[22] 2017-07-14
[41] 2018-11-08
[30] US (15/589,848) 2017-05-08

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[51] **Int.Cl. G06F 17/27 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MACHINE LEARNING AUTO COMPLETION OF FIELDS**
[54] **AUTO REMPLISSAGE DE CHAMPS PAR APPRENTISSAGE MACHINE**
[72] JAYARAMAN, BASKAR, US
[71] SERVICENOW, INC., US
[22] 2017-09-29
[41] 2018-11-04
[30] US (15/674,353) 2017-08-10
[30] US (62/501,646) 2017-05-04
[30] US (62/501,657) 2017-05-04
[30] US (62/502,244) 2017-05-05
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[30] US (62/502,308) 2017-05-05
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[25] EN
[54] **FLOW ENGINE FOR BUILDING AUTOMATED FLOWS WITHIN A CLOUD BASED DEVELOPMENTAL PLATFORM**
[54] **MOTEUR DE FLUX DE DONNEES SERVANT AUX FLUX DE DONNEES A L'INTERIEUR D'UNE PLATEFORME DE DEVELOPPEMENT NUAGIQUE**
[72] TUCKER, CHRISTOPHER, US
[72] NELSON, HARRY THOMAS, US
[72] SARBORA, RUSSELL SAMUEL, US
[71] SERVICENOW, INC., US
[22] 2017-09-29
[41] 2018-11-04
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[51] **Int.Cl. G06Q 50/16 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **REAL-ESTATE TRANSACTION MANAGEMENT PLATFORM**
[54] **PLATEFORME DE GESTION DE TRANSACTION IMMOBILIERE**
[72] HEATHERLY, JASON, US
[72] HEATHERLY, CASEY, US
[71] HEATHERLY, JASON, US
[71] HEATHERLY, CASEY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR BLUEPRINT-BASED CLOUD MANAGEMENT**
[54] **SYSTEMES ET METHODE DE GESTION NUAGIQUE FONDEE SUR UN DOCUMENT PROVISOIRE**
[72] PADMANABH, GIRI, US
[72] GOYAL, BRAJESH, US
[72] THAKRAR, UTPAL, US
[72] MADHAVAN, ASHOK, US
[71] SERVICENOW, INC., US
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[41] 2018-11-05
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[25] EN
[54] **SYSTEMS AND METHODS FOR ANOMALY DETECTION**
[54] **SYSTEMES ET METHODES DE DETECTION D'UNE ANOMALIE**
[72] CROTINGER, JAMES, US
[72] TUCKER, SCOTT, US
[72] POLINATI, CHINNA BABU, US
[71] SERVICENOW, INC., US
[22] 2017-12-28
[41] 2018-11-05
[30] US (15/587,871) 2017-05-05

[21] **2,990,270**
[13] A1
[25] EN
[54] **SHARED MACHINE LEARNING**
[54] **APPRENTISSAGE MACHINE PARTAGE**
[72] BENDRE, NIKHIL, US
[72] ROS, FERNANDO, US
[72] GOVINDARAJAN, KANNAN, US
[72] JAYARAMAN, BASKAR, US
[72] THAKUR, ANIRUDDHA, US
[72] PALAPUDI, SRIRAM, US
[72] KARAKUSOGLU, FIRAT, US
[71] SERVICENOW, INC., US
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[30] US (62/517,719) 2017-06-09
[30] US (62/502,440) 2017-05-05
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[13] A1
[51] **Int.Cl. G06F 11/34 (2006.01) G06F 8/61 (2018.01)**
[25] EN
[54] **SOFTWARE ASSET MANAGEMENT**
[54] **GESTION D'ACTIF LOGICIEL**
[72] BORTHAKUR, APOLAK, US
[72] SRIVASTAVA, MANISH, US
[72] XIA, YU, US
[71] SERVICENOW, INC., US
[22] 2017-12-29
[41] 2018-11-05
[30] US (15/588,126) 2017-05-05

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **UNIFIED DEVICE AND SERVICE DISCOVERY ACROSS MULTIPLE NETWORK TYPES**
[54] **DISPOSITIF UNIFIE ET DECOUVERTE DE SERVICE SUR PLUSIEURS TYPES DE RESEAU**
[72] GRISCO, GREGORY, US
[72] FRANCIS, STEVE, US
[72] BYLAHALLI, SHRIDAR, US
[71] SERVICENOW, INC., US
[22] 2017-12-29
[41] 2018-11-05
[30] US (15/654,930) 2017-07-20
[30] IN (201711015994) 2017-05-05

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[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRIC LOCK AND CLUTCH MECHANISM THEREOF**
[54] **VERROU ELECTRIQUE ET MECANISME D'EMBRAYAGE ASSOCIE**
[72] HUANG, LIEN-HSI, TW
[72] LEE, WEN-CHIEH, TW
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
[22] 2018-01-16
[41] 2018-11-04
[30] TW (106114725) 2017-05-04

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[51] **Int.Cl. E21B 33/068 (2006.01) E21B 34/02 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **BALL INSERTION DEVICE WITH A BALL STORAGE AND DELIVERY MECHANISM FOR USE IN OIL AND GAS WELLS**
[54] **DISPOSITIF D'INSERTION DE BALLE DANS UN ENTREPOSAGE DE BALLE ET MECANISME DE LIVRAISON DESTINE A UNE UTILISATION DANS LES PUITS DE PETROLE ET DE GAZ**
[72] WEINER, ARTHUR, US
[72] SAINI, SAHIL, US
[72] PECK, JAMES, US
[72] PILLAI, RAJEEV, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2018-01-17
[41] 2018-11-10
[30] US (15/591,455) 2017-05-10

[21] **2,995,807**
[13] A1
[51] **Int.Cl. B60B 3/00 (2006.01) B60C 7/24 (2006.01)**
[25] EN
[54] **WHEEL**
[54] **ROUE**
[72] SHABOT, JACOB, IL
[72] EVRON, NIR, IL
[72] FAIBISH, ABRAHAM, IL
[71] THE STANLEY WORKS ISRAEL LTD., IL
[22] 2018-02-21
[41] 2018-11-10
[30] US (15/591500) 2017-05-10

[21] **2,995,959**
[13] A1
[51] **Int.Cl. H02G 11/00 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONNECTING COMPONENTS**
[54] **APPAREIL DE RACCORDEMENT DE COMPOSANTES**
[72] GALETTI, RALPH, US
[72] LAZZARO, ANTHONY, US
[71] THE BOEING COMPANY, US
[22] 2018-02-20
[41] 2018-11-10
[30] US (15/591,916) 2017-05-10

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[13] A1
[51] **Int.Cl. A47C 7/62 (2006.01) B60N 2/80 (2018.01) B60N 2/879 (2018.01) B62D 63/04 (2006.01) B64D 11/06 (2006.01) E05C 19/00 (2006.01)**
[25] EN
[54] **LOW-PROFILE LATCH INTERFACE FOR HEADREST STORAGE COMPARTMENT**
[54] **INTERFACE DE VERROU A PROFIL BAS DESTINE A UN COMPARTIMENT DE RANGEMENT DE CASQUE D'ECOUTE**
[72] PORTER, RYAN, US
[72] MARUTZKY, KYLER, US
[71] AMI INDUSTRIES, INC., US
[22] 2018-02-27
[41] 2018-11-04
[30] US (15/586,533) 2017-05-04

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[13] A1
[51] **Int.Cl. B25B 23/00 (2006.01) B25B 13/06 (2006.01) B25B 21/02 (2006.01)**
[25] EN
[54] **INERTIAL SOCKET ADAPTOR FOR TORQUE APPLICATION TOOLS**
[54] **ADAPTATEUR DE DOUILLE INERTIEL DESTINE AUX OUTILS D'APPLICATION DE COUPLE**
[72] RETTLER, JIM T., US
[71] SNAP-ON INCORPORATED, US
[22] 2018-03-07
[41] 2018-11-09
[30] US (15/590,558) 2017-05-09

[21] **2,997,820**
[13] A1
[51] **Int.Cl. G08B 21/24 (2006.01) H04W 84/20 (2009.01) G08C 17/02 (2006.01)**
[25] EN
[54] **LUGGAGE ANTI-LOST WIRELESS SECURITY CARD STRUCTURE**
[54] **STRUCTURE DE CARTE DE SECURITE SANS FIL ANTI-PERTE DE BAGAGE**
[72] LEE, CHING-YIN, TW
[71] TOP CARD ENTERPRISE CO., LTD., TW
[22] 2018-03-08
[41] 2018-11-04
[30] TW (106206238) 2017-05-04

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[13] A1
[51] **Int.Cl. G01M 1/38 (2006.01) F16F 15/32 (2006.01)**
[25] EN
[54] **TURBINE ASSEMBLY WITH AUXILIARY WHEEL**
[54] **ASSEMBLAGE DE TURBINE A ROUE AUXILIAIRE**
[72] SNYDER, BRANDON R., US
[72] WHITTEN, MICHAEL R., US
[72] SELLHORN, JAMES E., US
[72] RIEHLE, BRADFORD JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-03-16
[41] 2018-11-04
[30] US (15/587,310) 2017-05-04
[30] US (15/587,314) 2017-05-04
[30] US (15/587,318) 2017-05-04
[30] US (15/587,319) 2017-05-04
[30] US (15/587,322) 2017-05-04

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[13] A1
[51] **Int.Cl. G01P 3/64 (2006.01) F02C 9/28 (2006.01) G01P 3/66 (2006.01)**
[25] EN
[54] **TURBINE ASSEMBLY WITH AUXILIARY WHEEL**
[54] **ASSEMBLAGE DE TURBINE A ROUE AUXILIAIRE**
[72] SNYDER, BRANDON R., US
[72] WHITTEN, MICHAEL R., US
[72] SELLHORN, JAMES E., US
[72] RIEHLE, BRADFORD JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-03-16
[41] 2018-11-04
[30] US (15/587,310) 2017-05-04
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[30] US (15/587,322) 2017-05-04
[30] US (15/587,318) 2017-05-04

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[13] A1
[51] **Int.Cl. F01D 5/02 (2006.01) F01D 21/14 (2006.01)**
[25] EN
[54] **TURBINE ASSEMBLY WITH AUXILIARY WHEEL**
[54] **ASSEMBLAGE DE TURBINE A ROUE AUXILIAIRE**
[72] SNYDER, BRANDON R., US
[72] WHITTEN, MICHAEL R., US
[72] SELLHORN, JAMES E., US
[72] RIEHLE, BRADFORD JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-03-16
[41] 2018-11-04
[30] US (15/587,310) 2017-05-04
[30] US (15/587,314) 2017-05-04
[30] US (15/587,318) 2017-05-04
[30] US (15/587,319) 2017-05-04
[30] US (15/587,322) 2017-05-04

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[13] A1
[51] **Int.Cl. F01D 5/02 (2006.01) F01D 5/10 (2006.01) F01D 21/14 (2006.01)**
[25] EN
[54] **TURBINE ASSEMBLY WITH AUXILIARY WHEEL**
[54] **ASSEMBLAGE DE TURBINE A ROUE AUXILIAIRE**
[72] SNYDER, BRANDON R., US
[72] WHITTEN, MICHAEL R., US
[72] SELLHORN, JAMES E., US
[72] RIEHLE, BRADFORD JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **GANTRY LOADER**
[54] **PORTIQUE DE CHARGEMENT**
[72] HANSCHKE, DAVID, DE
[72] PORSCHE, CRHISTOF, DE
[72] MATTERN, THOMAS, DE
[71] LIEBHERR-VERZAHNTECHNIK GMBH, DE
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[25] EN
[54] **INTERNAL COMBUSTION ENGINE CYLINDER HEAD WITH TUBULAR APPARATUS FOR INTAKE AND EXHAUST**
[54] **TETE DE CYLINDRE DE MOTEUR A COMBUSTION INTERNE DOTE D'UN APPAREILLAGE TUBULAIRE D'ADMISSION ET D'ECHAPPEMENT**
[72] XIA, ZHOUXUAN, CA
[72] CUI, YISHENG, CA
[71] XIA, ZHOUXUAN, CA
[22] 2018-03-27
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[30] US (USPTO 625014032017-05-) 2017-05-04
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[54] **SCENTED ATTACHMENT FOR CONTAINERS**
[54] **FIXATION PARFUMEE POUR CONTENEUR**
[72] GRIFFIS, SHAWN, US
[71] SZENT BEV CO., US
[22] 2018-03-27
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[54] **SURGICAL STAPLES WITH EXPANDABLE BACKSPAN**
[54] **AGRAFES CHIRURGICALES A PORTEE EXTENSIBLE**
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
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[54] **SNAP RING CAM ACTUATOR RELEASE FOR A LOADING UNIT**
[54] **LIBERATION D'ACTIONNEUR A CAME A BAGUE ELASTIQUE DESTINEE A UN MODULE DE CHARGEMENT**
[72] GUERRERA, JOSEPH, US
[72] SGROI, ANTHONY, JR., US
[72] MOZDZIERZ, PATRICK, US
[71] COVIDIEN LP, US
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[25] EN
[54] **AIRCRAFT RADOME APPARATUSES AND METHODS**
[54] **SYSTEMES ET METHODES DE RADOME D'AERONEF**
[72] SCLAFANI, ANTHONY JOSEPH, US
[71] THE BOEING COMPANY, US
[22] 2018-04-04
[41] 2018-11-09
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[25] EN
[54] **WIRELESS CONTROL AND STATUS MONITORING FOR ELECTRIC GRILL WITH CURRENT PROTECTION CIRCUITRY**
[54] **COMMANDE SANS FIL ET SURVEILLANCE D'ETAT D'UN GRILL ELECTRIQUE DOTE D'UN CIRCUIT DE PROTECTION DU COURANT**
[72] KNAPPENBERGER, ERIC, US
[72] ZULETA, JULIO C., US
[72] LERCH, MATTHEW, US
[72] EMMERICH, JEFFERY C., US
[71] WEBER-STEPHEN PRODUCTS LLC, US
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[25] EN
[54] **DIGITAL POWER SUPPLY WITH WIRELESS MONITORING AND CONTROL**
[54] **ALIMENTATION NUMERIQUE DOTEE DE SURVEILLANCE ET CONTROLE SANS FIL**
[72] KNAPPENBERGER, ERIC, US
[72] ZULETA, JULIO C., US
[72] LERCH, MATTHEW, US
[72] EMMERICH, JEFFERY C., US
[71] WEBER-STEPHEN PRODUCTS LLC, US
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[54] **REPOSABLE MULTI-FIRE SURGICAL CLIP APPLIER**
[54] **APPLICATEUR DE PINCE CHIRURGICALE MULTICOUP REPOSABLE**
[72] MOHAN, P.V.R., IN
[71] COVIDIEN LP, US
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[54] **ANCHOR, CASING ARRANGEMENT WITH TWO CASING ELEMENTS ARRANGED AT A DISTANCE FROM EACH OTHER, METHOD FOR PRODUCING THE CASING ARRANGEMENT**
[54] **ANCRAGE, DISPOSITION DE LOGEMENT COMPORTANT DEUX ELEMENTS DE LOGEMENT SEPARES L'UN DE L'AUTRE, METHODE DE PRODUCTION DE LA DISPOSITION DE LOGEMENT**
[72] DINGLER, GERHARD, DE
[72] SCHILLE, RICK, DE
[72] SCHOTT, JEAN-LUC, FR
[71] MEVA SCHALUNGS-SYSTEME GMBH, DE
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[54] **CORNER REINFORCEMENT GUSSET**
[54] **GOUSSET DE RENFORCEMENT DE COIN**
[72] CURRY, DAVID, US
[72] SHARP, WILLIAM T., US
[72] STEVENSON, TODD, US
[72] EGGERT, DANIEL, US
[72] DOERFLINGER, DAVID, US
[71] SNAP-ON INCORPORATED, US
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[54] **CHASSIS DE FIL INTERNE**
[72] NEUBAUER, KYLE M., US
[72] SHARP, WILLIAM T., US
[71] SNAP-ON INCORPORATED, US
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[54] **FRONT PULL LATCH**
[54] **VERROU A TRACTION AVANT**
[72] SHARP, WILLIAM T., US
[71] SNAP-ON INCORPORATED, US
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[54] **IMPLANT AND METHOD FOR ANKLE SYNDESMOSIS TREATMENT**
[54] **IMPLANT ET METHODE DE TRAITEMENT DE LA SYNDESMOSE DE LA CHEVILLE**
[72] ARMACOST, SCOTT A., US
[72] COMBS, SACH, US
[72] COHEN, BRUCE E., US
[72] DEN HARTOG, BRYAN D., US
[72] BERLET, GREGORY C., US
[72] PENNER, MURRAY JOHN, CA
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **PNEUMATIC ACTUATION SYSTEMS HAVING IMPROVED FEEDBACK CONTROL**
[54] **SYSTEMES D'ACTIONNEMENT PNEUMATIQUE AYANT UN CONTROLE DE RETROACTION AMELIORE**
[72] HUTCHISON, MATTHEW G., US
[72] BOSWORTH, WILLIAM, US
[72] KEHLENBECK, ANDREW, US
[72] JENSEN, DEVIN, US
[71] AURORA FLIGHT SCIENCES CORPORATION, US
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[54] **CONTAINER**
[54] **RECIPIENT**
[72] LIU, SHIH HSUN, CN
[71] GRIP B INNOVATIONS CO., LTD., CN
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[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR COMMUNICATING WITH UNMANNED AERIAL VEHICLES**
[54] **DISPOSITIFS, SYSTEMES ET METHODES DE COMMUNICATION AVEC LES VEHICULES AERIENS SANS PILOTE**
[72] GAGNE, MICHAEL, US
[71] ATC TECHNOLOGIES, LLC, US
[22] 2018-04-16
[41] 2018-11-05
[30] US (62/502112) 2017-05-05

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[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **AUTOMATED GENERATION OF NARRATIVE RESPONSES TO DATA QUERIES**
[54] **GENERATION AUTOMATISEE DE REPONSES NARRATIVES AUX REQUETES DE DONNEES**
[72] SHIVARAM, MADHURA, IN
[72] TATA, SWATI, IN
[72] KUMAR, DEEPAK, IN
[72] SAMANTA, PRATIP, IN
[72] RAAMADHURAI, SRIKRISHNA, IN
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
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[41] 2018-11-09
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[25] EN
[54] **METHOD FOR TREATING AND REVERSING TYPE 2 DIABETES**
[54] **METHODE DE TRAITEMENT ET DE RENVERSEMENT DE DIABETE DE TYPE 2**
[72] HOCKINGS, J. MURRAY, US
[71] HOCKINGS CONSULTING, INC. DBA HELP YOUR DIABETES, US
[22] 2018-04-18
[41] 2018-11-09
[30] US (15/590,809) 2017-05-09

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[51] **Int.Cl. B65D 75/36 (2006.01)**
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[54] **DISPENSING CONTAINERS**
[54] **CONTENANTS DE DISTRIBUTION**
[72] HOGAN, MARK PAUL, GB
[71] MEDI-CLEAR LTD, GB
[22] 2018-04-19
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[51] **Int.Cl. B60K 17/342 (2006.01)**
[25] EN
[54] **THE ALL-WHEELS DRIVE ARRANGEMENT WITH LOW INPUT TORQUE ESPECIALLY FOR THE SKID-STEER LOADERS**
[54] **LA DISPOSITION D'UN ENTRAINEMENT TOUTES ROUES MOTRICES A COUPLE D'ENTREE FAIBLE SPECIALEMENT CONCU POUR LES CHARGEURS A DIRECTION A GLISSEMENT**
[72] SLAVOMIR, PETRENEC, SK
[72] JAN, HANES, SK
[71] KOVACO SPOL. S R. O., SK
[22] 2018-04-19
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[25] EN
[54] **SYSTEM AND METHOD FOR MAKING A SOLID TARGET WITHIN A PRODUCTION CHAMBER OF A TARGET ASSEMBLY**
[54] **SYSTEME ET METHODE DE FABRICATION D'UNE CIBLE SOLIDE DANS UNE CHAMBRE DE PRODUCTION D'UN ASSEMBLAGE CIBLE**
[72] PARNASTE, MARTIN, SE
[72] RENSEI, FREDRIK HANS, SE
[72] GAGNON, KATHERINE MARY, SE
[72] CARLBOM, MIKAEL, SE
[72] ERIKSSON, TOMAS, SE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-04-19
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[51] **Int.Cl. G01N 21/25 (2006.01)**
[25] EN
[54] **ENDPOINT DETECTION IN MANUFACTURING PROCESS BY NEAR INFRARED SPECTROSCOPY AND MACHINE LEARNING TECHNIQUES**
[54] **DETECTION DE POINT D'EXTREMITE DANS LE PROCEDE DE FABRICATION PAR SPECTROSCOPIE INFRAROUGE ET TECHNIQUES D'APPRENTISSAGE MACHINE**
[72] HSIUNG, CHANGMENG, US
[72] ZOU, PENG, US
[72] SUN, LAN, US
[71] VIAVI SOLUTIONS INC., US
[22] 2018-04-23
[41] 2018-11-04
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[25] EN
[54] **VARIABLE WEIGHTED BLANKET SYSTEM**
[54] **SYSTEME DE COUVERTURE A POIDS VARIABLE**
[72] RICHARD, JUSTIN, CA
[71] THE OWL AND THE BEAR PRODUCTION INC., CA
[22] 2018-04-23
[41] 2018-11-04
[30] US (62501682) 2017-05-04

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[25] EN
[54] **MIXTURES OF CYCLIC BRANCHED SILOXANES OF THE D/T TYPE AND CONVERSION PRODUCTS THEREOF**
[54] **MELANGES DE SILOXANES A RAMIFICATION CYCLIQUE DE TYPE D/T ET PRODUITS DE CONVERSION ASSOCIES**
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-04-23
[41] 2018-11-08
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[51] **Int.Cl. F02C 7/26 (2006.01) F02C 7/262 (2006.01) F02C 9/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SETTING AN ACCELERATION SCHEDULE FOR ENGINE START**
[54] **METHODE ET SYSTEMES DE PARAMETRAGE DE LA PLANIFICATION DE L'ACCELERATION AU DEMARRAGE MOTEUR**
[72] LAMARRE, SYLVAIN, CA
[72] ALEXANDRE, PIERRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 8/24 (2009.01)**
[25] EN
[54] **METHOD, DEVICE, AND SYSTEM FOR SCHEDULING TRANSMISSION OF A STATUS UPDATE IN A TIME DIVISION MULTIPLE ACCESS (TDMA) COMMUNICATION SYSTEM**
[54] **METHODE, DISPOSITIF ET SYSTEME DE PLANIFICATION DE TRANSMISSION D'UNE MISE A JOUR D'ETAT DANS UN SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS**
[72] YANG, YUNHAI, US
[72] MCDONALD, DANIEL J., US
[71] MOTOROLA SOLUTIONS, INC., US
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[51] **Int.Cl. B65D 90/04 (2006.01)**
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[54] **BLADDER FOR RETAINING MATERIAL IN A BLADDER TANK**
[54] **VESSIE SERVANT A RETENIR DES MATERIAUX DANS UN RESERVOIR SOUPLE**
[72] HINDBO, MONTE W., CA
[71] THINKTANK PRODUCTS INC., CA
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[41] 2018-11-04
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[25] EN
[54] **MAGAZINE FOR A FASTENER TOOL**
[54] **MAGASIN DESTINE A UN OUTIL DE FIXATION**
[72] BODIN, CHRISTOPHE, US
[72] VETTORETTI, ALAIN, US
[72] MARION, CYRIL, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **COMBINED FIXING TOOL**
[54] **OUTIL DE FIXATION COMBINE**
[72] BODIN, CHRISTOPHE, US
[72] VETTORETTI, ALAIN, US
[72] NAYRAC,FREDERIC, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-04-26
[41] 2018-11-05
[30] EP (17169626.3) 2017-05-05

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[51] **Int.Cl. F01D 17/08 (2006.01) F02C 9/00 (2006.01) F04D 27/00 (2006.01)**
[25] EN
[54] **TURBINE ENGINE COMPRESSOR WITH A TURBULENCE SENSOR**
[54] **COMPRESSEUR DE TURBINE DOTE D'UN CAPTEUR DE TURBULENCE**
[72] HIERNAUX, STEPHANE, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2018-04-27
[41] 2018-11-05
[30] BE (BE 2017/5316) 2017-05-05

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[25] EN
[54] **PLANETARY GEAR SYSTEM AND AIR TURBINE STARTER**
[54] **SYSTEME D'ENGRENAGE PLANETAIRE ET DEMARREUR DE TURBINE A AIR**
[72] NAYAK, SUBRATA, US
[72] GANIGER, RAVINDRA SHANKAR, US
[72] DRANSCHAK, DAVID ALLAN, US
[72] ZINGER, MARC DAVID, US
[72] MEYERS, SHILOH MONTGOMERY EMERSON, US
[72] TRIPATHI, PALLAVI, US
[72] PATIL, SHARAD PUNDLIK, US
[72] RICKERT, MARK LESLIE, US
[72] BULATHSINGHALAGE, HARSHA SANJEEWA, US
[72] MURDOCK, MATTHEW KEITH, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2018-04-26
[41] 2018-11-09
[30] US (15/590,651) 2017-05-09

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[51] **Int.Cl. H03K 17/14 (2006.01) F24F 11/88 (2018.01) F04D 27/00 (2006.01) H05B 37/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCH AND MOUNTING ASSEMBLY THEREFOR**
[54] **INTERRUPTEUR ELECTRIQUE ET ASSEMBLAGE D'INSTALLATION ASSOCIE**
[72] DHOTE, NAVNEET, IN
[72] KUMAR, PRAMOD, US
[72] KULKARNI, PRAVIN, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-04-26
[41] 2018-11-04
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[51] **Int.Cl. G09B 23/30 (2006.01) B29C 70/30 (2006.01) C08J 5/04 (2006.01) C08K 7/02 (2006.01) C08L 29/04 (2006.01) A61L 27/16 (2006.01)**
[25] EN
[54] **STIMULATED FIBROUS TISSUE FOR SURGICAL TRAINING**
[54] **TISSUS FIBREUX STIMULES DESTINES A LA FORMATION EN CHIRURGIE**
[72] WHITTON, GREGORY ALLAN, CA
[72] KERINS, FERGAL, CA
[72] TYLER, BRANDON WILLIAM RUSSELL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2018-05-01
[41] 2018-11-05
[30] US (15/587,438) 2017-05-05

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[51] **Int.Cl. E01B 11/54 (2006.01)**
[25] EN
[54] **GAUGE PLATE INSULATOR**
[54] **ISOLANT DE PLAQUE DE JAUGE**
[72] URMSON, W. THOMAS, JR., US
[72] JUNK, RONALD K., US
[72] SINGLETON, STEVEN D., US
[72] MOSPAN, JOHN W., US
[71] KOPPERS DELAWARE, INC., US
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[30] US (62/501,327) 2017-05-04

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[54] **APPLICATION DE BANDE DE SCELLANT HAUTE VITESSE**
[72] LEITCH, OLAN T., US
[72] MACHELSKI, TIMOTHY A., US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2018-05-01
[41] 2018-11-08
[30] US (60/503,056) 2017-05-08

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/06 (2006.01) E21B 44/02 (2006.01) E21B 45/00 (2006.01) E21B 47/024 (2006.01)**
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[54] **OPTIMIZED DIRECTIONAL DRILLING USING MWD DATA**
[54] **FORAGE DIRECTIONNEL OPTIMISE EMPLOYANT LES DONNEES DE MESURE DE FOND PENDANT LE FORAGE**
[72] GAJIC, BOSKO, US
[72] WHITE, MATTHEW, US
[72] HADI, MAHMOUD, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-05-01
[41] 2018-11-09
[30] US (15/590784) 2017-05-09

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[51] **Int.Cl. B60K 23/08 (2006.01) B60F 5/00 (2006.01)**
[25] EN
[54] **ATV WITH RATCHETING FOUR WHEEL DRIVE ACTUATOR**
[54] **VTT EQUIPE D'UN ACTIONNEUR QUATRE ROUES MOTRICES A ROCHET**
[72] LANDON, JUSTIN A., US
[71] ARCTIC CAT INC., US
[22] 2018-05-02
[41] 2018-11-07
[30] US (62/503,733) 2017-05-07
[30] US (15/968,023) 2018-05-01

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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 1/28 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS OF REDUCTION FOR MEASURING ORAL LAVAGE PROTEINS**
[54] **METHODES DE REDUCTION DESTINEE A MESURER LES PROTEINES DE LESSIVAGE BUCCAL**
[72] HAUGHT, JOHN CHRISTIAN, US
[72] XIE, SANCAI, US
[72] TANSKY, CHERYL SUE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2018-05-02
[41] 2018-11-04
[30] US (62/501523) 2017-05-04

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[51] **Int.Cl. A63H 3/36 (2006.01) A63H 3/33 (2006.01) A63H 5/00 (2006.01)**
[25] EN
[54] **INTERACTIVE ROBOTIC TOY**
[54] **JOUET ROBOTIQUE INTERACTIF**
[72] SUFER, DAVIN, CA
[72] LEMIRE, ANTHONY, CA
[72] WISEMAN, SYDNEY, CA
[71] WOWWEE GROUP LTD., CN
[22] 2018-05-02
[41] 2018-11-09
[30] US (62/503,363) 2017-05-09
[30] US (15/802,578) 2017-11-03
[30] US (62/649,600) 2018-03-29
[30] US (15/963,181) 2018-04-26

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[13] A1
[51] **Int.Cl. B64F 5/60 (2017.01) B64C 13/24 (2006.01) F16D 66/00 (2006.01)**
[25] EN
[54] **METHOD TO MEASURE AIRCRAFT HIGH-LIFT SYSTEM BRAKE RESPONSE TIME**
[54] **METHODE DE MESURE DU TEMPS DE REPONSE DES FREINS SYSTEME D'HYPERSUSTENSION D'AERONEF**
[72] MAYER, TIMOTHY MICHAEL, US
[72] PEREZ, ARTEMIO, US
[72] BARGER, VICTOR, US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2018-05-01
[41] 2018-11-05
[30] US (15/587,546) 2017-05-05

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[51] **Int.Cl. F21S 4/24 (2016.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01) H05K 1/16 (2006.01)**
[25] EN
[54] **LIGHT BOARD FOR LIGHTING FIXTURE**
[54] **PLAQUE D'ECLAIRAGE DESTINEE A UN APPAREIL D'ECLAIRAGE**
[72] CLAWSON, THOMAS N., US
[72] BAKER, DEREK BRUCE, US
[71] HUBBELL INCORPORATED, US
[22] 2018-05-01
[41] 2018-11-05
[30] US (62/501,903) 2017-05-05

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[13] A1
[51] **Int.Cl. H04N 19/182 (2014.01) H04N 19/184 (2014.01) H04N 19/59 (2014.01) G06T 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO ENCODE AND DECODE TWO-DIMENSION POINT CLOUDS**
[54] **METHODE ET APPAREIL DE CODAGE ET DE DECODAGE DE NUAGES DE POINTS EN DEUX DIMENSIONS**
[72] FLEUREAU, JULIEN, FR
[72] CHUPEAU, BERTRAND, FR
[72] DORE, RENAUD, FR
[71] THOMSON LICENSING, FR
[22] 2018-05-02
[41] 2018-11-04
[30] EP (17305504.7) 2017-05-04

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **MODEL BUILDING ARCHITECTURE AND SMART ROUTING OF WORK ITEMS**
[54] **ARCHITECTURE DE BATIMENT MODELE ET ACHEMINEMENT INTELLIGENT D'ELEMENTS DE TRAVAIL**
[72] JAYARAMAN, BASKAR, US
[72] CHATTERJEE, DEBASHISH, US
[72] GOVINDARAJAN, KANNAN, US
[72] THAKUR, ANIRUDDHA, US
[71] SERVICENOW, INC., US
[22] 2018-05-02
[41] 2018-11-04
[30] US (15/674,379) 2017-08-10
[30] US (62/501,646) 2017-05-04
[30] US (62/501,657) 2017-05-04
[30] US (62/502,244) 2017-05-05
[30] US (62/502,258) 2017-05-05
[30] US (62/502,308) 2017-05-05
[30] US (62/502,440) 2017-05-05

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **CAPABILITY BASED PLANNING**
[54] **PLANIFICATION FONDEE SUR LA CAPACITE**
[72] BODMAN, MARK DAVID, US
[71] SERVICENOW, INC., US
[22] 2018-05-02
[41] 2018-11-05
[30] US (15/939,027) 2018-03-28
[30] US (62/502,244) 2017-05-05
[30] US (15/723,766) 2017-10-03

[21] **3,003,664**
[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/04 (2006.01) G01T 1/166 (2006.01)**
[25] EN
[54] **NORMALIZATION CRYSTAL EFFICIENCIES ESTIMATION FOR CONTINUOUS MOTION BED ACQUISITION**
[54] **ESTIMATION DE L'EFFICACITE D'UN CRISTAL PAR NORMALISATION EN VUE D'UNE ACQUISITION SUR UN LIT EN MOUVEMENT CONTINU**
[72] PANIN, VLADIMIR Y., US
[71] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[22] 2018-05-02
[41] 2018-11-04
[30] US (15/586485) 2017-05-04

[21] **3,003,687**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) E03F 5/00 (2006.01)**
[25] EN
[54] **RECONFIGURABLE LEACHING MODULE**
[54] **MODULE DE LESSIVAGE RECONFIGURABLE**
[72] POTTS, DAVID A., US
[72] BORKOWSKI, DANIEL, US
[72] JEWETT, DAVID, US
[72] BORRUSO, MICHAEL JOSEPH, US
[71] GEOMATRIX SYSTEMS, LLC, US
[22] 2018-05-02
[41] 2018-11-05
[30] US (62/502,082) 2017-05-05

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 33/03 (2006.01)**
[25] EN
[54] **COMMUNICATION THROUGH A HANGER AND WELLHEAD**
[54] **COMMUNICATION PAR UN TOIT ET UNE TETE DE PUITS**
[72] NOSKE, JOE, JR., US
[72] MCDOWELL, CHRISTOPHER L., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-05-02
[41] 2018-11-05
[30] US (15/588,536) 2017-05-05

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[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **USER INTERFACE FOR AUTOMATED FLOWS WITHIN A CLOUD BASED DEVELOPMENTAL PLATFORM**
[54] **INTERFACE UTILISATEUR DE FLUX AUTOMATISES DANS UNE PLATEFORME DE DEVELOPPEMENT NUAGIQUE**
[72] DIAS, REBECCA, US
[72] BRENNAN, MARK, US
[72] STARK, NICHOLAS, US
[71] SERVICENOW, INC., US
[22] 2018-05-03
[41] 2018-11-05
[30] US (62/502,258) 2017-05-05
[30] US (15/814,967) 2017-11-16
[30] US (29/617,193) 2017-09-12
[30] US (62/557,427) 2017-09-12

[21] **3,003,779**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **IDENTIFYING CLUSTERS FOR SERVICE MANAGEMENT OPERATIONS**
[54] **IDENTIFICATION DE GROUPEMENTS DESTINEE A DES OPERATIONS DE GESTION DE SERVICE**
[72] WALTHERS, BRUCE, US
[72] RAMACHANDRAN, MUKUND, US
[72] KULKARNI, ABHAY, US
[72] KOOHMAREY, DARIUS, US
[71] SERVICENOW, INC., US
[22] 2018-05-03
[41] 2018-11-05
[30] US (62/517,719) 2017-06-09
[30] US (15/939,602) 2018-03-29
[30] US (62/502,244) 2017-05-05
[30] US (62/502,440) 2017-05-05
[30] US (15/723,731) 2017-10-03

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[13] A1
[51] **Int.Cl. B66F 5/00 (2006.01) B66F 3/46 (2006.01)**
[25] EN
[54] **MOBILE LIFT COLUMN CABLE SUSPENSION BRACKET AND ASSOCIATED METHOD**
[54] **SUPPORT DE SUSPENSION DE CABLE DE COLONNE DE LEVAGE MOBILE ET METHODE ASSOCIEE**
[72] HUDSON, GARETH Y., US
[71] ARI PHOENIX, INC., US
[22] 2018-05-03
[41] 2018-11-05
[30] US (62/501,964) 2017-05-05

[21] **3,003,788**
[13] A1
[51] **Int.Cl. A41D 13/05 (2006.01) A41D 13/015 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **HARNESS WITH SINGLE-PULL ADJUSTMENT FOR SPORTS CHEST PROTECTOR**
[54] **HARNAIS DOTE D'AJUSTEMENT PAR TRACTION SIMPLE DESTINE A UN PROTECTEUR DE POITRINE DE SPORTS**
[72] GUIDETTI, GIOVANNI, US
[71] EASTON DIAMOND SPORTS, LLC, US
[22] 2018-05-01
[41] 2018-11-05
[30] US (15/588,554) 2017-05-05

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[51] **Int.Cl. B60B 33/00 (2006.01) B60B 33/02 (2006.01)**
[25] EN
[54] **CASTER WHEEL**
[54] **ROULETTE**
[72] DOERFLINGER, DAVID A., US
[72] SHARP, WILLIAM T., US
[71] SNAP-ON INCORPORATED, US
[22] 2018-05-03
[41] 2018-11-08
[30] US (62/503,129) 2017-05-08
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[51] **Int.Cl. E05D 13/00 (2006.01) E05D 15/16 (2006.01)**
[25] EN
[54] **ADJUSTABLE CARRIAGE ASSEMBLY FOR SUSPENDING A PANEL**
[54] **MECANISME DE CHARIOT AJUSTABLE DESTINE A SUSPENDRE UN PANNEAU**
[72] LUCCI, ROBERT M., US
[72] DESORMEAU, JAY, US
[71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[41] 2018-11-05
[30] US (15/587,886) 2017-05-05

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/06 (2006.01) A01C 15/02 (2006.01)**
[25] EN
[54] **HAND-HELD SPREADER HAVING A BASE ATTACHABLE TO A PLURALITY OF DIFFERENT HOPPERS**
[54] **EPANDEUR MANUEL COMPORTANT UNE BASE ATTACHABLE A UNE PLURALITE DE DIFFERENTS TREMIS**
[72] DUBIEL, DAVID, US
[72] CAMPBELL, WILLIAM J., US
[71] CHAPIN MANUFACTURING, INC., US
[22] 2018-05-03
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[30] US (62/502,344) 2017-05-05

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[13] A1
[51] **Int.Cl. G06Q 50/08 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM FOR ON-SITE TRACKING, MANAGING, PLANNING, AND STAGING CONSTRUCTION PROJECTS**
[54] **SYSTEME DE SUIVI, GESTION, PLANIFICATION ET ORGANISATION SUR PLACE DE PROJETS DE CONSTRUCTION**
[72] SCHWARTZ, TIMOTHY MICHAEL, US
[71] NUCOR CORPORATION, US
[22] 2018-05-03
[41] 2018-11-05
[30] US (62/502,309) 2017-05-05
[30] US (15/969,125) 2018-05-02
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[51] **Int.Cl. A41D 11/00 (2006.01) A41D 10/00 (2006.01)**
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[54] **EXPANDABLE SWADDLING GARMENT**
[54] **VETEMENT D'EMMAILLOTEMENT EXTENSIBLE**
[72] BARSKI, KAREN H., US
[71] BARSKI, KAREN H., US
[22] 2018-05-03
[41] 2018-11-05
[30] US (62/501836) 2017-05-05
[30] US (62/529579) 2017-07-07
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[51] **Int.Cl. E01F 1/00 (2006.01) B61B 1/02 (2006.01) E01C 15/00 (2006.01)**
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[54] **MODULAR PLATFORM DECK FOR TRAFFIC**
[54] **LIT DE PLATEFORME MODULAIRE DESTINE A LA CIRCULATION**
[72] SZEKELY, KENNETH, CA
[71] ASTRA CAPITAL INCORPORATED, CA
[22] 2018-05-04
[41] 2018-11-09
[30] US (62/503574) 2017-05-09
[30] CA (2,968,109) 2017-05-24
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[51] **Int.Cl. B65D 33/24 (2006.01) B65D 33/16 (2006.01)**
[25] EN
[54] **SEALABLE BAG**
[54] **SAC SCELLABLE**
[72] LIU, CHAO, CN
[71] MOLIA PACKAGING USA, INC., US
[22] 2018-05-04
[41] 2018-11-05
[30] US (62/501,813) 2017-05-05

[21] **3,003,973**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO PROVIDE CIRCADIAN IMPACT**
[54] **SYSTEMES ET METHODES DE PRESENTATION DE L'IMPACT CIRCADIEN**
[72] CICCARELLI, DAVID P., US
[72] WEISS, DANIEL AARON, US
[72] SUTTLES, BENJAMIN MARSHALL, US
[71] ABL IP HOLDING LLC, US
[22] 2018-05-04
[41] 2018-11-05
[30] US (62/502,027) 2017-05-05

[21] **3,003,974**
[13] A1
[51] **Int.Cl. B62D 55/26 (2006.01)**
[25] EN
[54] **MOUNTABLE CLEAT APPARATUS**
[54] **APPAREILLAGE DE CALE INSTALLABLE**
[72] WILSON, RICHARD T. W., CA
[72] OSKAM, JONATHAN J. H. G., CA
[71] PRO-LYNX INC., CA
[22] 2018-05-04
[41] 2018-11-04
[30] US (62/501,627) 2017-05-04

[21] **3,003,977**
[13] A1
[51] **Int.Cl. B23K 9/32 (2006.01)**
[25] EN
[54] **WELDING GROUND APPARATUS**
[54] **APPAREIL DE SOUDAGE A MISE A LA TERRE**
[72] BOSWORTH, ROBERT, CA
[72] SCOTCHMER, NIGEL, CA
[72] CHAN, KEVIN, CA
[71] HUYS INDUSTRIES LIMITED, CA
[22] 2018-05-04
[41] 2018-11-05
[30] US (62/502,487) 2017-05-05
[30] US (62/517,589) 2017-06-09

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[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01) B44D 3/12 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **ACCESSORY HOLDER FOR A PAINT TRAY CARRIER**
[54] **SUPPORT D'ACCESSOIRE DESTINE A UN SUPPORT DE BAC DE PEINTURE**
[72] PIPPUS, TROY, CA
[71] PIPPUS, TROY, CA
[22] 2018-05-04
[41] 2018-11-05
[30] US (62501904) 2017-05-05

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[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01B 49/06 (2006.01) A01B 63/00 (2006.01)**
[25] EN
[54] **SEED FIRMING DEVICE FOR IMPROVING SEED TO SOIL CONTACT IN A PLANTER FURROW WITH FEATURE DESIGNED TO PREVENT THE BUILDUP OF SOIL ON THE OUTER SURFACES BY DISCHARGING PRESSURIZED FLUID**
[54] **APPAREIL DE RAFFERMISSEMENT DE SEMENCE DESTINE A AMELIORER LE CONTACT AU SOL DANS UN SILLON DE PLANTEUSE OFFRANT UNE FONCTIONNALITE CONCUE POUR EMPECHER L'ACCUMULATION DE TERRE SUR LES SURFACES EXTERIEURES EN ENVOYANT UN FLUIDE SOUS PRESSION**
[72] BASSETT, JOSEPH D., US
[71] DAWN EQUIPMENT COMPANY, US
[71] BASSETT, JOSEPH D., US
[22] 2018-05-04
[41] 2018-11-04
[30] US (15/586,799) 2017-05-04
[30] US (62/648,183) 2018-03-26

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[13] A1
[51] **Int.Cl. H01H 9/20 (2006.01) H01H 3/02 (2006.01) H01H 71/10 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER LOCKOUT SUBASSEMBLIES, AND CIRCUIT BREAKERS AND METHODS INCLUDING SAME**
[54] **SOUS-ASSEMBLAGES DE VERROU DE DISJONCTEUR, ET DISJONCTEURS ET METHODES COMPORTANT LESDITS SOUS-ASSEMBLAGES**
[72] WATFORD, RUSSELL THOMAS, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2018-05-04
[41] 2018-11-08
[30] US (15/589297) 2017-05-08

[21] **3,004,008**
[13] A1
[51] **Int.Cl. G06N 5/00 (2006.01) G06N 5/02 (2006.01)**
[25] EN
[54] **ONTOLOGICAL SUBJECTS OF A UNIVERSE AND KNOWLEDGE REPRESENTATIONS THEREOF**
[54] **OBJETS ONTOLOGIQUES D'UN UNIVERS ET REPRESENTATIONS DE CONNAISSANCES ASSOCIEES**
[72] HATAMI-HANZA, HAMID, CA
[71] HATAMI-HANZA, HAMID, CA
[22] 2018-05-04
[41] 2018-11-08
[30] US (15/589914) 2017-05-08

[21] **3,004,010**
[13] A1
[51] **Int.Cl. A01B 63/24 (2006.01) A01B 63/16 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATICALLY SETTING THE SET POINT OF A PLANTER AUTOMATIC DOWN PRESSURE CONTROL SYSTEM WITH A SEED FURROW SIDEWALL COMPACTION MEASUREMENT DEVICE**
[54] **SYSTEME D'ETABLISSEMENT AUTOMATIQUE DU POINT DE CONSIGNE D'UN MECANISME DE CONTROLE AUTOMATIQUE DE LA PRESSION VERS LE BAS D'UNE PLANTEUSE DOTE D'UN DISPOSITIF DE MESURE DE LA COMPACTION DE LA PAROI LATERALE DU SILLON DE SEMENCE**
[72] BASSETT, JOSEPH D., US
[71] DAWN EQUIPMENT COMPANY, US
[22] 2018-05-04
[41] 2018-11-04
[30] US (15/586,743) 2017-05-04

[21] **3,004,016**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **SUSPENSIONS OF NONPOLAR NANOPARTICLES FOR ENHANCED RECOVERY OF HEAVY OILS**
[54] **SUSPENSIONS DE NANOPARTICULES NON POLAIRES AUX FINS DE RECUPERATION AMELIOREE DES HYDROCARBURES BRUTS**
[72] MAZYAR, OLEG A., US
[72] SADANA, ANIL K., US
[72] DARUGAR, QUSAI A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[22] 2018-05-04
[41] 2018-11-04
[30] US (15/586692) 2017-05-04

[21] **3,004,021**
[13] A1
[51] **Int.Cl. E04B 1/76 (2006.01) E04B 1/66 (2006.01) E04B 1/92 (2006.01)**
[25] EN
[54] **THERMAL INSULATING CONSTRUCTION WRAP AND METHODS FOR SAME**
[54] **EMBALLAGE DE CONSTRUCTION D'ISOLATION THERMIQUE ET METHODES ASSOCIEES**
[72] GONZALES, MIGUEL, US
[72] ZHOU, LEI, US
[71] R.H. TAMLYN & SONS, LP, US
[22] 2018-05-04
[41] 2018-11-05
[30] US (62/502,397) 2017-05-05

[21] **3,004,038**
[13] A1
[51] **Int.Cl. H01H 83/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DISABLE A TRIP CIRCUIT DURING SELF TEST IN GROUND FAULT CIRCUIT INTERRUPTERS**
[54] **METHODES ET APPAREIL DE DESACTIVATION D'UN CIRCUIT DE DECLENCHEMENT PENDANT UN TEST AUTONOME DANS LES INTERRUPTEURS DE CIRCUIT A DEFAUT DE TERRE**
[72] KINSEL, HUGH T., US
[72] ENDOZO, JOSELITO, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2018-05-04
[41] 2018-11-08
[30] US (15/588895) 2017-05-08

[21] **3,004,041**
[13] A1
[51] **Int.Cl. B63H 20/36 (2006.01) F16B 1/02 (2006.01)**
[25] EN
[54] **OUTBOARD MOTOR BRACE**
[54] **SUPPORT DE MOTEUR HORS-BORD**
[72] LAZAREVIS, RANKO, CA
[71] LAZAREVIS, RANKO, CA
[22] 2018-05-04
[41] 2018-11-08
[30] US (62/502,920) 2017-05-08

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[13] A1
[51] **Int.Cl. B64C 27/39 (2006.01) B64C 27/51 (2006.01)**
[25] EN
[54] **HELICOPTER ROTOR HUB ASSEMBLY AND HELICOPTER INCLUDING SAME**
[54] **ASSEMBLAGE DE MOYEU DE ROTOR D'HELICOPTERE ET HELICOPTERE COMPORTANT LEDIT ASSEMBLAGE**
[72] LAFLAMME, ENRICK, CA
[72] DUBOIS, ANDRE, CA
[71] LAFLAMME AERO INC., CA
[22] 2018-05-07
[41] 2018-11-05
[30] US (62/502,140) 2017-05-05

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[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **LIGHT MODULATION FOR IMPROVED PHOTOACOUSTIC FEEDBACK ON LIGHT-INDUCED TREATMENTS AND PROCEDURES**
[54] **MODULATION D'ECLAIRAGE DESTINEE A AMELIORER LA RETROACTION PHOTOACOUSTIQUE DES TRAITEMENTS ET INTERVENTIONS INDUITS PAR LA LUMIERE**
[72] BROWN, ROBERT B., CA
[72] DUFOUR, SUZIE, CA
[72] GALLANT, PASCAL, CA
[72] MERMUT, OZZY, CA
[72] DELADURANTAYE, PASCAL, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2018-05-07
[41] 2018-11-05
[30] US (62/502,079) 2017-05-05

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[51] **Int.Cl. A47K 1/14 (2006.01) E03C 1/26 (2006.01) E03C 1/262 (2006.01)**
[25] EN
[54] **UNIVERSAL SINK STOPPER AND STRAINER**
[54] **BOUCHON ET CREPINE D'EVIER UNIVERSELS**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2018-05-07
[41] 2018-11-08
[30] US (62/503,183) 2017-05-08

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[13] A1
[51] **Int.Cl. E03C 1/264 (2006.01)**
[25] EN
[54] **EXTERNAL HAIR STRAINER**
[54] **CREPINE EXTERNE RETENANT LES CHEVEUX**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2018-05-07
[41] 2018-11-08
[30] US (62/502,975) 2017-05-08

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[51] **Int.Cl. E03C 1/266 (2006.01) E03C 1/22 (2006.01) E03C 1/262 (2006.01)**
[25] EN
[54] **GARBAGE DISPOSAL STOPPER/STRAINER**
[54] **BOUCHON/CREPINE D'ELIMINATION DES DECHETS**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2018-05-07
[41] 2018-11-08
[30] US (62/502,981) 2017-05-08

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[51] **Int.Cl. E03C 1/26 (2006.01) E03C 1/30 (2006.01)**
[25] EN
[54] **EXTERNAL HAIR STRAINER**
[54] **CREPINE EXTERNE RETENANT LES CHEVEUX**
[72] SCHUSTER, MICHAEL J., US
[71] DANCO, INC., US
[22] 2018-05-07
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[51] **Int.Cl. F21S 2/00 (2016.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21V 21/00 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **MODULAR LIGHT SYSTEM**
[54] **SYSTEME D'ECLAIRAGE MODULAIRE**
[72] XIANG, JUN, US
[72] KIM, JIWAN, KR
[71] MAXLITE, INC., US
[22] 2018-05-07
[41] 2018-11-08
[30] US (62/503,066) 2017-05-08

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[51] **Int.Cl. C08J 7/16 (2006.01) C08L 57/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING AN AQUEOUS DISPERSION OF POLYMERIC MICROSPHERES**
[54] **PROCEDE DE PREPARATION D'UNE DISPERSION AQUEUSE DE MICROSPHERES POLYMERIQUES**
[72] BESHAH, KEBEDE, US
[72] BOHLING, JAMES C, US
[72] ERYAZICI, IBRAHIM, US
[72] HARSH, PHILIP R, US
[72] MAJUMDAR, PARTHA S, US
[72] NUNGESSER, EDWIN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2018-05-07
[41] 2018-11-10
[30] US (62/558625) 2017-09-14
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[51] **Int.Cl. G16H 10/20 (2018.01) G16H 10/60 (2018.01)**
[25] EN
[54] **HEALTH CARE SYSTEM WITH INTERFACE FOR CHILDREN**
[54] **SYSTEME DE SOIN DE SANTE DOTE D'UNE INTERFACE DESTINEE AUX ENFANTS**
[72] MALAVIYA, SANJAY, CA
[72] MAXIMENKO, ILYA, CA
[72] CHIARELLI, ANTHONY, CA
[72] LAZOWSKI, MEREDITH, CA
[72] BACH, DAVID, CA
[71] RADICALOGIC TECHNOLOGIES, INC. DBA RL SOLUTIONS, CA
[22] 2018-05-04
[41] 2018-11-10
[30] US (62/504,316) 2017-05-10

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[51] **Int.Cl. A23L 33/105 (2016.01) A23L 5/43 (2016.01) A23L 27/10 (2016.01)**
[25] EN
[54] **MIXTURE OF STABILISED BIOLOGICALLY AVAILABLE CURCUMIN FOR ORODISPERSIBLE FORMULATIONS, FORMULATIONS OF BIOLOGICALLY AVAILABLE CURCUMIN, AND A ORODISPERSIBLE TABLET WITH BIOLOGICALLY AVAILABLE CURCUMIN AND ITS APPLICATION**
[54] **MELANGE DE CURCUMINE DISPONIBLE STABILISE BIOLOGIQUEMENT DESTINE A DES FORMULATIONS DISPERSIBLES, FORMULATIONS DE CURCUMINE DISPONIBLE BIOLOGIQUEMENT ET COMPRIME ORODISPERSIBLE COMPORTANT DE LA CURCUMINE DISPONIBLE BIOLOGIQUEMENT ET SON APPLICATION**
[72] STONIS, JAN, CZ
[72] MIKES, IVAN, CZ
[72] DOLEZALOVA, ANDREA, CZ
[72] KRALOVA, JARMILA, CZ
[72] JAKUBEK, MILAN, CZ
[72] MARTASEK, PAVEL, CZ
[72] KRAL, VLADIMIR, CZ
[71] MCEPHARMA S.R.O., CS
[71] IMCOPHARMA A.S, CZ
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[51] **Int.Cl. G01N 11/00 (2006.01) G01N 11/14 (2006.01)**
[25] EN
[54] **CYST FLUID VISCOSITY AS A MARKER FOR MALIGNANCY**
[54] **VISCOSITE DE FLUIDE DE KYSTE COMME MARQUEUR DE LA MALIGNITE**
[72] KHAMAYSI, IYAD, IL
[72] ZUSSMAN, EYAL, IL
[71] RAMBAM MED-TECH LTD., IL
[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL
[22] 2018-05-07
[41] 2018-11-07
[30] US (62/502,693) 2017-05-07

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[51] **Int.Cl. G01N 29/14 (2006.01) B64F 5/60 (2017.01) B64C 1/00 (2006.01) G01N 37/00 (2006.01) G01S 15/88 (2006.01)**
[25] EN
[54] **GRAPHENE-BASED NON-DESTRUCTIVE INSPECTION DEVICE AND RELATED METHOD**
[54] **DISPOSITIF D'INSPECTION NON DESTRUCTRICE A BASE DE GRAPHENE ET METHODE ASSOCIEE**
[72] BRELATI, ANTONIO, IT
[72] DEL GIUDICE, ROSARIO, IT
[72] ROMANO, TOMMASO, IT
[71] LEONARDO S.P.A., IT
[22] 2018-05-08
[41] 2018-11-09
[30] IT (102017000050174) 2017-05-09

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[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **TIBIAL TRAY WITH FIXATION FEATURES**
[54] **PLATEAU TIBIAL COMPORTANT DES FONCTIONNALITES DE FIXATION**
[72] HELDRETH, MARK A., US
[72] RUMPLE, DANNY W., JR., US
[72] HAINES, ALYSSA M., US
[72] MASON, J. BOHANNON, US
[71] DEPUY IRELAND UNLIMITED COMPANY, IE
[22] 2018-05-08
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[51] **Int.Cl. E06C 1/08 (2006.01) E06C 7/00 (2006.01)**
[25] EN
[54] **CEILING LADDER, DEEP STEP AND METHOD**
[54] **ECHELLE DE PLAFOND, MARCHE PROFONDE ET METHODE**
[72] WOODWARD, STEVE, US
[72] LESSNER, SHANNON, US
[72] PARKER, THOMAS, US
[71] WERNER CO., US
[22] 2018-05-08
[41] 2018-11-10
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[51] **Int.Cl. G01C 22/00 (2006.01) H04W 4/029 (2018.01) H04W 4/30 (2018.01)**
[25] EN
[54] **LOCAL LOCATION MAPPING METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE CARTOGRAPHIE DE POSITIONNEMENT LOCAL**
[72] STENNING, BRADEN, CA
[72] CLOAKE, MARTIN, CA
[71] RAVEN TELEMETRY INC., CA
[22] 2018-05-08
[41] 2018-11-09
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61M 25/095 (2006.01)**
[25] EN
[54] **LOCATION PAD WITH IMPROVED IMMUNITY TO INTERFERENCE**
[54] **COUSSINET DE POSITIONNEMENT DOTE D'IMMUNITE AMELIOREE CONTRE L'INTERFERENCE**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[41] 2018-11-10
[30] US (62/504,404) 2017-05-10
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[25] EN
[54] **AIRFIELD LIGHT**
[54] **ECLAIRAGE D'AERODROME**
[72] HUNTER, VIVIAN L., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-05-09
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[25] EN
[54] **AIRFIELD LIGHT**
[54] **ECLAIRAGE D'AERODROME**
[72] HUNTER, VIVIAN L., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-05-09
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[51] **Int.Cl. A47K 10/38 (2006.01) A47G 23/00 (2006.01) B65H 43/08 (2006.01) G01N 21/55 (2014.01) G01S 13/88 (2006.01)**
[25] EN
[54] **SHEET PRODUCT LEVEL SENSOR CALIBRATION AND INDICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODE D'ETALONNAGE ET D'INDICATION DE CAPTEUR DE NIVEAU DE PRODUIT DE TOLE**
[72] MURPHY, DAVID WARREN, US
[72] ORAM, DUANE DOUGLAS, III, US
[72] STANK, DAVID ARTHUR, US
[71] GPCP IP HOLDINGS LLC, US
[22] 2018-05-09
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[25] EN
[54] **DEVICES AND METHODS FOR DATA ACQUISITION IN RETAIL SALE SYSTEMS**
[54] **DISPOSITIFS ET METHODES D'ACQUISITION DES DONNEES DANS LES SYSTEMES DE VENTE AU DETAIL**
[72] HOBBS, JONATHAN, CA
[71] DATAMETREX LIMITED, CA
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[41] 2018-11-09
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[25] EN
[54] **LOCATION-SPECIFIC DIGITAL MEDIA ADVERTISING**
[54] **PUBLICITE MEDIA NUMERIQUE SPECIFIQUE A L'EMPLACEMENT**
[72] KOPANIKY, DAVID ALLEN, US
[72] LOCKHART, ADAM, US
[71] REFLECT SYSTEMS, INC., US
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[51] **Int.Cl. F24D 19/00 (2006.01) B60H 1/22 (2006.01) F23L 17/00 (2006.01) F24D 15/02 (2006.01) F24H 3/06 (2006.01)**
[25] EN
[54] **VEHICLE HEATER**
[54] **APPAREIL DE CHAUFFAGE DE VEHICULE**
[72] HUMBURG, MICHAEL, DE
[72] JENSEN, HANS, DE
[71] EBERSPACHER CLIMATE CONTROL SYSTEMS GMBH & CO. KG, DE
[22] 2018-05-09
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[25] EN
[54] **ADJUSTABLE SUPPORT COLUMN WITH UPLIFT-RESISTING ASSEMBLY**
[54] **COLONNE DE SUPPORT AJUSTABLE DOTEE D'UN ASSEMBLAGE RESISTANT AU SOULEVEMENT**
[72] KOSS, DEVON, CA
[72] FISHER, TONY, CA
[72] NEJATI, MOHSEN, CA
[72] BOUCHER, MICHEL, CA
[72] WADW, GARY, CA
[72] KOSS, VALERIE, CA
[71] WESTERN SULFUR REMELTERS LTD., CA
[22] 2018-05-10
[41] 2018-11-10
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[13] A1
[51] **Int.Cl. B65G 69/02 (2006.01) B65G 67/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO REDUCE VOLUME OCCUPIED BY DRY PATICULATE COMMODITES DURING TRANSPORATION OR STORAGE**
[54] **METHODE ET APPAREIL DE REDUCTION DU VOLUME OCCUPE PAR DES PRODUITS DE PARTICULES SECHES PENDANT LE TRANSPORT OU L'ENTREPOSSAGE**
[72] HODGE, WILLIAM E., CA
[71] HODGE, WILLIAM E., CA
[22] 2018-06-13
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[30] US (62/503,784) 2017-05-09

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[54] **MULTIPLE TAPERED THREADED CONNECTION**
[54] **RACCORD FILETE A MULTIPLE AMINCISSEMENT**
[72] CAMPBELL, STEVEN LEE, CA
[71] COMPLETE GROUP TECHNOLOGIES LTD., CA
[22] 2018-07-10
[41] 2018-11-09
[30] CA (2,984,826) 2017-11-07

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[51] **Int.Cl. B23Q 11/10 (2006.01)**
[25] EN
[54] **METHOD FOR SUPPLYING CUTTING OIL**
[54] **METHODE DE DISTRIBUTION D'HUILE DE COUPE**
[72] TAKAKUWA, HIROAKI, JP
[72] HIROSE, RYUJI, JP
[72] ARAKAWA, HIROSHI, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[51] **Int.Cl. H01J 61/52 (2006.01) H01J 61/04 (2006.01) H01J 61/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTENDING A LIFESPAN OF AN EXCIMER LAMP**
[54] **SYSTEMES ET METHODES DE PROLONGATION DE LA DUREE UTILE D'UNE LAMPE A EXCIMERE**
[72] BROCKSCHMIDT, ARTHUR E., JR, US
[71] THE BOEING COMPANY, US
[22] 2018-09-05
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[51] **Int.Cl. H04W 4/029 (2018.01) H04W 56/00 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM OF CROWD-SOURCED PEDESTRIAN LOCALIZATION**
[54] **METHODE ET SYSTEME DE LOCALISATION DE PIETON ISSUE D'INFORMATION FOURNIE PAR LA FOULE**
[72] BAVAND, MAJID, CA
[72] HUBERMAN, SEAN, CA
[72] NAGPAL, PARAMVIR SINGH, CA
[72] GULO, EROS, CA
[71] MAPSTED CORP., CA
[22] 2018-09-07
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[54] **SYSTEM FOR CONTINUOUS CAKY STARTER PRODUCTION AND METHOD FOR MAKING CAKY STARTER**
[54] **SYSTEME DE PRODUCTION CONTINUE DE DEMARREUR DE GALETTE ET METHODE DE FABRICATION DE DEMARREUR DE GALETTE**
[72] WU, JUAN, CN
[72] GAO, GUIJUN, CN
[72] CUI, GONGJUN, CN
[72] KOU, YANFEI, CN
[72] WEI, YAOCHENG, CN
[72] FAN, SHUYUN, CN
[72] XUE, JIABAO, CN
[71] TAIYUAN UNIVERSITY OF TECHNOLOGY, CN
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[54] **END MILL HAVING TEETH AND ASSOCIATED FLUTES WITH CORRELATED PHYSICAL PARAMETERS**
[54] **FRAISE EN BOUT COMPORTANT DES DENTS ET DES CANNELURES ASSOCIEES A PARAMETRES PHYSIQUES CORRELES**
[72] SHPIGELMAN, LEONID, IL
[71] ISCAR LTD., IL
[85] 2018-03-29
[86] 2016-07-25 (PCT/IL2016/050811)
[87] (WO2017/064694)
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[54] **BAGS WITH REINFORCED HANDLES AND RELATED METHODS**
[54] **SACS DOTES DE POIGNEES RENFORCEES ET METHODES ASSOCIEES**
[72] REEVES, RODNEY A., US
[72] BREBION, MINI A., US
[71] COVERIS HOLDING CORP., US
[85] 2018-06-21
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[87] (3009038)
[30] US (15/875,597) 2018-01-19
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[25] EN
[54] **THERAPEUTIC INDUCTION OF TOLERANCE USING RECOMBINANT CELL SURFACE ANTIGENS**
[54] **INDUCTION THERAPEUTIQUE DE TOLERANCE A L'AIDE D'ANTIGENES DE SURFACE CELLULAIRE DE RECOMBINAISON**
[72] ZIMRING, JAMES CHARLES, US
[71] BLOODWORKS, US
[85] 2018-08-08
[86] 2017-02-13 (PCT/US2017/017706)
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[51] **Int.Cl. D06M 15/00 (2006.01)**
[25] EN
[54] **ELECTROCONDUCTIVE COATING**
[54] **REVETEMENT ELECTROCONDUCTEUR**
[72] ABULA, MAHEMUTI, US
[71] EEONYX CORPORATION, US
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[25] EN
[54] **CYCLIC REDUNDANCY CHECK FOR ELECTRONIC DISPLAYS**
[54] **CONTROLE DE REDONDANCE CYCLIQUE POUR AFFICHEURS ELECTRONIQUES**
[72] DUNN, WILLIAM, US
[72] HAMILTON, SCOTT, US
[72] WILLIAMS, DAVID, US
[72] FRASCHILLA, GERALD, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2018-08-23
[86] 2017-03-22 (PCT/US2017/023624)
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC MUSCLE MOVEMENT DETECTION**
[54] **SYSTEME ET PROCEDE DE DETECTION AUTOMATIQUE D'UN MOUVEMENT MUSCULAIRE**
[72] DYER, KELLY NOEL, CA
[72] SELA, GAL, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] CHEN, SEAN JY-SHYANG, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] KERINS, FERGAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
[54] **STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT AND METHOD OF RETROFITTING STRUCTURE ADAPTED TO TRAVERSE A FLUID ENVIRONMENT**
[54] **STRUCTURE CONCUE POUR TRAVERSER UN ENVIRONNEMENT FLUIDE ET PROCEDE DE RENOVATION D'UNE STRUCTURE CONCUE POUR TRAVERSER UN ENVIRONNEMENT FLUIDE**
[72] CHURCH, RYAN, CA
[71] CHURCH, RYAN, CA
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[54] **DETENDEUR ROTATIF**
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[72] SLEIMAN, BUCK, CA
[72] LABA, ANDRE SARKIS, CA
[72] LABA, JESSIE JOSEPH, CA
[71] VENGEANCE POWER INC., CA
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[54] **MID-WHEEL TILT-IN-SPACE MANUAL WHEELCHAIR WITH CONSTANT SHOULDER POSITION**
[54] **FAUTEUIL ROULANT MANUEL INCLINABLE DANS L'ESPACE A ROUE CENTRALE MUNI D'UNE POSITION D'EPAULE CONSTANTE**
[72] ST-CYR, ALEXANDRE, CA
[72] LESSARD, JEAN-LUC, CA
[71] LES EQUIPEMENTS ADAPTES PHYSIPRO INC., CA
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[54] **SYSTEMS AND METHODS FOR DISTRIBUTED DATA SHARING WITH ASYNCHRONOUS THIRD-PARTY ATTESTATION**
[54] **SYSTEMES ET PROCEDES POUR LE PARTAGE DE DONNEES DISTRIBUEES AVEC ATTESTATION DE TIERS ASYNCHRONE**
[72] VARLEY, MICHAEL, CA
[72] RONDA, TROY JACOB, CA
[72] BARINOV, DMITRY, CA
[72] WOLFOND, GREGORY HOWARD, CA
[72] ROBERGE, PIERRE ANTOINE, CA
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[54] **SYSTEMS AND METHODS FOR DISTRIBUTED IDENTITY VERIFICATION**
[54] **SYSTEMES ET PROCEDES DE VERIFICATION D'IDENTITE DISTRIBUEE**
[72] RONDA, TROY JACOB, CA
[72] ROBERGE, PIERRE ANTOINE, CA
[72] BARINOV, DMITRY, CA
[72] VARLEY, MICHAEL, CA
[72] STARK, DAVID ALEXANDER, CA
[72] WOLFOND, GREGORY HOWARD, CA
[72] LIKIC, ALEKSANDAR, CA
[72] PAGE, MICHAEL JOHN, CA
[71] SECUREKEY TECHNOLOGIES INC., CA
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[54] **TERMINAL DE POINT DE VENTE**
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[72] CIUBOTARU, BOGDAN, IE
[72] CIOARGA, RAZVAN, RO
[72] PESCARU, DAN, RO
[72] VASILE, GUI, RO
[72] PARVU, OVIDIU, RO
[72] DAVID, CIPRIAN PETRU, RO
[72] SACRIERU, CONSTANTIN PETRU, RO
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[54] **CAPUCHON D'ACTIONNEMENT AMOVIBLE DESTINE A ETRE UTILISE AVEC UN ENSEMBLE AUTO-INJECTEUR**
[72] DURVASULA, ASHRITHA, US
[72] CARTER, MARY, US
[72] CHAGNON, JEFFREY THOMAS, US
[72] CONSTANTINEAU, COLE, US
[72] STEPANIAN, CHRIS, US
[72] STANDLEY, ADAM, US
[72] BUCHINE, BRENT, US
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[54] **PROCEDE DE FABRICATION D'UN CORPS CONTENANT DU CARBURE DE SILICIUM**
[72] GREULICH-WEBER, SIEGMUND, DE
[71] UNIVERSITAT PADERBORN, DE
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[54] **POROUS SILICON MICROPARTICLE-BASED CANCER VACCINES AND METHODS FOR POTENTIATING ANTI-TUMORAL IMMUNITY**
[54] **VACCINS ANTICANCEREUX A BASE DE MICROPARTICULES DE SILICIUM POREUX ET PROCEDES DE POTENTIALISATION DE L'IMMUNITE ANTI-TUMORALE**
[72] SHEN, HAIFA, US
[72] XIA, XIAOJUN, US
[72] FERRARI, MAURO, US
[71] THE METHODIST HOSPITAL, US
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[54] **METHOD FOR EVALUATING ARTICULAR JOINT THERAPEUTICS**
[54] **PROCEDE D'EVALUATION D'AGENTS THERAPEUTIQUES POUR ARTICULATIONS**
[72] RUFF, KEVIN J., US
[71] ESM TECHNOLOGIES, LLC, US
[71] RUFF, KEVIN J., US
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[54] **EBAUCHE POUR FORMER UN DISPOSITIF PORTEUR D'ARTICLES**
[72] KOOC, LINH L., US
[72] CAMERON, WAYNE A., US
[72] MILLER, DAVID W., US
[72] SIMMONS, STEPHEN G., US
[72] GREY, CASEY P., US
[72] ALLIN, MEREDITH W., US
[72] WALLING, BRADFORD J., US
[72] ZACHERLE, MATTHEW E., US
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[54] **ANALOGUES D'OLIGONUCLEOTIDE CIBLANT LMNA HUMAIN**
[72] ERDOS, MICHAEL R., US
[72] COLLINS, FRANCIS S., US
[72] CAO, KAN, US
[72] KOLE, RYSZARD, US
[72] BESTWICK, RICHARD KEITH, US
[72] GORDON, LESLIE B., US
[71] SAREPTA THERAPEUTICS, INC., US
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[71] UNIVERSITY OF MARYLAND, US
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[54] **HUMANIZED ANTI-BASIGIN ANTIBODIES AND THE USE THEREOF**
[54] **ANTICORPS HUMANISES ANTI-BASIGINE ET LEUR UTILISATION**
[72] CHEN, ZHINAN, CN
[72] ZHU, PING, CN
[72] HUANG, WAN, CN
[72] ZHANG, ZHENG, CN
[72] ZHANG, YANG, CN
[72] ZHANG, MENGYAO, CN
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[25] EN
[54] **AN APPARATUS AND SYSTEM FOR ACQUIRING DATA FROM BONES AND JOINTS, PLAN SURGERY AND MANUFACTURE INSTRUMENTS OR IMPLANTS**
[54] **APPAREIL ET SYSTEME D'ACQUISITION DE DONNEES A PARTIR D'OS ET D'ARTICULATIONS, PLANIFICATION DE CHIRURGIE ET FABRICATION D'INSTRUMENTS OU D'IMPLANTS**
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[51] **Int.Cl. A47L 15/00 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **NEW DISHWASHING MACHINE AND METHOD**
[54] **NOUVEAU LAVE-VAISSELLE ET PROCEDE**
[72] BUOGO, ALBERTO, GB
[72] COUSER, CALLUM, DE
[72] DIERKES, FRANK, DE
[72] PFLUG, JORG, DE
[72] MOHRHARD, KARL-HEINZ, DE
[72] RIGOBERT, CAROLINE, DE
[71] RECKITT BENCKISER FINISH B.V., NL
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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 15/00 (2006.01)**
[25] EN
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[54] **POSTE DE COMMANDE D'UN OPERATEUR DE FORAGE**
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **OUTIL DE SERTISSAGE HYDRAULIQUE EN LIGNE**
[72] WASON, PETER MATTHEW, US
[72] LEFAVOUR, JOHN, US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. A61N 5/06 (2006.01) A61B 18/22 (2006.01)**
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[54] **NAVIGATION ET THERMOMETRIE LOCALE**
[72] JACOBSEN, BRAD, US
[72] BZOSTEK, ANDREW, US
[72] DUNFORD, DANIEL, US
[72] EWING, BENJAMIN D., US
[72] GHANEI, AMIR, US
[72] WILSON, BRYAN, US
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[54] **DISPLAY SYSTEMS AND METHODS FOR A RECREATIONAL VEHICLE**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE POUR VEHICULE DE LOISIRS**
[72] JAREK, RICHARD L., US
[72] KOOSMAN, ADAM C., US
[72] QUADE, NEIL P., US
[72] BREITENFELDT, MELISSA S., US
[72] KRUGER, STEVEN F., US
[72] EDEL, JOSHUA L., US
[72] FELDMAN, JOHN E., US
[72] SONG, MICHAEL M., US
[72] CHRISTOPH, RICHARD L., US
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[54] **FUSIBLE DE CYCLE EN LIGNE**
[72] EIHUSEN, JOHN, US
[71] HEXAGON TECHNOLOGY AS, NO
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[51] **Int.Cl. A61K 36/906 (2006.01) A61P 3/00 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **METHOD MAINTAINING IRON HOMEOSTASIS WITH SHOGAOLS**
[54] **METHODE PERMETTANT DE MAINTENIR L'HOMEOSTASIE DU FER A L'AIDE DE SHOGAOLS**
[72] BADMAEV, VLADIMIR, US
[71] BADMAEV, VLADIMIR, US
[85] 2018-10-29
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[51] **Int.Cl. G01S 11/02 (2010.01)**
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[54] **DETECTING MOTION BASED ON REFERENCE SIGNAL TRANSMISSIONS**
[54] **DETECTION DE MOUVEMENT SUR LA BASE DE TRANSMISSION DE SIGNAL DE REFERENCE**
[72] PIAO, YUNFENG, CA
[72] ZAKHAROV, MIKHAIL ALEXAND, CA
[72] NOGUEIRA, MARCO PAULO DOS SANTOS, CA
[72] DEVISON, STEPHEN ARNOLD, CA
[72] OMER, MOHAMMAD, CA
[71] COGNITIVE SYSTEMS CORP., CA
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[54] **BOISSONS CONTENANT DU BETA-GLUCANE D'ORGE**
[72] MOLLER, BIRTHE, DK
[72] MIKKELSEN, METTE SKAU, DK
[72] JENSEN, MORTEN GEORG, DK
[72] GOJKOVIC, ZORAN, DK
[71] CARLSBERG BREWERIES A/S, DK
[71] UNIVERSITY OF COPENHAGEN, DK
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[25] EN
[54] **CONTAINMENT FOR HOT ISOSTATIC PRESSING AND VACUUM DEGASSING APPARATUS**
[54] **ENCEINTE DE CONFINEMENT POUR COMPRESSION ISOSTATIQUE A CHAUD ET APPAREILDE DEGAZAGE SOUS VIDE**
[72] ARCHER, GEOFFREY FREDERICK, GB
[71] ADVANCED INTERACTIVE MATERIALS SCIENCE LIMITED, GB
[85] 2018-10-29
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[30] GB (1607512.9) 2016-04-29

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[51] **Int.Cl. A47L 13/16 (2006.01)**
[25] EN
[54] **CLEANING ARTICLES INCLUDING SCOURING BODIES THAT FORM PRINTED INSTRUCTIONS**
[54] **ARTICLES DE NETTOYAGE COMPRENANT DES CORPS DE RECURAGE QUI FORMENT DES INSTRUCTIONS IMPRIMEES**
[72] GORRELL, MATTHEW W., US
[72] RAITHEL, DAVID C., US
[72] CARLSON, LAUREN K., US
[72] GARDNER, JAMES P., JR., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. A61K 47/69 (2017.01) A61K 41/00 (2006.01) A61M 37/00 (2006.01)**
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[54] **OPTICAL FIBER AND DEVICE FOR RELEASING MOLECULES**
[54] **FIBRE OPTIQUE ET DISPOSITIF DE LIBERATION DE MOLECULES**
[72] ALIBERTI, ANNA, IT
[72] CUSANO, ANDREA, IT
[72] CUTOLO, ANTONELLO, IT
[72] RUVO, MENOTTI, IT
[71] ALIBERTI, ANNA, IT
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF DIAMINOPHENOTHIAZINIUM COMPOUNDS HAVING AHIGH DEGREE OF PURITY**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES DE DIAMINOPHENOTHIAZINIUM A DEGRE DE PURETE ELEVE**
[72] COLOMBO, MATTEO, IT
[72] DAVERIO, PAOLA, IT
[72] BORRELLI, STELLA, IT
[71] ICROM S.P.A., IT
[85] 2018-10-29
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[51] **Int.Cl. G01C 11/06 (2006.01)**
[25] EN
[54] **A METHOD FOR IMPROVING POSITION INFORMATION ASSOCIATED WITH A COLLECTION OF IMAGES**
[54] **PROCEDE D'AMELIORATION D'INFORMATIONS DE POSITION ASSOCIEES A UN ENSEMBLE D'IMAGES**
[72] BROERE, JONATHAN EMMANUEL ALLAN, NL
[72] SWART, ARJEN, NL
[72] SPOEL, CORNELIS WILLEM JOHANNES IMMANUEL, NL
[72] BEERS, BART JOHANNES, NL
[71] CYCLOMEDIA TECHNOLOGY B.V., NL
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[54] **FRACTURING SYSTEM WITH FLEXIBLE CONDUIT**
[54] **SYSTEME DE FRACTURATION A CONDUIT FLEXIBLE**
[72] GUIDRY, KIRK P., US
[71] CAMERON TECHNOLOGIES LIMITED, NL
[85] 2018-10-29
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[30] US (62/330,188) 2016-05-01

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[51] **Int.Cl. B65B 11/02 (2006.01) B65B 11/04 (2006.01) B65B 41/16 (2006.01)**
[25] EN
[54] **AUTOMATIC ROLL CHANGE FOR STRETCH WRAPPING MACHINE**
[54] **CHANGEMENT AUTOMATIQUE DE ROULEAU POUR MACHINE D'EMBALLAGE SOUS FILM ETIRABLE**
[72] JOHNSON, RICHARD L., US
[72] MARTIN, CURTIS W., US
[72] MCCRAY, JEREMY D., US
[71] LANTECH.COM, LLC, US
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MULTIPLEXED OPTIMIZED MISMATCH AMPLIFICATION (MOMA)-TARGET NUMBER**
[54] **NOMBRE DE CIBLES PAR AMPLIFICATION DE MESAPPARIEMENT (MOMA) OPTIMISEE MULTIPLEXEE (MOA)**
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[72] STAMM, KARI, US
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[72] CAPAUL, JENNIFER A., US
[72] AUGUSTYN, CHRISTINA, US
[71] HOLLISTER INCORPORATED, US
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[54] **PROCEDES DE CAPTURE D'ADN METHYLE ACELLULAIRE, ET UTILISATIONS DESDITS PROCEDES**
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[72] SHEN, SHU YI, CA
[72] SINGHANIA, RAJAT, CA
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[72] ROY, YVES, CA
[72] ASHFIELD, JENNIFER, CA
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[71] MANNIN RESEARCH INC., CA
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[54] **DISPOSITIF D'ACCOUPLEMENT POUR RACCORDER DES SEGMENTS DE CONDUITES DE MANIERE LIBERABLE**
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[54] **CELLULES GENETIQUEMENT MODIFIEES ET LEURS PROCEDES DE FABRICATION**
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[72] WELSTEAD, G. GRANT, US
[72] BUMCROT, DAVID A., US
[72] FRIEDLAND, ARI E., US
[72] JONES, JON, US
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[54] **FLUIDE DE FORAGE POUR FORAGE PAR ELECTRO-CONCASSAGE EN FOND DE TROU**
[72] VAN SLYKE, DONALD CURTIS, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND DEVICE FOR SEARCHING FOR ELECTRONIC TRANSACTION CERTIFICATE, AND NETWORK SEARCH ENGINE**
[54] **PROCEDE ET DISPOSITIF DE RECHERCHE DE CERTIFICAT DE TRANSACTION ELECTRONIQUE, ET MOTEUR DE RECHERCHE EN RESEAU**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
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[54] **METHODES DE DIAGNOSTIC D'INFECTIONS BACTERIENNES ET VIRALES**
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[72] SWEENEY, TIMOTHY E., US
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[54] **POINCON DESTINE A DES MOULES DE COMPRESSION**
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[54] **METHOD FOR SEARCHING FOR ELECTRONIC TRANSACTION CERTIFICATE, AND ELECTRONIC TRANSACTION TERMINAL**
[54] **PROCEDE POUR RECHERCHER UN CERTIFICAT DE TRANSACTION ELECTRONIQUE, ET TERMINAL DE TRANSACTION ELECTRONIQUE**
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[54] **SYSTEME ET PROCEDE DE DEPLOIEMENT SISMIQUE SOUTERRAIN**
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[72] OLIVIER, ANDRE W., US
[72] SCHNEIDER, CURT, US
[71] ION GEOPHYSICAL CORPORATION, US
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[54] **FLUIDES DE TRAITEMENT DESTINES A LA STIMULATION DE FORMATIONS SOUTERRAINES**
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[72] ELURU, SAIRAM, IN
[72] REYES, ENRIQUE ANTONIO, US
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[54] **SURFACES MODIFIEES PAR COVALENCE, KITS ET PROCEDES DE PREPARATION ET D'UTILISATION**
[72] LOWE, RANDALL D., JR., US
[72] MASTROIANNI, ALEXANDER J., US
[72] WHITE, MARK P., US
[72] LAVIEU, GREGORY G., FR
[72] BEAUMONT, KRISTIN G., US
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[54] **PROCEDE DE FABRICATION DE BEIGNETS NON FRITS**
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[72] DEDIEU, GERALDINE, FR
[71] ROQUETTE FRERES, FR
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[54] **PROCEDE ET DISPOSITIF DE GENERATION DE PAGE DE CERTIFICAT DE TRANSACTION ELECTRONIQUE, ET SUPPORT D'INFORMATIONS**
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[54] **SYSTEME DE CUVE DE DIGESTION A HAUTE PRESSION HAUTE TEMPERATURE COMPORTANT UN JOINT A DOUBLE ACTION**
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[72] HARGETT, WYATT P., III, US
[71] CEM CORPORATION, US
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[54] **PROCEDES ET APPAREIL POUR FOURNIR UNE ATTESTATION D'INFORMATIONS A L'AIDE D'UN GRAND LIVRE CENTRALISE OU DISTRIBUE**
[72] SMITH, JONATHAN ROBERT, US
[72] LINGHAM, VINODAN KARTHIKEYA, US
[72] DRISCOLL, JOHN, US
[72] FRASER, IAIN CHARLES, US
[71] CIVIC TECHNOLOGIES, INC., US
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[54] **PROCEDE DE PREPARATION D'ORGANOPOLYSILOXANES AVEC DES FONCTIONS (METH)ACRYLATES**
[72] MALIVERNEY, CHRISTIAN, FR
[72] BACHIR, HASSENE, FR
[71] ELKEM SILICONES FRANCE SAS, FR
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[54] **COUPLAGE A RESSORT**
[72] BOWMAN, MATTHEW A., US
[72] BANCROFT, PHILIP WAYNE, US
[72] MADARA, SCOTT D., US
[72] YOVANOVICH, KATHRYN, US
[72] SAVAGE, THOMAS C., US
[71] VICTAULIC COMPANY, US
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[54] **EVALUATION DES PROPRIETES MECANIQUES DE FORMATION PAR RESONANCE MAGNETIQUE**
[72] PRASAD, UMESH, US
[72] PERUMALLA, SATYA, US
[72] MOOS, DANIEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **PROCEDE ET APPAREIL AMELIORES D'EXTRACTION D'HUILES BOTANIQUES**
[72] THOMAS, C. RUSSELL, US
[71] NATURAL EXTRACTION SYSTEMS, LLC, US
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[54] **METHOD OF ENHANCING VIRAL-MEDIATED GENE DELIVERY IN THE EYE USING PROTEOSOME INHIBITORS**
[54] **PROCEDE D'AMELIORATION DE L'ADMINISTRATION DANS L'OEIL, D'UN GENE PAR L'INTERMEDIAIRE D'UN VIRUS A L'AIDE D'INHIBITEURS DE PROTEOSOMES**
[72] PAN, ZHUO-HUA, US
[72] CUI, SHENGJIE, US
[72] ABRAMS, GARY, US
[71] WAYNE STATE UNIVERSITY, US
[71] PAN, ZHUO-HUA, US
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[54] **SYSTEME ET PROCEDE DE MELANGE DE CANAUX DE REACTIFS**
[72] DREWS, BRADLEY KENT, US
[72] WANG, MICHAEL DAI, US
[72] ULMANELLA, UMBERTO, US
[72] CLARK, STEPHEN WAYNE, US
[72] WHITACRE, JOHANNA LYNN, US
[72] PHELPS, STEVEN SCOTT, US
[72] ALVAREZ, MICHELLE L., US
[72] NIZIOLEK, MICHAEL ADALBERT, US
[72] BRYAN, DEBRA SUE, US
[72] DARLAND, JOSHUA AUGUSTIN, US
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[54] **POLYPEPTIDES DE FUSION CD40L-FC ET PROCEDES D'UTILISATION ASSOCIES**
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[72] DRABIC, STACEY, US
[72] EMTAGE, PETER, US
[72] HERBST, RONALD, US
[71] MEDIMMUNE, LLC, US
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[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS, ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS**
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[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[72] DUELL, EDWARD G., US
[72] NAGLE, PAUL A., US
[71] JACOBS TECHNOLOGY INC., US
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[54] **STRUCTURES METALLIQUES REVETUES D'ACIER ET LEURS PROCEDES DE FABRICATION**
[72] ABERNATHY, MARK SCOTT, US
[72] ROBINSON, MARLON EDWIN, US
[71] BULL MOOSE TUBE COMPANY, US
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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVES WITH ELASTIC SUPPORT STRUCTURES AND RELATED METHODS**
[54] **VALVULES CARDIAQUES PROTHETIQUES DOTEES DE STRUCTURES DE SUPPORT ELASTIQUES ET METHODES ASSOCIEES**
[72] BEITH, JASON G., US
[71] FOLDAX, INC., US
[85] 2018-10-30
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[51] **Int.Cl. E05F 5/00 (2017.01) E05F 3/00 (2006.01) F16F 9/06 (2006.01) F16F 9/18 (2006.01)**
[25] EN
[54] **COMPACT CLAMP FOR SLIDING GLASS DOORS WITH INCORPORATED DAMPER**
[54] **PINCE COMPACTE POUR PORTES COULISSANTES EN VERRE AVEC AMORTISSEUR INTEGRE**
[72] TORRABIAS CANTAL, OSCAR, ES
[71] TORRABIAS CANTAL, OSCAR, ES
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[25] EN
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[54] **VETEMENT DE TRAITEMENT MEDICAL EMPECHANT LE PATIENT D'ACCEDER A LA PLAIE APRES UNE OPERATION ET UNE LESION**
[72] YARAMANCI, EMIRHAN, TR
[71] YARAMANCI, EMIRHAN, TR
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[86] 2016-06-29 (PCT/TR2016/050201)
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[25] EN
[54] **METHOD AND DEVICE FOR OBTAINING ELECTRONIC TRANSACTION CERTIFICATE, MULTIMEDIA PLAYER, AND STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF D'OBTENTION DE CERTIFICAT DE TRANSACTION ELECTRONIQUE, LECTEUR MULTIMEDIA ET SUPPORT DE STOCKAGE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-10-30
[86] 2015-04-30 (PCT/CN2015/077915)
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[25] EN
[54] **CONNECTION DEVICE, IN PARTICULAR IN THE FORM OF A HOSE COUPLING**
[54] **DISPOSITIF DE LIAISON, EN PARTICULIER SOUS LA FORME D'UN RACCORD DE TUYAUX**
[72] MULLER, BERNHARD, DE
[71] EISELE PNEUMATICS GMBH & CO. KG, DE
[85] 2018-10-30
[86] 2017-03-29 (PCT/EP2017/000382)
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[25] EN
[54] **TRISPECIFIC ANTIBODIES AGAINST IL-17A, IL-17F AND OTHER PROINFLAMMATORY MOLECULE**
[54] **ANTICORPS TRISPECIFIQUE ANTI IL-17A, IL-17F ET UNE AUTRE MOLECULE ANTI-INFLAMMATOIRE**
[72] MOROZOV, DMITRY VALENTINOVICH, RU
[72] ULITIN, ANDREI BORISOVICH, RU
[72] ZUBAREVA, EKATERINA SERGEEVNA, RU
[72] USTIUGOV, IAKOV IUREVICH, RU
[72] KARABELSKII, ALEKSANDR VLADIMIROVICH, RU
[72] KORZHAVIN, DMITRY VALERYEVICH, RU
[72] CHERNOVSKAYA, TATIANA VENIAMINOVNA, RU
[72] GRACHEV, ALEKSANDR VALEREVICH, RU
[72] BASOVSKIY, YURY IVANOVICH, RU
[72] LOMKOVA, EKATERINA ALEKSANDROVNA, RU
[72] USATOVA, VERONIKA SERGEEVNA, RU
[72] ALEKSANDROV, ALEKSEI ALEKSANDROVICH, RU
[72] MOROZOVA, ELENA LEONIDOVNA, RU
[72] IVANOV, ROMAN ALEKSEEVICH, RU
[72] IAKOVLEV, PAVEL ANDREEVICH, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
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[51] **Int.Cl. B21D 7/02 (2006.01) B23P 15/00 (2006.01) F16L 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A BENT TUBULAR CONNECTION ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE RACCORDEMENT TUBULAIRE CINTRE**
[72] MULLER, BERNHARD, DE
[71] EISELE PNEUMATICS GMBH & CO. KG, DE
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[54] **HER-2 BINDING ANTIBODIES**
[54] **ANTICORPS SE LIANT A HER-2**
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[72] BRANDT, MICHAEL, DE
[71] MAB DISCOVERY GMBH, DE
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[86] 2017-05-08 (PCT/EP2017/060935)
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[51] **Int.Cl. F41A 9/82 (2006.01) F42B 39/00 (2006.01) F42B 39/26 (2006.01)**
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[54] **A CARTRIDGE PACKAGE**
[54] **EMBALLAGE DE CARTOUCHE**
[72] PARTANEN, SEPPO SAKARI, FI
[71] VENANDI OY, FI
[85] 2018-10-30
[86] 2017-05-08 (PCT/FI2017/050352)
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[51] **Int.Cl. H04L 12/403 (2006.01)**
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[54] **METHOD FOR INTEGRATING A FURTHER BUS SUBSCRIBER INTO A BUS SYSTEM, AND BUS SYSTEM**
[54] **PROCEDE D'INTEGRATION D'UN AUTRE ABONNE DE BUS DANS UN SYSTEME DE BUS, ET SYSTEME DE BUS**
[72] FUCHS, MANUEL, DE
[71] SEW-EURODRIVE GMBH & CO. KG, DE
[85] 2018-10-30
[86] 2017-02-02 (PCT/EP2017/025017)
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING THE USEFULNESS OF PROTEINS OR PROTEIN FRAGMENTS FOR IMMUNOTHERAPY**
[54] **PROCEDES DE PREDICTION DE L'UTILITE DE PROTEINES OU DE FRAGMENTS DE PROTEINES POUR L'IMMUNOTHERAPIE**
[72] VORMEHR, MATHIAS, DE
[72] SAHIN, UGUR, DE
[72] SCHRORS, BARBARA, DE
[72] LOWER, MARTIN, DE
[72] BOEGEL, SEBASTIAN, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
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[51] **Int.Cl. G02B 1/04 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING SILICONE HYDROGEL CONTACT LENSES HAVING REDUCED RATES OF EVAPORATION**
[54] **PROCEDE DE FABRICATION DE LENTILLES DE CONTACT EN HYDROGEL DE SILICONE A TAUX D'EVAPORATION REDUITS**
[72] RICHARDSON, PAUL, US
[72] KEIR, NANCY J., US
[72] SHI, XINFENG, US
[72] MUN, JAMES, US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[51] **Int.Cl. C08F 220/32 (2006.01) C09J 133/06 (2006.01)**
[25] EN
[54] **WATER VAPOR-BLOCKING ADHESIVE COMPOUND HAVING HIGHLY FUNCTIONALIZED POLY(METH)ACRYLATE**
[54] **MASSE ADHESIVE FAISANT BARRIERE A LA VAPEUR D'EAU, COMPRENANT DU POLY(METH)ACRYLATE HAUTEMENT FONCTIONNALISE**
[72] DOLLASE, THILO, DE
[72] GARGIULO, JESSIKA, DE
[72] KUPSKY, MARCO, DE
[72] WEDEL, BASTIAN, DE
[71] TESA SE, DE
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **HUMANIZED ANTI-IL-1R3 ANTIBODIES**
[54] **ANTICORPS ANTI-IL-1 R3 HUMANISES**
[72] FISCHER, STEPHAN, DE
[72] BRANDT, MICHAEL, DE
[71] MAB DISCOVERY GMBH, DE
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[51] **Int.Cl. G01R 15/20 (2006.01) G01R 1/04 (2006.01) G01R 19/00 (2006.01)**
[25] EN
[54] **BUSBAR CURRENT SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR DE COURANT DE BARRE OMNIBUS**
[72] HANLEY, KEVIN FRANCIS, US
[72] SNYDER, THOMAS, US
[71] SAFRAN ELECTRICAL & POWER, FR
[85] 2018-10-29
[86] 2017-04-13 (PCT/US2017/027484)
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[30] US (62/331,589) 2016-05-04

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE SIGNAL, DISPOSITIF DE RESEAU ET DISPOSITIF TERMINAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2018-10-29
[86] 2016-05-12 (PCT/CN2016/081880)
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[51] **Int.Cl. B65D 83/08 (2006.01) A61B 42/10 (2016.01) A61B 42/40 (2016.01) A61B 42/50 (2016.01) A41D 19/015 (2006.01) A47G 25/92 (2006.01)**
[25] EN
[54] **DISPOSABLE GLOVE AND GLOVE DISPENSING APPARATUS**
[54] **GANT JETABLE ET APPAREIL DE DISTRIBUTION DE GANTS**
[72] BAYLY, MARK, AU
[72] ROSEVEAR, MICHELLE, AU
[72] BAKER, LEE, AU
[72] BACKHAUS, STEPHEN, AU
[71] GLOVEMATIC PTY LIMITED, AU
[85] 2018-10-29
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[51] **Int.Cl. A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL ELECTRICAL CLEANING DEVICE**
[54] **DISPOSITIF ELECTRIQUE DE NETTOYAGE BUCCAL**
[72] LEVI, BENZION, IL
[71] LEVI, BENZION, IL
[85] 2018-10-30
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[51] **Int.Cl. F16F 15/315 (2006.01) F16F 15/30 (2006.01) H02K 5/04 (2006.01) H02K 5/08 (2006.01) H02K 7/02 (2006.01)**
[25] EN
[54] **CONTAINING A FIELD OF FLYWHEEL ENERGY STORAGE UNITS**
[54] **CONFINEMENT D'UN CHAMP D'UNITES DE STOCKAGE D'ENERGIE A VOLANT D'INERTIE**
[72] BAKHOLDIN, DANIEL, US
[72] SANDERS, SETH, US
[72] CHIAO, EDWARD, US
[72] STOUT, MARK, US
[72] SENESKY, MATTHEW, US
[72] GARTEN, MATTHEW, US
[72] HOLLOWAY, MARK, US
[71] AMBER KINETICS, INC., US
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[86] 2017-05-01 (PCT/US2017/030453)
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[30] US (62/330,838) 2016-05-02

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[51] **Int.Cl. A61M 16/08 (2006.01) G01F 23/292 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING LIQUID LEVEL IN A CLEAR OR PARTIALLY CLEAR CONTAINER**
[54] **APPAREIL ET PROCEDE DE DETECTION DE NIVEAU DE LIQUIDE DANS UN RECIPIENT TRANSPARENT OU PARTIELLEMENT TRANSPARENT**
[72] BIBA, SCOTT I., US
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE
[85] 2018-10-30
[86] 2017-03-16 (PCT/US2017/022643)
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[51] **Int.Cl. A61K 31/47 (2006.01) A61K 9/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMBINATION TREATMENT OF OCULAR INFLAMMATORY DISORDERS AND DISEASES**
[54] **POLYTHERAPIE DE TROUBLES ET DE MALADIES INFLAMMATOIRES OCULAIRES**
[72] BRADY, TODD, US
[72] YOUNG, SCOTT, US
[71] ALDEYRA THERAPEUTICS, INC., US
[85] 2018-10-29
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[51] **Int.Cl. A61K 35/30 (2015.01)**
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[54] **ORGANOTYPIC PIG RETINA CULTURE SYSTEM**
[54] **SYSTEME DE CULTURE DE RETINE DE PORC ORGANOTYPIQUE**
[72] KERAVALA, ANNAHITA, US
[72] CEPEDA, DIANA, US
[71] ADVERUM BIOTECHNOLOGIES, INC., US
[85] 2018-10-29
[86] 2017-05-02 (PCT/US2017/030636)
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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **MULTI-SUBCARRIER SYSTEM WITH MULTIPLE NUMEROLOGIES**
[54] **SYSTEME A SOUS-PORTEUSES MULTIPLES A MULTIPLES NUMEROLOGIES**
[72] WERNER, KARL, SE
[72] HE, NING, SE
[72] BALDEMAIR, ROBERT, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-10-30
[86] 2017-03-01 (PCT/IB2017/051208)
[87] (WO2017/195048)
[30] US (62/336,302) 2016-05-13

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[51] **Int.Cl. B66C 13/02 (2006.01) E21B 19/00 (2006.01) E21B 19/09 (2006.01)**
[25] EN
[54] **TRANSPORTABLE INLINE HEAVE COMPENSATOR**
[54] **COMPENSATEUR DE PILONNEMENT EN LIGNE TRANSPORTABLE**
[72] MARTINSEN, TORD B., NO
[71] SAFELINK AS, NO
[85] 2018-10-30
[86] 2017-05-26 (PCT/NO2017/050135)
[87] (WO2017/204662)
[30] NO (20160909) 2016-05-27
[30] NO (20161987) 2016-12-15
[30] NO (20162072) 2016-12-30

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[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01) A61P 25/08 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 27/06 (2006.01) A61P 43/00 (2006.01) C07D 491/048 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED IMIDAZO[1,2-B]PYRIDAZINES, SUBSTITUTED IMIDAZO[1,5-B]PYRIDAZINES, RELATED COMPOUNDS, AND THEIR USE IN THE TREATMENT OF MEDICAL DISORDERS**
[54] **IMIDAZO[1,2-B]PYRIDAZINES SUBSTITUEES, IMIDAZO[1,5-B]PYRIDAZINES SUBSTITUEES, COMPOSES APPARENTES ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] SKERLJ, RENATO T., US
[72] BOURQUE, ELYSE MARIE JOSEE, CA
[72] GREENLEE, WILLIAM J., US
[72] LANSBURY, PETER T., US
[71] LYSOSOMAL THERAPEUTICS INC., US
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[86] 2017-05-05 (PCT/US2017/031189)
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[30] US (62/332,151) 2016-05-05

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[51] **Int.Cl. C23C 30/00 (2006.01) C21D 1/673 (2006.01) C21D 8/04 (2006.01) C23C 2/26 (2006.01) C23C 2/28 (2006.01) C23C 28/02 (2006.01)**
[25] EN
[54] **A PRESS HARDENING METHOD**
[54] **PROCEDE DE DURCISSEMENT PAR TREMPE SOUS PRESSE**
[72] GEORGES, CEDRIC, BE
[72] DUMINICA, FLORIN, BE
[72] STUREL, THIERRY, FR
[72] DRILLET, PASCAL, FR
[71] ARCELORMITTAL, LU
[85] 2018-10-29
[86] 2017-04-26 (PCT/IB2017/000482)
[87] (WO2017/187255)
[30] IB (PCT/IB2016/000549) 2016-04-29

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[13] A1
[51] **Int.Cl. E01C 23/22 (2006.01)**
[25] EN
[54] **SPRAY ASSEMBLY FOR A WORKING MACHINE EMPLOYING DIRECT ACTING VALVES**
[54] **ENSEMBLE DE PULVERISATION DESTINE A UNE MACHINE DE CHANTIER UTILISANT DES SOUPAPES A ACTION DIRECTE**
[72] CHRISTIAN, RICHARD, US
[71] ROADTEC, INC., US
[85] 2018-10-30
[86] 2017-04-25 (PCT/US2017/029383)
[87] (WO2017/192307)
[30] US (62/330,643) 2016-05-02

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[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **TAU IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE ANTI-TAU**
[72] SEUBERT, PETER, US
[72] DOLAN, PHILIP JAMES, US
[72] LIU, YUE, US
[72] BARBOUR, ROBIN, US
[71] PROTHENA BIOSCIENCES LIMITED, IE
[85] 2018-10-30
[86] 2017-05-02 (PCT/IB2017/052543)
[87] (WO2017/191559)
[30] US (62/330,786) 2016-05-02

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[13] A1
[51] **Int.Cl. B31B 70/81 (2017.01) B65B 61/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING A FASTENING MATERIAL TO A SUBSTRATE**
[54] **SYSTEME ET PROCEDE D'APPLICATION D'UN MATERIAU DE FIXATION SUR UN SUBSTRAT**
[72] MICHELS, JOHN JOSEPH, US
[71] KELLOGG COMPANY, US
[85] 2018-10-30
[86] 2017-05-01 (PCT/US2017/030357)
[87] (WO2017/192430)
[30] US (62/330,390) 2016-05-02

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/4745 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) A61P 31/04 (2006.01)**
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[54] **ANTIBACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIBACTERIENNES**
[72] CHAUHAN, BHASKAR, IN
[72] SHAIKH, MOHAMMED ASIF, IN
[72] JOSHI, RAJENDRA ARUN, IN
[72] HANDA, AJAY KUMAR, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2018-10-30
[86] 2017-07-03 (PCT/IB2017/053998)
[87] (WO2018/189575)
[30] IN (201721013400) 2017-04-14

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[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01)**
[25] EN
[54] **POWDER DUSTINESS EVALUATION METHOD AND POWDER DUSTINESS EVALUATION DEVICE**
[54] **PROCEDE D'EVALUATION DE TENEUR EN POUSSIERE DE POUDRE ET DISPOSITIF D'EVALUATION DE TENEUR EN POUSSIERE DE POUDRE**
[72] HORIUCHI, TATSUYA, JP
[72] SUGANO, KENICHI, JP
[71] YOSHINO GYPSUM CO., LTD., JP
[85] 2018-10-30
[86] 2017-04-14 (PCT/JP2017/015308)
[87] (WO2017/191745)
[30] JP (2016-092290) 2016-05-02

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UN SERVICE AUTO-ELECTIF**
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[72] OLSEN, GREGORY PAUL, US
[72] SWAN, SCOT EMERY, US
[72] EDGAR, MITCHELL JAY, US
[72] MCMILLAN, REX MICHAEL, US
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[72] NOTHDURFT, ANDREAS, DE
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[54] **PROCEDE DE FABRICATION D'EPAISSISSANTS ET LEURS UTILISATIONS DANS DES FORMULATIONS CONTENANT DU POLYESTER INSATURE A VISCOSITE ELEVEE.**
[72] DZIWOK, KLAUS, DE
[72] COUTELLE, HELMUT, DE
[72] BRIELL, ROBERT, DE
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[71] BYK USA, INC., US
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[72] VAN, IGOR WU-YUNOVICH, RU
[72] KHAN, LYUBOV VIKTOROVNA, KZ
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[54] **SUBSTRATS A BASE DE NANOMATERIAU POUR CAPTEURS CHIMIQUES UTILISANT LA SPECTROSCOPIE RAMAN EXALTEE DE SURFACE**
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[72] MURUGESAN, SANKARAN, US
[72] KHABASHESKU, VALERY N., US
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[54] **FORMULATIONS DE GLYPHOSATE CONTENANT DES TENSIOACTIFS D'AMIDOALKYLAMINE**
[72] HEMMINGHAUS, JOHN W., US
[72] DYSZLEWSKI, ANDREW D., US
[72] ISLAM, MOJAHEDUL, US
[72] ZHU, SHAWN, US
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[54] **STIMULATION INTRANASALE POUR LE TRAITEMENT DE LA MALADIE DE LA GLANDE DE MEIBOMIUS ET DE LA BLEPHARITE**
[72] FRANKE, MANFRED, US
[72] SENCHYNA, DIANE MICHELLE, US
[72] HAMILTON, DANIEL N., US
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[72] WOODS, ERIK J., US
[71] COOK GENERAL BIOTECHNOLOGY LLC, US
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[72] BARNABAS, FREDDY ARTHUR, US
[72] WAYE, BRYAN KEITH, US
[72] GRAHAM, DOUGLAS MICHAEL, US
[72] NUNES, RAUL VICTORINO, US
[72] AGERTON, MARK LEWIS, US
[72] DIAZRIVERA, KASSANDRA NATALE, US
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[54] **ACCOUPLEMENT A DISPOSITIF DE RETENUE A LANGUETTES**
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[72] BOWMAN, MATTHEW A., US
[72] MADARA, SCOTT D., US
[71] VICTAULIC COMPANY, US
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[54] **SYSTEME ET PROCEDES DE MELANGE DE REACTIFS**
[72] WHITACRE, JOHANNA L., US
[72] PHELPS, STEVEN S., US
[72] DREWS, BRADLEY KENT, US
[72] BRYAN, DEBRA SUE, II, US
[72] NIZIOLEK, MICHAEL A., US
[72] DARLAND, JOSHUA A., US
[72] ULMANELLA, UMBERTO, US
[72] WANG, MICHAEL DAI, US
[72] ALVAREZ, MICHELLE L., US
[72] CLARK, STEPHEN WAYNE, US
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[54] **CONNECTEUR FEMELLE DE COMMUNICATION GRANDE VITESSE MIS A LA TERRE**
[72] ROBINSON, BRETT D., US
[72] WAGNER, JUSTIN, US
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[54] **SYSTEME ET PROCEDES POUR COLLECTE SELECTIVE D'EFFLUENT**
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[72] CAPPA, KEVIN JAMES, US
[72] HAGE, MATTHEW WILLIAM, US
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[54] **COMPOSITIONS POLYMERES A LIBERATION PROLONGEE A BASE DE CAPROATE D'HYDROXYPROGESTERONE ET LEURS PROCEDES D'UTILISATION**
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[72] WINCHESTER, GARY, US
[72] BURTON, KEVIN, US
[72] JOZWIAKOWSKI, MICHAEL J., US
[72] BIRCH, ROBERT, US
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[72] CAPLETTE, JEFF, US
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[54] **PROCEDE ET DISPOSITIF POUR OBTENIR UN CERTIFICAT DE TRANSACTION ELECTRONIQUE, ET SUPPORT D'INFORMATIONS**
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[71] 10353744 CANADA LTD., CA
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[54] **SEPARATEUR DE BOITE A ROCHE**
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[72] LUNNEMANN, ROBERT, US
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[54] **COMPOSITION DESINFECTANTE COMPRENANT DE L'ACIDE TARTRIQUE ET DE L'ACIDE LACTIQUE**
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[72] ESSER, KARLHEINZ, DE
[72] LISOWSKY, THOMAS, DE
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[72] ALLOSERY, KOEN, BE
[72] DEPLA, ERIK, BE
[72] GERMANI, MASSIMILIANO, BE
[71] ABLYNX NV, BE
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[72] WALKER, CAROL, US
[72] ONTHANK, DAVID C., US
[72] LAZEWATSKY, JOEL, US
[72] NGUYEN, NHUNG TUYET, US
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[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
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[72] RILEY, DENNIS P., US
[72] KEENE, JEFFERY L., US
[72] SPITZ, DOUGLAS R., JR., US
[72] FATH, MELISSA A., US
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[72] PATEL, CHIRAG, US
[72] SHARMA, MANU, US
[72] PRAKASH, RAJAT, US
[71] QUALCOMM INCORPORATED, US
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[54] **CHARGEUR EXTERNE POUR DISPOSITIF MEDICAL IMPLANTABLE DESTINE A DETERMINER LA POSITION ET OPTIMISER LA TRANSMISSION DE PUISSANCE A L'AIDE DE LA FREQUENCE DE RESONANCE DETERMINEE APARTIR D'AU MOINS UNE BOBINE DE DETECTION**
[72] AGHASSIAN, DANIEL, US
[72] STOUFFER, THOMAS W., US
[72] FREIDIN, LEV, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **DISPOSITIF POUR MONTER UNE EBAUCHE SUR UN SYSTEME DE SUPPORT MODULAIRE**
[72] PICCOLO, SEBASTIANO, IT
[71] REM INDUSTRIE S.R.L., IT
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[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION CONTENANT DES ACIDES GRAS HAUTEMENT INSATURES**
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[72] NONAKA, SHINGO, JP
[72] KANAI, HIDEKI, JP
[72] IKEMOTO, HIROYUKI, JP
[72] TAKEMOTO, KENJI, JP
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[54] **SYSTEME DE VERROUILLAGE POUR FERMETURE, VERROU DESTINE A ETRE UTILISE AVEC UN TEL SYSTEME, ET SYSTEME DE FERMETURE**
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[72] HAWKINS, RAYMOND, AU
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[54] **PROCEDE PERMETTANT DE RECYCLER DES PILIERS DE CHARBON DE CHAMBRE PAR REMBLAYAGE SOLIDE EN COORDINATION AVEC DES PILIERS ARTIFICIELS**
[72] ZHANG, JIXIONG, CN
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[54] **AMIDE-SUBSTITUTED PYRIDINYLTRIAZOLE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE PYRIDINYLTRIAZOLE A SUBSTITUTION AMIDE ET LEURS UTILISATIONS**
[72] COLLIN-KROPELIN, MARIE-PIERRE, DE
[72] KOLKHOF, PETER, DE
[72] NEUBAUER, THOMAS, DE
[72] FURSTNER, CHANTAL, DE
[72] POOK, ELISABETH, DE
[72] WITTWER, MATTHIAS BEAT, DE
[72] LUSTIG, KLEMENS, DE
[72] BUCHMULLER, ANJA, DE
[72] TINEL, HANNA, DE
[72] DROBNER, KAROLINE, DE
[72] MONDRITZKI, THOMAS, DE
[72] SCHIRMER, HEIKO, DE
[72] KRETSCHMER, AXEL, DE
[72] SCHMECK, CARSTEN, DE
[72] WASNAIRE, PIERRE, DE
[72] CERNECKA, HANA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-10-31
[86] 2017-05-02 (PCT/EP2017/060356)
[87] (WO2017/191102)
[30] EP (16168165.5) 2016-05-03

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[51] **Int.Cl. G01N 21/552 (2014.01) G01N 33/49 (2006.01)**
[25] EN
[54] **EVANESCENT HEMOLYSIS DETECTION**
[54] **DETECTION D'HEMOLYSE EVANESCENTE**
[72] SCHONBRUN, ETHAN, US
[72] BLANKENSTEIN, GERT, US
[72] KERIMO, JOSEF, US
[72] ZENG, HANSONG, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2018-10-30
[86] 2017-05-15 (PCT/US2017/032613)
[87] (WO2017/200907)
[30] US (62/339,269) 2016-05-20

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[13] A1
[51] **Int.Cl. A61K 47/65 (2017.01) A61K 47/68 (2017.01) C07K 14/435 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **TARGETED COMPOUNDS FOR THE SITE-SPECIFIC COUPLING OF CHEMICAL MOIETIES COMPRISING A PEPTIDE LINKER**
[54] **COMPOSES CIBLES POUR LE COUPLAGE SPECIFIQUE D'UN SITE DE FRACTIONS CHIMIQUES COMPRENANT UN LIEUR PEPTIDIQUE**
[72] HAUPTS, ULRICH, DE
[72] LIEBSCHER, MARKUS, DE
[72] FIEDLER, ERIK, DE
[71] NAVIGO PROTEINS GMBH, DE
[85] 2018-10-31
[86] 2017-05-04 (PCT/EP2017/060650)
[87] (WO2017/191252)
[30] EP (16168255.4) 2016-05-04
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[51] **Int.Cl. A47J 31/54 (2006.01) F24H 1/10 (2006.01)**
[25] EN
[54] **IN-LINE HEATING DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE EN LIGNE**
[72] SAVIOZ, GREGORY, CH
[71] NESTEC S.A., CH
[85] 2018-10-30
[86] 2017-06-16 (PCT/EP2017/064731)
[87] (WO2017/220436)
[30] EP (16175694.5) 2016-06-22

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[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61K 31/541 (2006.01) A61P 25/08 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **TREATMENT OF NEUROLOGICAL DISORDERS**
[54] **TRAITEMENT DES TROUBLES NEUROLOGIQUES**
[72] RAGEOT, DENISE, CH
[72] HEBEISEN, PAUL, CH
[72] BEAUFILS, FLORENT, FR
[72] FABBRO, DORIANO, CH
[72] HILLMANN-WULLNER, PETRA, CH
[72] NGUYEN, HOA HUU PHUC, DE
[72] LOSCHER, WOLFGANG, DE
[72] BRANDT, CLAUDIA, DE
[72] SELE, ALEXANDER MARKUS, CH
[71] PIQUR THERAPEUTICS AG, CH
[71] UNIVERSITAT BASEL, CH
[85] 2018-10-30
[86] 2017-05-17 (PCT/EP2017/025136)
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[30] EP (16170107.3) 2016-05-18

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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR PRESTRESSING CONCRETE FLOOR OF INCLINED SHAFT WALL**
[54] **APPAREIL DE CHARGEMENT DE PRECONTRAINTE DE SOL EN BETON DE PAROI DE PUITS A ARBRE INCLINE**
[72] WANG, YANSEN, CN
[72] MENG, CHENXIANG, CN
[72] YANG, WEIHAO, CN
[72] YANG, RAN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-10-31
[86] 2017-12-01 (PCT/CN2017/114231)
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[25] EN
[54] **OXOALKYL-SUBSTITUTED PHENYLTRIAZOLE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE PHENYLTRIAZOLE A SUBSTITUTION OXOALKYLE ET UTILISATIONS ASSOCIEES**
[72] SCHMECK, CARSTEN, DE
[72] ENGELEN, ANNA, DE
[72] KOLKHOF, PETER, DE
[72] LUSTIG, KLEMENS, DE
[72] POOK, ELISABETH, DE
[72] WASNAIRE, PIERRE, DE
[71] BAYER PHARMA AKTIENFESELLSCHAFT, DE
[85] 2018-10-31
[86] 2017-05-02 (PCT/EP2017/060384)
[87] (WO2017/191115)
[30] EP (16168171.3) 2016-05-03

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[13] A1
[51] **Int.Cl. F16G 1/28 (2006.01) B29C 39/10 (2006.01)**
[25] EN
[54] **TOOTHED BELT AND MANUFACTURING METHOD THEREFOR**
[54] **COURROIE CRANTEE ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] OSAKI, SUSUMU, JP
[71] MITSUBOSHI BELTING LTD., JP
[85] 2018-10-30
[86] 2017-06-05 (PCT/JP2017/020876)
[87] (WO2017/213103)
[30] JP (2016-112473) 2016-06-06
[30] JP (2017-107941) 2017-05-31

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[51] **Int.Cl. A47J 41/00 (2006.01) A47G 19/22 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **DOUBLE-WALLED VESSEL FOR STORING A POTABLE LIQUID**
[54] **RECIPIENT A DOUBLE PAROI POUR LA CONSERVATION D'UN LIQUIDE BUVABLE**
[72] BODUM, JOERGEN, CH
[71] PI-DESIGN AG, CH
[85] 2018-10-31
[86] 2017-05-03 (PCT/EP2017/060529)
[87] (WO2017/191185)
[30] DE (10 2016 108 242.2) 2016-05-03

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[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **TREATMENT OF SKIN LESIONS**
[54] **TRAITEMENT DE LESIONS CUTANEES**
[72] FABBRO, DORIANO, CH
[72] HEBEISEN, PAUL, CH
[72] HILLMANN-WUELLNER, PETRA, CH
[72] STUETZ, ANTON, CH
[72] SEYKORA, JOHN T., US
[72] BEAUFILS, FLORENT, FR
[71] PIQUR THERAPEUTICS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNESYLVANIA, US
[85] 2018-10-30
[86] 2017-05-17 (PCT/EP2017/025137)
[87] (WO2017/198347)
[30] US (62/338,111) 2016-05-18
[30] EP (17151843.4) 2017-01-17

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[13] A1
[51] **Int.Cl. E04G 3/20 (2006.01) E04G 3/28 (2006.01)**
[25] EN
[54] **CLIMBING SHOE FOR FIXING A CLIMBING SCAFFOLD TO A CONCRETE SECTION OF A BUILDING UNDER CONSTRUCTION**
[54] **CHAUSSURE D'ESCALADE POUR FIXER UN ECHAFAUDAGE GRIMPANT SUR UNE SECTION EN BETON D'UN BATIMENT EN CONSTRUCTION**
[72] ARANBURU ETXEZARRETA, ANGEL MARIA, ES
[72] ZULOAGA AGIRREBALZATEGI, ARITZ, ES
[72] EGANA URRUTIA, ANDER, ES
[71] ULMA C Y E, S. COOP., ES
[85] 2018-10-31
[86] 2017-05-04 (PCT/EP2017/060609)
[87] (WO2017/191232)
[30] EP (16382195.2) 2016-05-04

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) G06Q 10/08 (2012.01) B64C 1/22 (2006.01) B64D 1/22 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSPORTING PRODUCTS VIA UNMANNED AERIAL VEHICLES**
[54] **SYSTEMES ET PROCEDES DE TRANSPORT DE PRODUITS PAR L'INTERMEDIAIRE DE VEHICULES AERIENS SANS PILOTE**
[72] HIGH, DONALD R., US
[72] HICKS, GREGORY A., US
[72] JONES, NATHAN G., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-30
[86] 2017-05-02 (PCT/US2017/030506)
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[30] US (62/331,854) 2016-05-04

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[51] **Int.Cl. D21H 19/02 (2006.01) B32B 29/00 (2006.01) B32B 29/06 (2006.01) C23C 4/02 (2006.01) D21H 19/06 (2006.01) D21H 19/08 (2006.01) D21H 19/82 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COATED PACKAGING MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU D'EMBALLAGE REVETU**
[72] VORENKAMP, HARMAN, DE
[71] MAYR-MELNHOF KARTON AG, AT
[85] 2018-10-31
[86] 2017-04-28 (PCT/EP2017/060241)
[87] (WO2017/191058)
[30] EP (16168047.5) 2016-05-03

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[13] A1
[51] **Int.Cl. B25H 1/00 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **A LIGHT WEIGHT JACK STAND**
[54] **SOCLE DE CRIC DE FAIBLE POIDS**
[72] MACDONALD, BRIAN, AU
[72] DOW, MATTHEW, AU
[72] HINCHY, MICHAEL, AU
[71] JP COMPOSITES PTY LTD, AU
[85] 2018-10-31
[86] 2017-04-19 (PCT/AU2017/050349)
[87] (WO2017/181229)
[30] AU (2016901457) 2016-04-19

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND PEPTIDOMIMETICS**
[54] **NOUVEAUX PEPTIDES ET PEPTIDOMIMETIQUES**
[72] GREEN, COLIN, NZ
[72] KIM, YERI, NZ
[72] DUFT, BRADFORD, US
[71] UNIVERSITY OF AUCKLAND, NZ
[71] OCUNEXUS THERAPEUTICS, INC., US
[85] 2018-10-30
[86] 2017-05-02 (PCT/US2017/030688)
[87] (WO2017/192620)
[30] US (62/331,416) 2016-05-03

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[13] A1
[51] **Int.Cl. G07C 5/08 (2006.01) G06F 17/18 (2006.01)**
[25] EN
[54] **ANALYZING TELEMATICS DATA WITHIN HETEROGENEOUS VEHICLE POPULATIONS**
[54] **ANALYSE DE DONNEES TELEMATIQUES DANS DES POPULATIONS DE VEHICULES HETEROGENES**
[72] SAINANEY, NARAYAN, CA
[72] VORA, TEJAS, CA
[71] MOJ.IO INC., CA
[85] 2018-10-31
[86] 2017-05-17 (PCT/CA2017/050597)
[87] (WO2017/214713)
[30] US (15/184,771) 2016-06-16

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ANTIBODIES RECOGNIZING TAU**
[54] **ANTICORPS RECONNAISSANT LA PROTEINE TAU**
[72] BARBOUR, ROBIN, US
[72] DOLAN, PHILIP JAMES, US
[72] LIU, YUE, US
[71] PROTHENA BIOSCIENCES LIMITED, IE
[85] 2018-10-31
[86] 2017-05-02 (PCT/IB2017/052545)
[87] (WO2017/191561)
[30] US (62/330,800) 2016-05-02

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[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **PROSTHETIC ASSEMBLY AND METHOD FOR PRODUCING THE SAME**
[54] **ENSEMBLE PROTHETIQUE ET SON PROCEDE DE PRODUCTION**
[72] THOME, GENINHO, BR
[72] MERTIN, FELIX ANDREAS, BR
[72] PEREIRA DA SILVA, IVANIO, BR
[72] CALIXTO SALATTI, RAFAEL, BR
[71] JJGC INDUSTRIA E COMERCIO DE MATERIAIS DENTARIOS S.A., BR
[85] 2018-10-31
[86] 2017-04-28 (PCT/BR2017/050101)
[87] (WO2017/190207)
[30] BR (BR102016010184-0) 2016-05-05

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **IMMERSION COOLING**
[54] **REFROIDISSEMENT PAR IMMERSION**
[72] LAU, KAR-WING, CN
[71] BITFURY GROUP LIMITED, KY
[71] VAVILOVS, VALERIJS, LV
[85] 2018-10-31
[86] 2017-05-02 (PCT/IB2017/000711)
[87] (WO2017/191508)
[30] GB (1607662.2) 2016-05-03

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[13] A1
[51] **Int.Cl. B60G 17/0185 (2006.01) G01D 5/00 (2006.01) G01J 1/00 (2006.01) G01L 1/26 (2006.01) G01L 5/28 (2006.01) G01L 25/00 (2006.01) G01M 17/04 (2006.01) G01P 21/00 (2006.01) G06F 17/50 (2006.01) G06T 7/00 (2017.01) H02P 21/00 (2016.01)**
[25] EN
[54] **ESTIMATION OF ELECTROMECHANICAL QUANTITIES BY MEANS OF DIGITAL IMAGES AND MODEL-BASED FILTERING TECHNIQUES**
[54] **ESTIMATION DE VALEURS ELECTROMECANIQUES AU MOYEN D'IMAGES NUMERIQUES ET DE TECHNIQUES DE FILTRAGE BASEES SUR UN MODELE**
[72] TAMAROZZI, TOMMASO, BE
[72] COSCO, FRANCESCO, BE
[72] NAETS, FRANK, BE
[72] PLUYMERS, BERT, BE
[72] DESMET, WIM, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-10-31
[86] 2017-05-02 (PCT/EP2017/060442)
[87] (WO2017/191146)
[30] GB (1607639.0) 2016-05-02

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[13] A1
[51] **Int.Cl. C12P 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR MODULATING PROTEIN GALACTOSYLATION PROFILES OF RECOMBINANT PROTEINS USING PERACETYL GALACTOSE**
[54] **PROCEDES DE MODULATION DE PROFILS DE GALACTOSYLATION DE PROTEINES DE PROTEINES RECOMBINANTES A L'AIDE DE GALACTOSE PERACETYLE**
[72] JORDAN, MARTIN, CH
[72] LECLERCQ, GABRIELLE, CH
[72] SOUQUET, JONATHAN, CH
[72] BROLY, HERVE, CH
[72] BRUHLMANN, DAVID, CH
[71] ARES TRADING S.A., CH
[85] 2018-10-31
[86] 2017-05-10 (PCT/EP2017/061181)
[87] (WO2017/194605)
[30] EP (16169062.3) 2016-05-10

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 21/49 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **PERFORMING OPTICAL MEASUREMENTS ON A SAMPLE**
[54] **CONDUITE DE MESURES OPTIQUES SUR UN ECHANTILLON**
[72] ZAIT, AMIR, IL
[72] HOURI YAFIN, ARNON, IL
[72] GLUCK, DAN, IL
[72] PECKER, SHARON, IL
[72] ESHEL, YOCHAY SHLOMO, IL
[72] LEVY SCHREIER, SARAH, IL
[72] POLLAK, JOSEPH JOEL, IL
[71] S.D. SIGHT DIAGNOSTICS LTD, IL
[85] 2018-10-31
[86] 2017-05-11 (PCT/IL2017/050526)
[87] (WO2017/195208)
[30] US (62/334,517) 2016-05-11

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **SMART POWER SUPPLY**
[54] **ALIMENTATION ELECTRIQUE INTELLIGENTE**
[72] HACKL, DANIEL PATRICK, CA
[71] SAVOX COMMUNICATIONS OY AB (LTD), FI
[85] 2018-10-31
[86] 2017-05-04 (PCT/FI2017/050342)
[87] (WO2017/191368)
[30] FI (20165385) 2016-05-04

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[13] A1
[51] **Int.Cl. B65D 1/09 (2006.01) A61J 1/06 (2006.01)**
[25] EN
[54] **CONTAINER FOR FLUID PRODUCTS, PARTICULARLY FOR MEDICAL PRODUCTS, PHARMACEUTICALS, COSMETICS, FOOD OR THE LIKE**
[54] **RECIPIENT POUR PRODUITS FLUIDES, EN PARTICULIER POUR PRODUITS MEDICAUX, PHARMACEUTIQUES, COSMETIQUES, ALIMENTS OU SIMILAIRE**
[72] SALVARANI, ENRICO, IT
[71] LAMEPLAST S.P.A., IT
[85] 2018-10-31
[86] 2017-05-18 (PCT/IB2017/052921)
[87] (WO2017/199187)
[30] IT (UA2016A003651) 2016-05-20

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[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **HYBRID ACCOMMODATING INTRAOCULAR LENS ASSEMBLAGES**
[54] **ASSEMBLAGES DE LENTILLE INTRAOCULAIRE A ACCOMMODATION HYBRIDE**
[72] BEN NUN, JOSHUA, IL
[71] RAYNER INTRAOCULAR LENSES LIMITED, GB
[85] 2018-10-31
[86] 2017-05-21 (PCT/IL2017/050566)
[87] (WO2017/203517)
[30] IL (245775) 2016-05-22

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[13] A1
[51] **Int.Cl. F16K 31/68 (2006.01) F01P 7/16 (2006.01)**
[25] EN
[54] **THERMOSTAT DEVICE**
[54] **APPAREIL A THERMOSTAT**
[72] INOUE, FUJIO, JP
[72] NISHIMURA, TETSUYA, JP
[71] NIPPON THERMOSTAT CO., LTD., JP
[85] 2018-10-31
[86] 2017-02-22 (PCT/JP2017/006509)
[87] (WO2017/212692)
[30] JP (2016-113806) 2016-06-07

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[51] **Int.Cl. G06Q 50/02 (2012.01) H04W 4/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING ANIMALS**
[54] **PROCEDE ET APPAREIL POUR SURVEILLER DES ANIMAUX**
[72] HOTCHKIN, THOMAS LUKE, AU
[71] ANIMAL APPS PTY LTD, AU
[85] 2018-10-30
[86] 2017-05-03 (PCT/AU2017/050405)
[87] (WO2017/190190)
[30] AU (2016901656) 2016-05-05
[30] AU (2016904813) 2016-11-23

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[13] A1
[51] **Int.Cl. C22B 3/20 (2006.01) C02F 1/461 (2006.01) C22B 30/02 (2006.01) C22B 30/04 (2006.01) C22B 34/30 (2006.01) C22B 34/32 (2006.01) C25C 1/06 (2006.01) C02F 9/00 (2006.01)**
[25] EN
[54] **METHOD AND PROCESS ARRANGEMENT OF REMOVING CATIONS FROM WATER**
[54] **PROCEDE ET AGENCEMENT DE TRAITEMENT SERVANT A ELIMINER DES CATIONS DE L'EAU**
[72] VAN DER MEER, TUOMAS, FI
[72] MAKINEN, ANNUKKA, FI
[72] MARTIKAINEN, MIKA, FI
[72] ISOMAKI, NIKO, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-10-30
[86] 2016-05-06 (PCT/FI2016/050294)
[87] (WO2017/191355)

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[51] **Int.Cl. A61K 9/51 (2006.01) A61K 8/02 (2006.01) A61K 8/37 (2006.01) A61Q 19/00 (2006.01) C10M 105/32 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING NANOPARTICLE OF ACTIVE INGREDIENT USING LIPID AS LUBRICANT IN MILLING PROCESS**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES DE MATERIAU ACTIF A L'AIDE DE LIPIDE EN TANT QUE LUBRIFIANT EN VUE DE BROYAGE**
[72] KIM, KAB SIG, KR
[72] LEE, EUN YONG, KR
[72] KANG, SI ON, KR
[72] CHOI, JAE WOO, KR
[72] KIM, JEONG KYU, KR
[72] PARK, JOO WON, KR
[72] LEE, WON SUK, KR
[72] JIN, YONG SUK, KR
[71] BIO-SYNECTICS INC., KR
[85] 2018-10-30
[86] 2018-03-26 (PCT/KR2018/003560)
[87] (WO2018/194283)
[30] KR (10-2017-0051600) 2017-04-21

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[13] A1
[51] **Int.Cl. E21B 47/085 (2012.01) G01B 7/12 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING A PIPE WITHIN AN OIL WELL STRUCTURE**
[54] **APPAREIL ET PROCEDE DE MESURE DE TUYAU DANS UNE STRUCTURE DE PUITS DE PETROLE**
[72] CARLSON, AARON MITCHELL, CA
[72] MARTIN, BRADLEY ROBERT, CA
[71] INTELLIGENT WELLHEAD SYSTEMS INC., CA
[85] 2018-10-31
[86] 2016-05-31 (PCT/CA2016/050615)
[87] (WO2017/205955)

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[13] A1
[51] **Int.Cl. G11C 7/06 (2006.01) G11C 7/10 (2006.01) G11C 11/16 (2006.01) G11C 11/44 (2006.01)**
[25] EN
[54] **RECIPROCAL QUANTUM LOGIC (RQL) SENSE AMPLIFIER**
[54] **AMPLIFICATEUR DE LECTURE A LOGIQUE QUANTIQUE RECIPROQUE (RQL)**
[72] MILLER, DONALD L., US
[72] HERR, QUENTIN P., US
[72] HERR, ANNA Y., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-10-31
[86] 2017-04-26 (PCT/US2017/029632)
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[30] US (15/167,317) 2016-05-27

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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **GEOPOLYMER COMPOSITIONS AS INORGANIC BINDING MATERIAL FOR FORMING PROPPANT AGGREGATES**
[54] **COMPOSITIONS GEOPOLYMERES EN TANT QUE LIANT INORGANIQUE POUR LA FORMATION D'AGREGATS D'AGENT DE SOUTENEMENT**
[72] KHAMATNUROVA, TATYANA V., US
[72] NGUYEN, PHILIP D., US
[72] PISKLAK, THOMAS JASON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AMPLIFIER**
[54] **AMPLIFICATEUR**
[72] MU, FENGHAO, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-10-31
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[51] **Int.Cl. B01D 47/02 (2006.01)**
[25] EN
[54] **MULTI-LEVEL GAS SCRUBBER WITH MULTIPLE FLOODED SCRUBBER HEADS**
[54] **EPURATEUR DE GAZ A NIVEAUX MULTIPLES DOTE DE MULTIPLES TETES D'EPURATEUR NOYEES**
[72] MCCLELLAND, KENNETH JAMES, CA
[71] PACIFIC GREEN TECHNOLOGIES INC., US
[85] 2018-10-31
[86] 2015-11-02 (PCT/CA2015/000563)
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[30] US (62/169,856) 2015-06-02

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[25] EN
[54] **A SYSTEM OF OPEN-TOPPED CONTAINERS**
[54] **SYSTEME DE RECIPIENTS A DESSUS OUVERT**
[72] OSKARSSON, DAGUR, IS
[71] SAEPLAST ICELAND EHF., IS
[85] 2018-10-31
[86] 2016-05-04 (PCT/IS2016/050008)
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[25] EN
[54] **COMMUNICATION USING COLOUR ENCODED SEQUENCE OF DIGITS**
[54] **COMMUNICATION UTILISANT UNE SEQUENCE DE CHIFFRES A CODAGE COULEUR**
[72] PARADELLS ASPAS, JOSEP, ES
[72] CAMPS MUR, DANIEL, ES
[72] HERRERA ALLOZA, LAURA, ES
[72] HAYES, JONATHAN M., ES
[71] MOBILE PAYMENTS & LOYALTY, S.L., ES
[85] 2018-10-31
[86] 2016-05-03 (PCT/EP2016/059943)
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[25] EN
[54] **COOLING GARMENTS, WARMING GARMENTS, AND RELATED METHODS**
[54] **VETEMENTS RAFRAICHISSANTS, VETEMENTS RECHAUFFANTS ET PROCEDES ASSOCIES**
[72] DONAT, TERRY L., US
[72] SMITH, DAVID, US
[71] ISOMER, INC., US
[85] 2018-10-31
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[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/4196 (2006.01) A61P 9/00 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 5-HYDROXYALKYL-SUBSTITUTED 1-PHENYL-1,2,4-TRIAZOLE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE 1-PHENYL-1,2,4-TRIAZOL 5-HYDROXYALKYL-SUBSTITUES**
[72] SCHIRMER, HEIKO, DE
[72] RUBENBAUER, PHILIPP, DE
[72] MILITZER, HANS-CHRISTIAN, DE
[72] COLLIN-KROPELIN, MARIE-PIERRE, DE
[72] SUSSMEIER, FRANK, DE
[72] GERICKE, KERSTEN MATTHIAS, DE
[72] NEUBAUER, THOMAS, DE
[72] FURSTNER, CHANTAL, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-10-31
[86] 2017-05-02 (PCT/EP2017/060367)
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[30] EP (16168163.0) 2016-05-03
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[25] EN
[54] **SYSTEMS AND METHODS FOR DISTINGUISHING MULTIPLE DISTINCT WAGERS AT A SINGLE BET SPOT OF A GAME TABLE**
[54] **SYSTEMES ET PROCEDES POUR DISTINGUER DE MULTIPLES PARIS DISTINCTS AU NIVEAU D'UN SEUL POINT DE PARI D'UNE TABLE DE JEU**
[72] MOORE, STEPHEN, US
[72] MOORE, CAROLYN, US
[71] WALKER DIGITAL TABLE SYSTEMS, LLC, US
[85] 2018-10-30
[86] 2017-05-05 (PCT/US2017/031450)
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[30] US (62/332,415) 2016-05-05

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[51] **Int.Cl. G05D 1/10 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING AND PROCESSING IMAGE DATA**
[54] **SYSTEMES ET PROCEDES POUR LA COLLECTE OU LE TRAITEMENT DE DONNEES D'IMAGES**
[72] JONES, NICHOLAUS A., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-31
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[25] EN
[54] **AROMATIC SULFONAMIDE DERIVATIVES**
[54] **DERIVES SULFONAMIDES AROMATIQUES**
[72] WERNER, STEFAN, DE
[72] MESCH, STEFANIE, DE
[72] CLEVE, ARWED, DE
[72] BRAUER, NICO, DE
[72] HERBERT, SIMON ANTHONY, DE
[72] KOCH, MARKUS, DE
[72] DAHLLOF, HENRIK, SE
[72] OSMERS, MAREN, DE
[72] HARDAKER, ELIZABETH, GB
[72] LISHCHYNSKYI, ANTON, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-10-31
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[51] **Int.Cl. G06F 15/00 (2006.01) G06F 9/44 (2018.01)**
[25] EN
[54] **ENGINE-AGNOSTIC EVENT MONITORING AND PREDICTING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE ET DE PREDICTION D'EVENEMENT INDEPENDANTS DU MOTEUR**
[72] MALUR, RAMU, IN
[72] GUPTA, PRADEEP KUMAR, IN
[71] WALMART APOLLO, LLC, US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030804)
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[25] FR
[54] **DEVICE AND METHOD FOR MOULDING AND CONSOLIDATING A TEXTILE PREFORM**
[54] **DISPOSITIF ET PROCEDE POUR LE MOULAGE ET LA CONSOLIDATION D'UNE PREFORME TEXTILE**
[72] FEIGENBLUM, JOSE, FR
[71] ROCTOOL, FR
[85] 2018-10-31
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS WITH ENHANCED PERMEATION**
[54] **COMPOSITIONS PHARMACEUTIQUES A PERMEATION AMELIOREE**
[72] SCHOBEL, ALEXANDER MARK, US
[72] VARJAN, STEPHANIE MARIE, US
[72] WARGACKI, STEPHEN PAUL, US
[71] AQUESTIVE THERAPEUTICS, INC., US
[85] 2018-10-31
[86] 2017-05-04 (PCT/US2017/031170)
[87] (WO2017/192923)
[30] US (62/331,993) 2016-05-05

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[51] **Int.Cl. G01N 33/49 (2006.01) G01N 21/63 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTINGUISHING BLOOD COMPONENTS**
[54] **SYSTEME ET PROCEDE POUR DISTINGUER DES COMPOSANTS SANGUINS**
[72] ZELMANOVIC, DAVID, US
[72] ROCHE, JOHN, US
[71] LABTHROUGHPUT LLC, US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030870)
[87] (WO2017/192739)
[30] US (62/331,829) 2016-05-04

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[51] **Int.Cl. A61K 31/7072 (2006.01)**
[25] EN
[54] **TABLET-IN-TABLET PHARMACEUTICAL COMPOSITION COMPRISING CYCLOPHOSPHAMIDE AND CAPECITABINE**
[54] **COMPOSITION PHARMACEUTIQUE DE TYPE COMPRIME-DANS-COMPRIME COMPRENANT DU CYCLOPHOSPHAMIDE ET DE LA CAPECITABINE**
[72] PATEL, PRIYANK, IN
[72] PATEL, MAYUR, IN
[72] PATEL, MAHENDRA, IN
[72] SINGH, BALVIR, IN
[72] SEHGAL, ASHISH, IN
[71] INTAS PHARMACEUTICALS LTD., IN
[85] 2018-10-31
[86] 2017-05-02 (PCT/IB2017/052534)
[87] (WO2017/191553)
[30] IN (201621015342) 2016-05-03

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[51] **Int.Cl. F16J 15/00 (2006.01) B23P 19/02 (2006.01) F16J 15/10 (2006.01) H01M 8/0271 (2016.01)**
[25] EN
[54] **GASKET HANDLING METHOD**
[54] **PROCEDE DE MANIPULATION D'UN JOINT D'ETANCHEITE**
[72] YUI, HAJIME, JP
[72] OBA, KENICHI, JP
[72] NISHIMURA, TAKURO, JP
[71] NOK CORPORATION, JP
[85] 2018-10-31
[86] 2017-03-30 (PCT/JP2017/013174)
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[30] JP (2016-103490) 2016-05-24

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[51] **Int.Cl. C12N 9/22 (2006.01) A61K 38/46 (2006.01) A61K 48/00 (2006.01) C07K 14/755 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **ENGINEERED NUCLEASES USEFUL FOR TREATMENT OF HEMOPHILIA A**
[54] **NUCLEASES MODIFIEES UTILES POUR LE TRAITEMENT DE L'HEMOPHILIE A**
[72] JANTZ, DEREK, US
[72] SMITH, JAMES JEFFERSON, US
[72] BARTSEVICH, VICTOR, US
[72] BEARD, CLAYTON, US
[72] NICHOLSON, MICHAEL G., US
[71] PRECISION BIOSCIENCES, INC., US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030872)
[87] (WO2017/192741)
[30] US (62/331,335) 2016-05-03

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 51/10 (2006.01) A61P 35/02 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **LOW DOSE ANTIBODY-BASED METHODS FOR TREATING HEMATOLOGIC MALIGNANCIES**
[54] **PROCEDES A BASE D'ANTICORPS A FAIBLE DOSE POUR LE TRAITEMENT DE MALIGNITES HEMATOLOGIQUES**
[72] CICIC, DRAGAN, US
[71] ACTINIUM PHARMACEUTICALS, INC., US
[85] 2018-10-30
[86] 2017-05-25 (PCT/US2017/034406)
[87] (WO2017/205587)
[30] US (62/342,568) 2016-05-27

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 21/51 (2013.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR VERIFYING OWNERSHIP OF A DIGITAL ASSET USING A DISTRIBUTED HASH TABLE AND A PEER-TO-PEER DISTRIBUTED LEDGER**
[54] **PROCEDE ET SYSTEME DE CONFIRMATION DE LA PROPRIETE D'UN ACTIF NUMERIQUE A L'AIDE D'UNE TABLE DE HACHAGE DISTRIBUEE ET D'UN REGISTRE DISTRIBUE ENTRE PAIRS**
[72] SAVANAH, STEPHANE, GB
[72] WRIGHT, CRAIG STEVEN, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-10-31
[86] 2017-05-12 (PCT/IB2017/052801)
[87] (WO2017/195161)
[30] GB (1608463.4) 2016-05-13
[30] GB (1608456.8) 2016-05-13
[30] GB (1608454.3) 2016-05-13

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[13] A1
[51] **Int.Cl. A01K 61/60 (2017.01)**
[25] EN
[54] **SEA PEN ARRANGEMENT**
[54] **AGENCEMENT DE PARC MARIN**
[72] KROGENES, KARE OLAV, NO
[72] GILJE, KJARTAN, NO
[71] VIEWPOINT AS, NO
[85] 2018-10-31
[86] 2017-05-10 (PCT/NO2017/050117)
[87] (WO2017/196185)
[30] NO (20160781) 2016-05-10

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[13] A1
[51] **Int.Cl. H04N 21/43 (2011.01) H04H 20/18 (2009.01) H04H 20/28 (2009.01) H04H 60/13 (2009.01) H04N 21/443 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[71] SONY CORPORATION, JP
[85] 2018-10-31
[86] 2017-04-28 (PCT/JP2017/016989)
[87] (WO2017/195668)
[30] JP (2016-097312) 2016-05-13

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[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/042 (2006.01) A61B 5/0428 (2006.01) A61B 5/044 (2006.01) A61B 5/0478 (2006.01) A61B 5/0492 (2006.01) A61B 5/05 (2006.01) A61B 5/107 (2006.01) A61B 18/14 (2006.01) A61B 18/18 (2006.01) A61B 18/24 (2006.01)**
[25] EN
[54] **CARDIAC MAPPING SYSTEM WITH EFFICIENCY ALGORITHM**
[54] **SYSTEME DE CARTOGRAPHIE CARDIAQUE AVEC ALGORITHME D'EFFICACITE**
[72] WELSH, DANIEL, US
[72] CHOU, DERRICK REN-YU, US
[72] ZHANG, HAIZHE, US
[72] MARIAPPAN, LEO, US
[72] ZHU, MIN, US
[72] YON, STEVEN ANTHONY, US
[72] SHI, XINWEI, US
[72] BEATTY, GRAYDON ERNEST, US
[72] ANGEL, NATHAN, US
[72] TANG, WEIYI, US
[72] SCHARF, CHRISTOPH, CH
[72] FLAHERTY, J. CHRISTOPHER, US
[71] ACUTUS MEDICAL, INC., US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030922)
[87] (WO2017/192775)
[30] US (62/331,364) 2016-05-03
[30] US (62/413,104) 2016-10-26

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[13] A1
[51] **Int.Cl. H01M 8/10 (2016.01) B01J 41/14 (2006.01) H01M 4/86 (2006.01) H01M 4/90 (2006.01) H01M 8/02 (2016.01)**
[25] EN
[54] **REACTOR WITH ADVANCED ARCHITECTURE FOR THE ELECTROCHEMICAL REACTION OF CO2, CO, AND OTHER CHEMICAL COMPOUNDS**
[54] **REACTEUR A ARCHITECTURE AVANCEE DESTINE A LA REACTION ELECTROCHIMIQUE DE CO2, CO, ET D'AUTRES COMPOSES CHIMIQUES**
[72] KUHL, KENDRA P., US
[72] CAVE, ETOSHA R., US
[72] LEONARD, GEORGE, US
[71] OPUS 12 INCORPORATED, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030935)
[87] (WO2017/192787)
[30] US (62/331,387) 2016-05-03

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[13] A1
[51] **Int.Cl. A61K 31/472 (2006.01) A61K 31/4725 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING OR PREVENTING VASOMOTOR SYMPTOMS**
[54] **COMPOSES POUR LE TRAITEMENT OU LA PREVENTION DES SYMPTOMES VASOMOTEURS**
[72] PALUMBO, JOSEPH M., US
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2018-10-31
[86] 2017-06-12 (PCT/JP2017/021569)
[87] (WO2017/217351)
[30] US (62/349179) 2016-06-13

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[13] A1
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/51 (2013.01) G06F 21/60 (2013.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR VERIFYING OWNERSHIP OF A DIGITAL ASSET USING A DISTRIBUTED HASH TABLE AND A PEER-TO-PEER DISTRIBUTED LEDGER**
[54] **PROCEDE ET SYSTEME PERMETTANT DE VERIFIER LA PROPRIETE D'UN ACTIF NUMERIQUE A L'AIDE D'UNE TABLE DE HACHAGE DISTRIBUEE ET D'UN REGISTRE DISTRIBUE DE POSTE A POSTE**
[72] SAVANAH, STEPHANE, GB
[72] WRIGHT, CRAIG STEVEN, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-10-31
[86] 2017-05-12 (PCT/IB2017/052804)
[87] (WO2017/195164)
[30] GB (1608463.4) 2016-05-13
[30] GB (1608456.8) 2016-05-13
[30] GB (1608454.3) 2016-05-13

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FOOD ORDERING**
[54] **PROCEDES ET SYSTEMES DE COMMANDE D'ALIMENTS**
[72] SLATER, KENNETH, GB
[72] ODELL, CHRISTI J., US
[72] MCKEEL, ROBERT LESLIE BROCK, US
[72] MORLEY, PAUL, GB
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-10-31
[86] 2017-05-05 (PCT/US2017/031267)
[87] (WO2017/192970)
[30] US (62/332,289) 2016-05-05

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[13] A1
[51] **Int.Cl. H01M 8/1018 (2016.01) C25B 3/02 (2006.01) C25B 3/04 (2006.01) C25B 9/10 (2006.01)**
[25] EN
[54] **REACTOR WITH ADVANCED ARCHITECTURE FOR THE ELECTROCHEMICAL REACTION OF CO2, CO, AND OTHER CHEMICAL COMPOUNDS**
[54] **REACTEUR A ARCHITECTURE AVANCEE DESTINE A LA REACTION ELECTROCHIMIQUE DE CO2, DE CO, ET D'AUTRES COMPOSES CHIMIQUES**
[72] KUHL, KENDRA P., US
[72] CAVE, ETOSHA R., US
[72] LEONARD, GEORGE, US
[71] OPUS 12 INCORPORATED, US
[85] 2018-10-31
[86] 2017-05-03 (PCT/US2017/030936)
[87] (WO2017/192788)
[30] US (62/331,387) 2016-05-03

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[13] A1
[51] **Int.Cl. G06F 17/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING COMPLEX THREE-DIMENSIONAL BUILDING SURFACES**
[54] **PROCEDE DE FABRICATION DE SURFACES DE BATIMENTS TRIDIMENSIONNELLES COMPLEXES**
[72] ROMANO, MARIO, US
[71] MARIO ROMANO DESIGN AND DEVELOPMENT, LLC, US
[85] 2018-10-31
[86] 2017-05-04 (PCT/US2017/031149)
[87] (WO2017/192909)
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[54] **CARTOUCHE POUR GOBELET TRAYEUR, ET GOBELET TRAYEUR**
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[71] DELAVAL HOLDING AB, SE
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[72] MOORE, JAMES F., US
[72] MINGAY, SCOTT A., US
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[54] **TONDEUSE A GAZON A CONDUCTEUR DEBOUT**
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[72] DOWNING, BRIAN, US
[72] LAWRENCE, JOSHUA, US
[72] WICKER, TIMOTHY, US
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[72] RODRIGUEZ, JUAN, US
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[54] **EXPLORATION AUGMENTEE POUR DES MEGADONNEES ET AU-DELA**
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[72] SANTOS, EUNICE, US
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[54] **PROCEDE DE TRAITEMENT DES EAUX USEES**
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[72] BLOCK, PHILIP, US
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[54] **CARTOUCHE POUR GOBELET TRAYEUR, ET GOBELET TRAYEUR**
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[54] **PROCEDE ET SYSTEME AFIN D'AUGMENTER LA CAPACITE D'UNE COMMUNICATION PAR SATELLITE A HAUT DEBIT**
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[72] EROZ, MUSTAFA, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
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[54] **PROCEDES ET APPAREIL DE DESCRIPTION COMPACTE DE CODES DE CONTROLE DE PARITE DE FAIBLE DENSITE (LDPC) ELEVES**
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[54] **COMPOSITIONS ET PROCEDES ASSOCIES A DES IMMUNOGENES DU VIH-1**
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[54] **COMPOSITIONS ET REVETEMENTS FORMES A PARTIR DE CELLES-CI PRESENTANT UNE ADHERENCE ET UNE ACCUMULATION DE LA GLACE REDUITES**
[72] SIRIPURAPU, SRINIVAS, US
[72] MHETAR, VIJAY, US
[72] YOUNGBLOOD, JEFFREY P., US
[72] HOWARTER, JOHN, US
[72] RANGANATHAN, SATHISH KUMAR, US
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[54] **PROCEDE ET COMPOSITION DESTINES A LA DISPERSION D'ASPHALTENES**
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[54] **DISPOSITIFS FLUIDIQUES ET LEURS PROCEDES DE FABRICATION**
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[54] **SYSTEMES ET PROCEDES DE REGULATION D'UN MICRORESEAU**
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[72] SHMEIS, RAMA ABU, US
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[71] AGROFRESH INC., US
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[54] **SYSTEME DE JEU VIDEO, ET PROCEDE DE COMMANDE**
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[72] ROBERTS, THOMAS JOHN, US
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[72] VARJAN, STEPHANIE MARIE, US
[72] WARGACKI, STEPHEN PAUL, US
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[72] WILLERTH, MARC E., US
[72] DEVERSE, SHAWN, US
[71] MAGNETIC VARIATION SERVICES LLC, US
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[54] **MATERIAU DE PLANCHE D'INGENIERIE AYANT UN PLACAGE IMPERMEABILISE ET SON PROCEDE DE FABRICATION**
[72] CHEN, MING, US
[72] CHEN, ZHU, US
[71] WELLMADE FLOOR COVERING INT'L INC., US
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[71] SHELTERIT, LLC, US
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[54] **PROCEDE ANALYTIQUE POUR LA QUANTIFICATION DE BACTERIES VIABLES CONTENUES DANS DES COMPOSITIONS DE THERAPIE DE RESTAURATION DE MICROBIOTE (MICROBIOTA RESTORATION THERAPY - MRT)**
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[72] ERICKSON, JOSHUA, US
[72] BURROUGHS, MAYA, US
[72] SINCLAIR, IAN, US
[72] JONES, COURTNEY R., US
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[54] **METHOD, SYSTEM, AND COMPUTER READABLE MEDIUM FOR GENERATING PULSE OXIMETRY PREDICTIVE SCORES (POPS) FOR PREDICTING ADVERSE NEUROLOGICAL DEVELOPMENT IN PRETERM INFANTS**
[54] **PROCEDE, SYSTEME ET SUPPORT LISIBLE PAR ORDINATEUR POUR GENERER DES INDICES PREDICTIFS D'OXYMETRIE PULSEE (POP) POUR DES ENFANTS PREMATURES POUVANT CONNAITRE DES EVENEMENTS INDESIRABLES**
[72] FAIRCHILD, KAREN D., US
[72] LAKE, DOUGLAS E., US
[72] SULLIVAN, BRYNNE, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030606)
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[51] **Int.Cl. A44C 25/00 (2006.01) G06F 3/147 (2006.01) G09G 5/12 (2006.01) H04B 1/38 (2015.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING DIGITAL IMAGERY ON A DIGITAL IMAGERY DISPLAY LOCKET**
[54] **SYSTEME ET PROCEDE POUR AFFICHER UNE IMAGERIE NUMERIQUE SUR UN MEDAILLON D'AFFICHAGE D'IMAGERIE NUMERIQUE**
[72] DUNEIER, JAKE, US
[72] DARMOUR, JENNIFER, US
[71] PURPLE INC., US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030624)
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[30] US (62/330,565) 2016-05-02

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[51] **Int.Cl. G01N 33/564 (2006.01) C12Q 1/68 (2018.01) G01N 33/48 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS USING C4 GENE COPY NUMBER AND CELL-BOUND COMPLEMENT ACTIVATION PRODUCTS FOR IDENTIFICATION OF LUPUS AND PRE-LUPUS**
[54] **METHODES ET SYSTEMES UTILISANT LE NOMBRE DE COPIES DU GENE C4 ET DES PRODUITS D'ACTIVATION DU COMPLEMENT LIES AUX CELLULES POUR L'IDENTIFICATION DU LUPUS ET DU PRE-LUPUS**
[72] AHEARN, JOSEPH M., US
[72] LIU, CHAU-CHING, US
[72] MANZI, SUSAN M., US
[72] YU, C. YUNG, US
[71] ALLEGHENY-SINGER RESEARCH INSTITUTE, US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2018-10-31
[86] 2017-05-24 (PCT/US2017/034315)
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
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[54] **METHODS OF HUMAN LEUKOCYTE ANTIGEN TYPING**
[54] **METHODES DE TYPAGE DE L'ANTIGENE LEUCOCYTAIRE HUMAIN**
[72] XIE, CHAO, US
[71] HUMAN LONGEVITY, INC., US
[85] 2018-10-31
[86] 2017-05-25 (PCT/US2017/034556)
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[30] US (62/342,817) 2016-05-27

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[51] **Int.Cl. A61K 31/4425 (2006.01) A61K 31/444 (2006.01) A61P 39/04 (2006.01)**
[25] EN
[54] **FORMULATIONS AND TREATMENTS EMPLOYING HYDROXYPYRIDONATE ACTINIDE/LANTHANIDE DECORPORATION AGENTS**
[54] **FORMULATIONS ET TRAITEMENTS AYANT RECOURS A DES HYDROXYPYRIDONATES DECORPORANTS D'ACTINIDE/LANTHANIDE**
[72] ABERGEL, REBECCA J., US
[72] DEBLONDE, GAUTHIER J.P., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030628)
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[30] US (62/331,369) 2016-05-03
[30] US (62/383,963) 2016-09-06

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[51] **Int.Cl. H01H 33/66 (2006.01) H01H 31/00 (2006.01) H01H 31/02 (2006.01) H01H 33/02 (2006.01) H01H 33/12 (2006.01) H01H 75/04 (2006.01)**
[25] EN
[54] **RECLOSER BATTERY ASSEMBLY**
[54] **ENSEMBLE BATTERIE A REENCHLENCHEMENT**
[72] AGLIATA, PETER M., US
[71] HUBBELL INCORPORATED, US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030635)
[87] (WO2017/192583)
[30] US (62/330,355) 2016-05-02

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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **USE OF CPF1 ENDONUCLEASE FOR PLANT GENOME MODIFICATIONS**
[54] **UTILISATION DE L'ENDONUCLEASE CPF1 POUR MODIFIER LE GENOME DES PLANTES**
[72] CIGAN, ANDREW MARK, US
[72] DJUKANOVIC, VESNA, US
[72] YOUNG, JOSHUA K., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-10-31
[86] 2017-05-31 (PCT/US2017/035175)
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[25] EN
[54] **RECLOSER BATTERY ASSEMBLY WITH TORQUE-LIMITING CAP**
[54] **ENSEMBLE BATTERIE DE DISJONCTEUR A REENCLENCHEMENT AVEC CAPUCHON LIMITEUR DE COUPLE**
[72] AGLIATA, PETER M, US
[72] GINZTON, NATHANIEL, US
[71] HUBBELL INCORPORATED, US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030637)
[87] (WO2017/192585)
[30] US (62/330,355) 2016-05-02

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[51] **Int.Cl. H01H 33/66 (2006.01) H01H 31/00 (2006.01) H01H 31/02 (2006.01) H01H 33/02 (2006.01) H01H 33/12 (2006.01) H01H 75/04 (2006.01)**
[25] EN
[54] **RECLOSER BATTERY ASSEMBLY WITH HOT STICK ADAPTOR AND BATTERY TUBE ADAPTOR**
[54] **ENSEMBLE BATTERIE REFERMABLE AVEC ADAPTATEUR DE TIGE ISOLANTE ET ADAPTATEUR DE TUBE DE BATTERIE**
[72] AGLIATA, PETER M., US
[71] HUBBELL INCORPORATED, US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030640)
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[30] US (62/330,355) 2016-05-02

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[51] **Int.Cl. E21B 23/04 (2006.01) E21B 17/06 (2006.01) E21B 34/06 (2006.01) E21B 34/14 (2006.01) E21B 43/116 (2006.01) E21B 43/1185 (2006.01) E21B 47/00 (2012.01) F42B 3/12 (2006.01) F42D 1/045 (2006.01) F42D 1/055 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED SELECTIVE PERFORATING SWITCH SUPPORT**
[54] **SUPPORT DE COMMUTATEUR DE PERFORATION SELECTIF ACTIVE PAR PRESSION**
[72] SANSING, JOEL, US
[71] HUNTING TITAN, INC., US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030661)
[87] (WO2017/192604)
[30] US (62/330,624) 2016-05-02

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[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO CONTROL INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES INSECTES NUISIBLES**
[72] HU, XU, US
[72] NIU, XIPING, US
[72] RICHTMAN, NINA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-10-31
[86] 2017-06-02 (PCT/US2017/035585)
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[30] US (62/350,942) 2016-06-16

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[51] **Int.Cl. A61K 31/716 (2006.01) A61K 9/14 (2006.01) A61K 48/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **GLYCOGEN AND PHYTOGLYCOGEN NANOPARTICLES AS IMMUNOSUPPRESSIVE COMPOUNDS, AND COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **NANOPARTICULES DE GLYCOGENE ET DE PHYTOGLYCOGENE A TITRE DE COMPOSES IMMUNOSUPPRESSEURS, COMPOSITIONS ET LEURS PROCEDES D'UTILISATION**
[72] KORENEVSKI, ANTON, CA
[72] DEWITTE-ORR, STEPHANIE, CA
[72] SPITERI, KATELIN, CA
[72] BERTOLO, LISA SUZANNE, CA
[71] MIREXUS BIOTECHNOLOGIES INC., CA
[85] 2018-10-31
[86] 2017-05-04 (PCT/CA2017/050545)
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[30] US (62/331,662) 2016-05-04
[30] US (62/454,424) 2017-02-03

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[51] **Int.Cl. C11D 3/386 (2006.01)**
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[54] **CLEANING COMPOSITIONS HAVING AN ENZYME SYSTEM**
[54] **COMPOSITIONS DE NETTOYAGE AYANT UN SYSTEME ENZYMATIQUE**
[72] LANT, NEIL JOSEPH, GB
[72] VASQUEZ VALDIVIESO, MONTSERRAT GUADALUPE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (62/347,666) 2016-06-09

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[51] **Int.Cl. H04L 12/403 (2006.01)**
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[54] **METHOD FOR THE EMERGENCY SHUTDOWN OF A BUS SYSTEM, AND BUS SYSTEM**
[54] **PROCEDE D'ARRET D'URGENCE D'UN SYSTEME DE BUS ET SYSTEME DE BUS ASSOCIE**
[72] FUCHS, MANUEL, DE
[71] SEW-EURODRIVE GMBH & CO. KG, DE
[85] 2018-10-31
[86] 2017-03-23 (PCT/EP2017/025057)
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[30] DE (10 2016 005 314.3) 2016-05-02

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[51] **Int.Cl. B64C 39/02 (2006.01) B64C 27/08 (2006.01) B64C 27/12 (2006.01) B64C 35/00 (2006.01)**
[25] EN
[54] **MULTIPURPOSE AIR VEHICLE**
[54] **VEHICULE AERIEN POLYVALENT**
[72] CHANG, TAE-JUNG, US
[71] CHANG, TAE-JUNG, US
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[51] **Int.Cl. C12N 15/10 (2006.01) C40B 20/04 (2006.01) C40B 40/04 (2006.01) C40B 70/00 (2006.01)**
[25] EN
[54] **MACROMOLECULE ANALYSIS EMPLOYING NUCLEIC ACID ENCODING**
[54] **ANALYSE DE MACROMOLECULES AU MOYEN DU CODAGE PAR ACIDES NUCLEIQUES**
[72] CHEE, MARK, US
[72] GUNDERSON, KEVIN, US
[72] WEINER, MICHAEL PHILLIP, US
[71] ENCODIA, INC., US
[85] 2018-10-31
[86] 2017-05-02 (PCT/US2017/030702)
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[30] US (62/330,841) 2016-05-02
[30] US (62/339,071) 2016-05-19
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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANAGING SECURITY IN A COMPUTER NETWORK**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE SECURITE DANS UN RESEAU INFORMATIQUE**
[72] HASAN, SYED KAMRAN, US
[71] HASAN, SYED KAMRAN, US
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[86] 2016-05-04 (PCT/US2016/030660)
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[30] US (62/198,091) 2015-07-28
[30] US (62/206,675) 2015-08-18
[30] US (62/210,546) 2015-08-27
[30] US (62/220,914) 2015-09-18
[30] US (62/286,437) 2016-01-24
[30] US (62/294,258) 2016-02-11
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[30] US (62/323,657) 2016-04-16
[30] US (15/145,800) 2016-05-04

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/65 (2017.01) A61K 9/00 (2006.01) A61P 3/00 (2006.01) C07K 14/495 (2006.01) C07K 14/765 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **GDF15 FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION GDF15 ET LEURS UTILISATIONS**
[72] ARMSTRONG, ANTHONY, US
[72] CONNOR, JUDITH ANN, US
[72] FURMAN, JENNIFER, US
[72] HUANG, CHICHI, US
[72] HUNTER, MICHAEL J., US
[72] LIN-SCHMIDT, XIEFAN, US
[72] NELSON, SERENA, US
[72] RANGWALA, SHAMINA, US
[72] MULLICAN, SHANNON, US
[72] CHAVEZ, JOSE ANTONIO, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-10-31
[86] 2017-05-05 (PCT/US2017/031197)
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[30] US (62/333,886) 2016-05-10

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[51] **Int.Cl. C09K 3/22 (2006.01) C08B 37/08 (2006.01) C08L 5/08 (2006.01) E01H 3/00 (2006.01) E21F 5/00 (2006.01)**
[25] EN
[54] **CHITOSAN COAGULANT AS A BINDER AND DUST CONTROL AGENT**
[54] **COAGULANT A BASE DE CHITOSANE UTILISE COMME LIANT ET AGENTANTI-POUSSIERE**
[72] RAAB, MICHAEL T., US
[72] SEGAL, WENDY A., US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. A47B 47/00 (2006.01) A47B 47/04 (2006.01) E04F 15/02 (2006.01) E04F 15/10 (2006.01) F16B 5/00 (2006.01)**
[25] EN
[54] **MODULAR PRESENTATION SYSTEM FOR THE DISPLAY AND SUPPORT OF GOODS AND BUILD-UP METHOD THEREFOR**
[54] **SYSTEME DE PRESENTATION MODULAIRE POUR LA PRESENTATION ET LE SUPPORT DE MARCHANDISES ET SON PROCEDE DE CONSTRUCTION**
[72] VAN CEULEBROECK, FILIP, BE
[71] EASYBUILD BVBA, BE
[85] 2018-11-01
[86] 2017-05-02 (PCT/EP2017/060429)
[87] (WO2017/191137)
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[30] DE (20 2016 006 632.4) 2016-10-27

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4523 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 211/34 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **PIPERIDINES AS MENIN INHIBITORS**
[54] **PIPERIDINES EN TANT QU'INHIBITEURS DE MENINE**
[72] WANG, SHAOMENG, US
[72] AGUILAR, ANGELO, US
[72] ZHANG, KE, US
[72] XU, SHILIN, US
[72] XU, TIANFENG, US
[72] BERNARD, DENZIL, US
[72] HUANG, LIYUE, US
[71] REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030577)
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[30] US (62/330,350) 2016-05-02

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[51] **Int.Cl. A01N 63/00 (2006.01) A01N 25/22 (2006.01) A01N 25/26 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **METHODS AND FORMULATIONS FOR STORING ENTOMOPATHOGENIC NEMATODES**
[54] **PROCEDES ET FORMULATIONS POUR STOCKER DES NEMATODES ENTOMOPATHOGENES**
[72] DOPSON, RYAN, CA
[72] HEPBURN, LORELEI, CA
[71] GREEN ADVANTAGE TECHNOLOGY INC., CA
[85] 2018-11-01
[86] 2016-04-29 (PCT/CA2016/050496)
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[30] US (62/156,430) 2015-05-04

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[51] **Int.Cl. F16B 12/20 (2006.01)**
[25] EN
[54] **JOINING SYSTEM WITH FRONT ACTUATION AXIS FOR FURNITURE**
[54] **SYSTEME D'ASSEMBLAGE A AXE D'ACTIONNEMENT FRONTAL POUR MEUBLE**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
[85] 2018-11-01
[86] 2017-06-30 (PCT/EP2017/066275)
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[30] IT (102016000070803) 2016-07-07

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[51] **Int.Cl. C09K 3/18 (2006.01) C08K 3/16 (2006.01) C08K 3/26 (2006.01) C08K 5/098 (2006.01) C08L 83/04 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **ANTI-ICING ADDITIVE COMPOSITION FOR BITUMINOUS CONGLOMERATES**
[54] **COMPOSITION D'ADDITIF ANTI-GIVRAGE DESTINEE A DES CONGLOMERATS BITUMINEUX**
[72] BERTULETTI, ELISA, IT
[72] BARUZZI, PIERO, IT
[72] GIANNATTASIO, FEDERICA, IT
[71] ITERCHIMICA S.R.L., IT
[85] 2018-11-01
[86] 2017-06-15 (PCT/EP2017/064661)
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[30] IT (102016000063307) 2016-06-20

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 19/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING A BOX AND CORRELATING A QUALITY CHARACTERISTIC OF THE BOX TO AN OVERALL EQUIPMENT EFFECTIVENESS OF A PACKAGING LINE THAT MANIPULATES THE BOX DURINGA PRODUCT PACKAGING PROCESS**
[54] **SYSTEME ET PROCEDE DESTINES AU SUIVI D'UNE BOITE ET A LA CORRELATION D'UNE CARACTERISTIQUE DE QUALITE DE LA BOITE A UNE EFFICACITE D'EQUIPEMENT GLOBALE D'UNE LIGNE D'EMBALLAGE QUI MANIPULE LA BOITE PENDANT UN PROCESSUS D'EMBALLAGE DE PRODUIT**
[72] WIDNER, ERNEST BARFIELD, US
[72] PAYNE, MICHAEL T., US
[71] GEORGIA-PACIFIC CORRUGATED LLC, US
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030778)
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[30] US (15/147,552) 2016-05-05

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **TREATMENT OF ATOPIC DERMATITIS AND ASTHMA USING RNA COMPLEXES THAT TARGET LL4RA, TRPA1, OR F2RL1**
[54] **TRAITEMENT DE LA DERMATITE ATOPIQUE ET DE L'ASTHME EN UTILISANT DES COMPLEXES D'ARN QUI CIBLENT L'LL4R?, TRPA1, OU F2RL1**
[72] LEE, DONG-KI, KR
[72] HONG, SUN WOO, KR
[72] LEE, HANNA, KR
[72] YU, DAYEON, KR
[72] EOM, JI, KR
[71] OLIX PHARMACEUTICALS, INC., KR
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[86] 2017-02-01 (PCT/IB2017/000166)
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[30] US (62/290,298) 2016-02-02

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[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01)**
[25] EN
[54] **PROTEASE VARIANTS AND USES THEREOF**
[54] **VARIANTS DE PROTEASE ET LEURS UTILISATIONS**
[72] BABE, LILIA MARIA, US
[72] BASLER, JOSHUA ROY, US
[72] ESTELL, DAVID A., US
[72] ALEKSEYEV, VIKTOR YURYEVICH, US
[72] WILDES, DAVID EDWARD, US
[72] MUNOS, JEFFREY WAYNE, US
[72] AMIN, NEELAM S., US
[72] MARQUEZ, DAVID, US
[72] HUANG, VICTORIA, US
[72] VEERAMUTHU, GEETHA, US
[72] OTSUKA, REI, US
[72] SOUTER, PHILIP F., GB
[72] TARBIT, DAVID JOHN, GB
[72] JACKSON, MICHELLE, GB
[72] PEREZ-PRAT VINUESA, EVA MARIA, GB
[72] MAGENNIS, EUAN JOHN, GB
[71] DANISCO US INC, US
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030800)
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[30] US (62/331,282) 2016-05-03

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[51] **Int.Cl. G02B 27/00 (2006.01) B82Y 20/00 (2011.01) G01N 21/31 (2006.01) G01N 21/41 (2006.01) G02B 5/18 (2006.01) G02B 27/10 (2006.01) G06T 7/20 (2017.01) G02B 27/01 (2006.01)**
[25] EN
[54] **METASURFACES WITH ASYMMETRIC GRATINGS FOR REDIRECTING LIGHT AND METHODS FOR FABRICATING**
[54] **METASURFACES A RESEAUX ASYMETRIQUES PERMETTANT DE REDIRIGER LA LUMIERE ET PROCEDES DE FABRICATION**
[72] LIN, DIANMIN, US
[72] MELLI, MAURO, US
[72] ST. HILAIRE, PIERRE, US
[72] PEROZ, CHRISTOPHE, US
[72] POLIAKOV, EVGENI YURIY, US
[71] MAGIC LEAP, INC., US
[85] 2018-11-01
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[30] US (62/333,067) 2016-05-06
[30] US (62/474,432) 2017-03-21

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7105 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TREATMENT OF ANGIOGENESIS-ASSOCIATED DISEASES USING RNA COMPLEXES THAT TARGET ANGPT2 AND PDGFB**
[54] **TRAITEMENT DE MALADIES ASSOCIEES A L'ANGIOGENESE AU MOYEN DE COMPLEXES D'ARN CIBLANT ANGPT2 ET PDGFB**
[72] LEE, DONG-KI, KR
[72] HONG, SUN WOO, KR
[72] LEE, TAE YEON, KR
[72] LEE, SAE-LO-OOM, KR
[72] LEE, HANNA, KR
[72] YU, DAYEON, KR
[72] EOM, JI, KR
[71] OLIX PHARMACEUTICALS, INC., KR
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[54] **FORMULATIONS DE MEDICAMENTS AMELIOREES**
[72] MILLER, DAVE A., US
[72] ELLENBERGER, DANIEL J., US
[72] SCHILLING, SANDRA U., US
[71] DISPERSOL TECHNOLOGIES, LLC, US
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[51] **Int.Cl. F24F 5/00 (2006.01) B60H 1/00 (2006.01) F24F 11/00 (2018.01) F25D 3/02 (2006.01)**
[25] EN
[54] **FORCED AIR THERMAL ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE THERMIQUE A AIR FORCE**
[72] ANSTED, ROGER, US
[72] CRISMAN, MICHAEL P., US
[72] NABOZNY, STAN, US
[72] HAMPTON, BRIAN, US
[72] ROBBINS, PAUL, US
[71] VIKING COLD SOLUTIONS, INC., US
[85] 2018-11-01
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[30] US (62/332,903) 2016-05-06

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[51] **Int.Cl. G02B 21/36 (2006.01) G02B 21/22 (2006.01)**
[25] EN
[54] **SURGICAL STEREOSCOPIC VISUALIZATION SYSTEM WITH MOVABLE HEAD MOUNTED DISPLAY**
[54] **SYSTEME DE VISUALISATION STEREOSCOPIQUE CHIRURGICAL POURVU D'UN AFFICHAGE MONTE SUR TETE MOBILE**
[72] WATSON, ROBERT D., US
[72] WATSON, JAMES R., US
[71] WATSON, ROBERT D., US
[71] WATSON, JAMES R., US
[85] 2018-10-31
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[30] US (62/332,453) 2016-05-05
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[51] **Int.Cl. H02J 3/14 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD OF CONTROLLING ELECTRIC SUBMERSIBLE PUMP BASED ON DEMAND RESPONSE**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR LA COMMANDE DE POMPE ELECTRIQUE SUBMERSIBLE SUR LA BASE DE REPONSE A LA DEMANDE**
[72] HOYTE, SCOTT MORDIN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[30] US (62/334,616) 2016-05-11
[30] US (15/262,511) 2016-09-12

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[25] EN
[54] **COMBINATION THERAPIES USING INDAZOLYLBENZAMIDE DERIVATIVES FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIES UTILISANT DES DERIVES D'INDAZOLYLBENZAMIDE POUR LE TRAITEMENT DU CANCER**
[72] ORLEMANS, EVERARDUS O.M., US
[71] ESANEX, INC., US
[85] 2018-11-01
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[30] US (62/338,370) 2016-05-18

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[25] EN
[54] **METHOD AND APPARATUS FOR WETTING INTERNAL FLUID PATH SURFACES OF A FLUID PORT TO INCREASE ULTRASONIC SIGNAL TRANSMISSION**
[54] **PROCEDE ET APPAREIL POUR HUMIDIFIER DES SURFACES INTERNES DE CHEMIN DE FLUIDE D'UN ORIFICE DE FLUIDE POUR AUGMENTER LA TRANSMISSION DE SIGNAUX ULTRASONORES**
[72] VERMA, KAUSHAL, US
[72] FORD, BRANDI, US
[72] DEKALB, SHAWN WAYNE, US
[72] ZHU, HONG, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-11-01
[86] 2017-06-19 (PCT/US2017/038115)
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[54] **VOICE-CONTROLLED SYSTEM**
[54] **SYSTEME A COMMANDE VOCALE**
[72] AMRI, MASOUD, DE
[71] AMRI, MASOUD, DE
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[25] EN
[54] **COATING OF FUNCTIONAL PARTS MADE OF METAL**
[54] **REVETEMENT D'ELEMENTS FONCTIONNELS EN METAL**
[72] JIRASCHEK, STEFAN, AT
[72] KALSS, GEORG, AT
[72] HANSAL, SELMA, AT
[72] HANSAL, WOLFGANG, AT
[72] SANDULACHE, GABRIELA, AT
[71] HAAS FOOD EQUIPMENT GMBH, AT
[85] 2018-10-29
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[51] **Int.Cl. B01J 13/00 (2006.01) B82Y 30/00 (2011.01)**
[25] EN
[54] **PHASE TRANSFER FOR THE PREPARATION OF STABLE NANO-SCALE ORGANOSOLS**
[54] **TRANSFERT DE PHASE DESTINE A LA PREPARATION D'ORGANOSOLS NANOMETRIQUES STABLES**
[72] HUSEIN, MAEN, CA
[72] BORISOV, ALEXEY, CA
[71] NFLUIDS INC., CA
[85] 2018-11-01
[86] 2017-05-03 (PCT/CA2017/050536)
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[30] US (62/332,213) 2016-05-05

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[25] EN
[54] **METHOD FOR THE DE-AERATION OF FROTHS AND FOAMS**
[54] **PROCEDE DE DESAERATION DE MOUSSES ET D'ECUMES**
[72] WOODALL, PETER, AU
[72] SMITH, DANIEL, AU
[72] SMITH, BRENDAN SCOTT, AU
[71] GLENCORE TECHNOLOGY PTY LTD, AU
[85] 2018-10-31
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[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/16 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFFLINE STANDBUILDING**
[54] **SYSTEME ET PROCEDE DE SUPPORT HORS LIGNE**
[72] CALLAGHAN, JONATHAN DOUGLAS, CA
[71] DRECO ENERGY SERVICES ULC, CA
[85] 2018-11-01
[86] 2017-05-12 (PCT/CA2017/000125)
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[30] US (62/335,282) 2016-05-12

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[51] **Int.Cl. C01B 33/44 (2006.01) C08K 3/34 (2006.01) C08L 67/06 (2006.01)**
[25] EN
[54] **A PROCESS OF MANUFACTURING THICKENERS AND THE USE OF THUS PRODUCED THICKENERS IN HIGH-VISCOSITY UNSATURATED POLYESTER CONTAINING FORMULATIONS**
[54] **PROCEDE DE FABRICATION D'EPAISSISSANTS ET UTILISATION DES EPAISSISSANTS AINSI OBTENUS DANS DES FORMULATIONS CONTENANT DU POLYESTER INSATURE A HAUTE VISCOSITE**
[72] DZIWOK, KLAUS, DE
[72] NASH, TYLER, DE
[72] BRIELL, ROBERT, DE
[72] COUTELLE, HELMUT, DE
[71] BYK-CHEMIE GMBH, DE
[71] BYK USA, INC., US
[85] 2018-11-01
[86] 2017-06-19 (PCT/EP2017/064964)
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[51] **Int.Cl. F16K 31/122 (2006.01) F16K 11/044 (2006.01)**
[25] EN
[54] **SAFETY VALVE**
[54] **VANNE DE SECURITE**
[72] BALKENHOL, REINHARD, DE
[72] WIETHOFF, MAGNUS, DE
[72] FIGGENER, VERENA, DE
[71] GEA FARM TECHNOLOGIES GMBH, DE
[85] 2018-10-31
[86] 2017-04-28 (PCT/EP2017/060232)
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[30] DE (10 2016 108 300.3) 2016-05-04

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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **OPTICAL RECOGNITION SYSTEM FOR CAPSULES FOR THE PRODUCTION OF HOT BEVERAGES**
[54] **SYSTEME DE RECONNAISSANCE OPTIQUE DESTINE A DES CAPSULES POUR LA PRODUCTION DE BOISSONS CHAUDES**
[72] ROLLA, ALBERTO, IT
[71] GB PROGETTI S.R.L., IT
[85] 2018-10-29
[86] 2017-05-12 (PCT/IB2017/052812)
[87] (WO2017/195170)
[30] IT (102016000049084) 2016-05-12

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[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERITONEAL DIALYSIS HAVING POINT OF USE DIALYSIS FLUID PREPARATION USING WATER ACCUMULATOR AND DISPOSABLE SET**
[54] **SYSTEMES ET PROCEDES DE DIALYSE PERITONEALE AYANT UNE PREPARATION DE FLUIDE DE DIALYSE A POINT D'UTILISATION UTILISANT UN ACCUMULATEUR D'EAU ET UN ENSEMBLE JETABLE**
[72] EKDAHL, OLOF, SE
[72] JANSSON, OLOF, SE
[72] SZPARA, EDWARD, US
[71] GAMBRO LUNDIA AB, SE
[71] SZPARA, EDWARD, US
[85] 2018-11-01
[86] 2017-05-05 (PCT/US2017/031400)
[87] (WO2017/193069)
[30] US (62/332,617) 2016-05-06
[30] US (62/332,623) 2016-05-06
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[51] **Int.Cl. G02B 21/00 (2006.01)**
[25] EN
[54] **PREDICTIVE FOCUS TRACKING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE SUIVI PREDICTIF DE MISE AU POINT**
[72] ARIANPOUR, ASHKAN, US
[72] BAILEY, JOHN, US
[72] BLAIR, DUSTIN, US
[72] CHEN, XIANGLING (STEVE), US
[72] HONG, STANLEY S., US
[72] PRINCE, SIMON, US
[72] SIU, MEREK C., US
[72] ZHOU, CHUNHONG (ALLEN), US
[72] CONDELLO, DANILO, US
[71] ILLUMINA, INC., US
[85] 2018-11-01
[86] 2017-12-22 (PCT/IB2017/058383)
[87] (WO2018/127769)
[30] US (62/442,947) 2017-01-05
[30] GB (1704770.5) 2017-03-24

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[51] **Int.Cl. H01M 4/587 (2010.01) H01M 4/133 (2010.01) H01M 10/0525 (2010.01) H01M 10/0566 (2010.01) C01B 32/20 (2017.01) H01M 4/36 (2006.01)**
[25] EN
[54] **ANODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, METHOD OF PRODUCING ANODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, ANODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY**
[54] **MATERIAU D'ELECTRODE NEGATIVE DESTINE A UN ACCUMULATEUR LITHIUM-ION, PROCEDE DE FABRICATION DE MATERIAU D'ELECTRODE NEGATIVE DESTINE A UN ACCUMULATEUR LITHIUM-ION, ELECTRODE NEGATIVE DESTINEE A UN ACCUMULATEUR LITHIUM-ION, ET ACCUMULATEUR LITHIUM-ION**
[72] SATOH, TSUTOMU, JP
[72] TSUCHIYA, HIDEYUKI, JP
[72] ISAKA, MOTOHIRO, JP
[72] HOSHI, KENTO, JP
[72] SUGA, KEITA, JP
[72] UCHIYAMA, YOSHINORI, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-11-01
[86] 2017-04-28 (PCT/JP2017/017101)
[87] (WO2017/191820)
[30] JP (2016-092585) 2016-05-02

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[51] **Int.Cl. C07D 473/34 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ADENINE DERIVATIVES AS PROTEIN KINASE INHIBITORS**
[54] **DERIVES D'ADENINE EN TANT QU'INHIBITEURS DE PROTEINE KINASES**
[72] SURLERAUX, DOMINIQUE, FR
[72] AMIABLE, CLAIRE, FR
[72] GUILLON, REMI, FR
[71] B.C.I. PHARMA, BE
[85] 2018-10-31
[86] 2017-05-04 (PCT/EP2017/060730)
[87] (WO2017/191297)
[30] EP (16305530.4) 2016-05-04

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[51] **Int.Cl. B05B 7/04 (2006.01) C25B 1/12 (2006.01) C25B 1/26 (2006.01) F16K 1/54 (2006.01) F17C 13/02 (2006.01) G01N 27/403 (2006.01) G05D 16/20 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL APPARATUS FOR PRODUCING DISINFECTANT**
[54] **APPAREIL ELECTROCHIMIQUE POUR LA PRODUCTION DE DESINFECTANT**
[72] EDGAR, JOSEPH A., US
[72] KREFTA, ANDREW, IE
[71] H2ENVIRO LLC, US
[85] 2018-11-01
[86] 2017-05-08 (PCT/US2017/031602)
[87] (WO2017/193135)
[30] US (62/332,989) 2016-05-06

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[51] **Int.Cl. F03D 1/06 (2006.01)**
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[54] **WIND TURBINE BLADE INCLUDING PROTECTIVE COVER**
[54] **PALE D'EOLIENNE COMPRENANT UN COUVERCLE DE PROTECTION**
[72] KIRKEGAARD, MADS, DK
[72] GLIESE, THOMAS, DK
[71] POLYTECH A/S, DK
[85] 2018-10-31
[86] 2016-09-13 (PCT/IB2016/001297)
[87] (WO2018/051153)

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[13] A1
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/60 (2013.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR VERIFYING INTEGRITY OF A DIGITAL ASSET USING A DISTRIBUTED HASH TABLE AND A PEER-TO-PEER DISTRIBUTED LEDGER**
[54] **PROCEDE ET SYSTEME DE VERIFICATION DE L'INTEGRITE D'UN ACTIF NUMERIQUE A L'AIDE D'UNE TABLE DE HACHAGE DISTRIBUEE ET D'UN GRAND LIVRE DISTRIBUE POSTE A POSTE**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-10-31
[86] 2017-05-12 (PCT/IB2017/052800)
[87] (WO2017/195160)
[30] GB (1608463.4) 2016-05-13
[30] GB (1608456.8) 2016-05-13
[30] GB (1608454.3) 2016-05-13

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[51] **Int.Cl. A61K 31/56 (2006.01) A61K 31/352 (2006.01) A61K 31/573 (2006.01)**
[25] EN
[54] **CANNABIDIOL FOR REDUCING A STEROID DOSE AND TREATING INFLAMMATORY AND AUTOIMMUNE DISEASES**
[54] **CANNABIDIOL UTILISE POUR REDUIRE UNE DOSE DE STEROIDE ET POUR TRAITER DES MALADIES INFLAMMATOIRES ET AUTO-IMMUNES**
[72] YESHURUN, MOSHE, IL
[72] SAGIV, SARI PRUTCHI, IL
[71] STERO BIOTECHS LTD., IL
[85] 2018-10-31
[86] 2017-05-01 (PCT/IL2017/050483)
[87] (WO2017/191630)
[30] US (15/143,694) 2016-05-02

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[51] **Int.Cl. F16J 15/10 (2006.01) H01M 8/0271 (2016.01)**
[25] EN
[54] **GASKET AND METHOD FOR MOUNTING SAME**
[54] **JOINT D'ETANCHEITE ET SON PROCEDE DE MONTAGE**
[72] YUI, HAJIME, JP
[72] OBA, KENICHI, JP
[72] NISHIMURA, TAKURO, JP
[71] NOK CORPORATION, JP
[85] 2018-11-01
[86] 2017-03-30 (PCT/JP2017/013166)
[87] (WO2017/195489)
[30] JP (2016-094415) 2016-05-10

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[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 10/02 (2006.01) A61B 17/00 (2006.01) A61B 17/32 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **PUNCHING NEEDLE AND HANDPIECE USED FOR HAIR**
[54] **AIGUILLE DE PERFORATION UTILISEE POUR L'EXTRACTION DE CHEVEUX, ET PIECE A MAIN**
[72] PARK, JAE HYUN, KR
[72] PARK, CHOON BAE, KR
[71] PARK, JAE HYUN, KR
[71] PARK, CHOON BAE, KR
[85] 2018-10-31
[86] 2017-05-15 (PCT/KR2017/005020)
[87] (WO2017/196157)
[30] KR (10-2016-0058978) 2016-05-13
[30] KR (10-2016-0093747) 2016-07-22

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[51] **Int.Cl. B60K 17/04 (2006.01) B60K 17/12 (2006.01) B60K 17/16 (2006.01) B60K 23/04 (2006.01)**
[25] EN
[54] **A DIFFERENTIAL**
[54] **DIFFERENTIEL**
[72] FLAXMAN, ROBERT JOHN BONNER, GB
[71] QINETIQ LIMITED, GB
[85] 2018-11-02
[86] 2017-03-16 (PCT/EP2017/056313)
[87] (WO2017/198357)
[30] GB (1608753.8) 2016-05-18

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[13] A1
[51] **Int.Cl. A47J 37/12 (2006.01) A47J 27/00 (2006.01) A47J 36/00 (2006.01)**
[25] EN
[54] **FRYER APPARATUS AND METHOD FOR IMPROVED HEATING CONTROL OF A COOKING CHAMBER OF THE FRYER APPARATUS**
[54] **APPAREIL DE FRITEUSE, ET PROCEDE DE COMMANDE DE CHAUFFAGE AMELIOREE DE CHAMBRE DE CUISSON D'APPAREIL DE FRITEUSE**
[72] SHIRALI, MANOUCHEHR, US
[72] LANDWEHR, TIM ALAN, US
[71] HENNY PENNY CORPORATION, US
[85] 2018-11-02
[86] 2016-05-02 (PCT/US2016/030415)
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[51] **Int.Cl. A61K 47/56 (2017.01) A61K 47/58 (2017.01) A61K 47/61 (2017.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING AN OCULAR DISEASE OR DISORDER**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE OU D'UN TROUBLE OCULAIRE**
[72] HEALY, KEVIN E., US
[72] ALTIOK, EDA ISIL, US
[72] SCHAFFER, DAVID V., US
[72] JACKSON, WESLEY M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-10-31
[86] 2016-12-08 (PCT/US2016/065653)
[87] (WO2017/100470)
[30] US (62/265,293) 2015-12-09

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[13] A1
[51] **Int.Cl. H05B 3/42 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **OVEN ASSEMBLY WITH A SHAFT ELEMENT**
[54] **ENSEMBLE FOUR POURVU D'UN ELEMENT D'ARBRE**
[72] JOHNSON, DAVID M., US
[72] MELANDER, CHARLES H., US
[72] TERRY, MICHAEL G., US
[72] BERRY, CURTIS R., US
[71] INTREPID BRANDS LLC, US
[85] 2018-11-02
[86] 2017-04-20 (PCT/US2017/028559)
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[30] US (62/326,402) 2016-04-22

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[13] A1
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCING AN EXPANDED TRAINING SET FOR MACHINE LEARNING USING BIOLOGICAL SEQUENCES**
[54] **PROCEDES ET SYSTEMES DESTINES A PRODUIRE UN ENSEMBLE D'APPRENTISSAGE EXPANSE POUR L'APPRENTISSAGE MACHINE A L'AIDE DE SEQUENCES BIOLOGIQUES**
[72] FREY, BRENDAN JOHN, CA
[72] DELONG, ANDREW RHOMAS, CA
[72] XIONG, HUI YUAN, CA
[71] DEEP GENOMICS INCORPORATED, CA
[85] 2018-11-02
[86] 2016-05-04 (PCT/CA2016/050510)
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[51] **Int.Cl. A61F 5/00 (2006.01) A61F 5/44 (2006.01) A61F 5/445 (2006.01) A61F 5/448 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **MULTI-PETALED MOUNTING MEMBERS FOR OSTOMY POUCHES**
[54] **ELEMENTS DE MONTAGE A PETALES MULTIPLES POUR POCHES DE STOMIE**
[72] FENTON, GARY H., US
[71] MARLEN MANUFACTURING AND DEVELOPMENT CO., US
[85] 2018-10-31
[86] 2016-12-09 (PCT/US2016/065774)
[87] (WO2017/075634)
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[54] **COMPOSITION FOR POLYESTER HYDROLYTIC STABILIZATION**
[54] **COMPOSITION POUR LA STABILISATION HYDROLYTIQUE DE POLYESTER**
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[72] WEGNER, JAN-ERIK, DE
[72] GROESELING, MIRCO, DE
[72] WOLF, JUERGEN, DE
[71] CLARIANT PLASTICS & COATINGS LTD, CH
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[51] **Int.Cl. B07B 1/28 (2006.01)**
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[54] **APPARATUS, SYSTEM AND METHOD FOR INSTALLING A SCREEN ASSEMBLY IN A GYRATORY SIFTER**
[54] **APPAREIL, SYSTEME ET PROCEDE D'INSTALLATION D'UN ENSEMBLE TAMIS DANS UN CRIBLE GIRATOIRE**
[72] TIMMERMAN, MICHAEL, US
[71] M-I L.L.C., US
[85] 2018-11-02
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[54] **DETECTION OF LUNG NEOPLASIA BY ANALYSIS OF METHYLATED DNA**
[54] **DETECTION DE NEOPLASIE PULMONAIRE PAR ANALYSE D'ADN METHYLE**
[72] ALLAWI, HATIM, US
[72] LIDGARD, GRAHAM P., US
[72] GIAKOUMOPOULOS, MARIA, US
[72] AHLQUIST, DAVID A., US
[72] TAYLOR, WILLIAM R., US
[72] MAHONEY, DOUGLAS, US
[71] EXACT SCIENCES DEVELOPMENT COMPANY, LLC, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[54] **ADJUSTABLE SPLIT WEIGHT GYRATORY SIFTER**
[54] **TAMIS GIRATOIRE A POIDS DIVISE AJUSTABLE**
[72] MAYER, MARC, US
[72] LUNNEMANN, ROBERT, US
[71] M-I L.L.C., US
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[86] 2017-04-26 (PCT/US2017/029519)
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[54] **INSTRUMENTED ORTHOTIC**
[54] **ORTHESE INSTRUMENTEE**
[72] SELNER, ALLEN, US
[71] SELNER, ALLEN, US
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[51] **Int.Cl. G06F 3/01 (2006.01) G06T 7/246 (2017.01) G06T 7/73 (2017.01)**
[25] EN
[54] **METHOD FOR SETTING A VIEWING DIRECTION IN A REPRESENTATION OF A VIRTUAL ENVIRONMENT**
[54] **PROCEDE DE REGLAGE D'UNE DIRECTION DE REGARD DANS UNE REPRESENTATION D'UN ENVIRONNEMENT VIRTUEL**
[72] MUTSCHLER, CHRISTOPHER, DE
[72] FEIGL, TOBIAS, DE
[72] DAXER, CHRISTIAN, DE
[72] OTTO, STEPHAN, DE
[72] COSMIN-IONUT, BERCEA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **TRKB AGONIST ANTIBODIES FOR TREATING NEURODEGENERATIVE DISORDERS**
[54] **ANTICORPS AGONISTES DE TRKB POUR LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS**
[72] LERNER, RICHARD A., US
[72] LINDSAY, RONALD M., US
[72] XIE, JIA, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[71] ZEBRA BIOLOGICS, INC, US
[85] 2018-11-02
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[54] **DROPLET DELIVERY DEVICE FOR DELIVERY OF FLUIDS TO THE PULMONARY SYSTEM AND METHODS OF USE**
[54] **DISPOSITIF D'ADMINISTRATION DE GOUTTELETTES POUR L'ADMINISTRATION DE FLUIDES AU SYSTEME PULMONAIRE ET METHODES D'UTILISATION**
[72] GERMINARIO, LOUIS THOMAS, US
[72] HEBRANK, JOHN H., US
[72] HUNTER, CHARLES ERIC, US
[72] HUNTER, JACK C., US
[72] LI, CHENGJIE, US
[72] MAURER, CHRISTOPHER W., US
[71] PNEUMA RESPIRATORY, INC., US
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[54] **VIBRATORY SCREENING APPARATUS**
[54] **APPAREIL DE TAMISAGE VIBRANT**
[72] GRONVALL, LARS, SE
[71] METSO MINERALS, INC., FI
[85] 2018-11-02
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[54] **SYSTEMS AND METHODS FOR PULMONARY HEALTH MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE SANTE PULMONAIRE**
[72] GERMINARIO, LOUIS THOMAS, US
[72] HEBRANK, JOHN H., US
[72] HUNTER, CHARLES ERIC, US
[72] STERN, THOMAS P., US
[71] PNEUMA RESPIRATORY, INC., US
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[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, LIHUI, CN
[72] LIU, LIU, CN
[72] JIANG, HUILING, CN
[71] NTT DOCOMO, INC., JP
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[54] **BOUCHON**
[72] SPRICK, WILLIAM D., US
[72] FAUBION, TODD D., US
[72] DEUTSCH, MARK A., US
[72] BRAGG, JASON A., US
[72] KORING, KARLA S., US
[71] BERRY GLOBAL, INC., US
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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 35/28 (2015.01) A61K 35/407 (2015.01)**
[25] EN
[54] **PHARMACEUTICAL CARRIERS CONTAINING MIRNAS FOR USE IN THE TREATMENT OF FIBROTIC DISEASES CAUSED BY HYPERGLYCEMIA**
[54] **SUPPORTS PHARMACEUTIQUES CONTENANT DES MIARN POUR UTILISATION DANS LE TRAITEMENT DES MALADIES FIBROTIQUES PROVOQUEES PAR L'HYPERGLYCEMIE**
[72] BRIZZI, MARIA FELICE, IT
[72] CAMUSSI, GIOVANNI, IT
[71] UNICYTE EV AG, CH
[85] 2018-11-02
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[54] **SYSTEMS AND METHODS FOR AUTOMATED MEDICAL DIAGNOSTICS**
[54] **SYSTEMES ET PROCEDES POUR DIAGNOSTICS MEDICAUX AUTOMATISES**
[72] BATES, JAMES STEWART, US
[71] BATES, JAMES STEWART, US
[85] 2018-11-02
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[25] EN
[54] **COMPOSITION FOR HYDROLYTIC STABILIZATION OF POLYESTERS**
[54] **COMPOSITION POUR LA STABILISATION HYDROLYTIQUE DE POLYESTERS**
[72] WARTIG, KAREN-ALESSA, DE
[71] CLARIANT PLASTICS & COATINGS LTD, CH
[85] 2018-11-02
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[25] EN
[54] **VACCINE COMPOSITIONS COMPRISING AN AMPHIPATHIC COMPOUND, A NEOANTIGEN AND A HYDROPHOBIC CARRIER, AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE VACCIN COMPRENANT UN COMPOSE AMPHIPATHIQUE, UN NEOANTIGENE ET UN SUPPORT HYDROPHOBE, ET LEURS PROCEDES D'UTILISATION**
[72] STANFORD, MARIANNE, CA
[72] ORS, FREDERIC, CA
[72] SAMMATUR, LEELADHAR, CA
[72] WEIR, GENEVIEVE, CA
[71] IMMUNOVACCINE TECHNOLOGIES INC., CA
[85] 2018-11-02
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[54] **CHASSIS ROULANT MODULAIRE POUR VEHICULE**
[72] TRENNE, RODNEY J., US
[72] HOYLE, RICH WINSTON, US
[72] REISNER, HENRY RICHARD, CA
[72] THEOBALD, EDWARD RUSSELL, CA
[72] KROLL, JERRY, CA
[71] ELECTRAMECCANICA VEHICLES CORP., CA
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[51] **Int.Cl. C25B 11/04 (2006.01) C22C 23/02 (2006.01) C25B 9/12 (2006.01) C25B 11/02 (2006.01)**
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[54] **MAGNESIUM-BASED ALLOY AND USE OF SAME IN THE PRODUCTION OF ELECTRODES AND THE ELECTROCHEMICAL SYNTHESIS OF STRUVITE**
[54] **ALLIAGE A BASE DE MAGNESIUM ET SON UTILISATION DANS LA FABRICATION D'ELECTRODES ET LA SYNTHESE ELECTROCHIMIQUE DE LA STRUVITE**
[72] BEN SALAH, IHSEN, CA
[72] LAAROUSSI, MOHAMED, CA
[71] E2METRIX, INC., CA
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[86] 2017-05-03 (PCT/CA2017/050537)
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[30] CA (2,928,823) 2016-05-04

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[51] **Int.Cl. A47J 31/56 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **APPARATUS FOR PREPARING AND DISPENSING BEVERAGES**
[54] **APPAREIL DE PREPARATION ET DE DISTRIBUTION DE BOISSONS**
[72] DOGLIONI MAJER, CARLO (DECEASED), IT
[71] RHEAVENDORS SERVICES S.P.A., IT
[85] 2018-11-02
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[51] **Int.Cl. H04B 7/06 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **BEAM REPORTING AND SCHEDULING IN MULTICARRIER BEAMFORMED COMMUNICATIONS**
[54] **ETABLISSEMENT DE RAPPORTS ET PLANIFICATION DE FAISCEAUX DANS DES COMMUNICATIONS FORMEES EN FAISCEAUX A PORTEUSES MULTIPLES**
[72] AKKARAKARAN, SONY, US
[72] LUO, TAO, US
[72] NAGARAJA, SUMEETH, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/350,630) 2016-06-15
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[54] **SYSTEMS AND METHODS FOR MONITORING TEMPERATURE OR MOVEMENT OF MERCHANDISE**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER LA TEMPERATURE OU LE MOUVEMENT DE MARCHANDISES**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[71] WALMART APOLLO, LLC, US
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[54] **RECUPERATOR FOR EXCHANGING ENERGY BETWEEN TWO AIR FLOWS**
[54] **RECUPERATEUR DESTINE A ECHANGER DE L'ENERGIE ENTRE DEUX ECOULEMENTS D'AIR**
[72] VAN KASTEREN, MARINUS HENRICUS JOHANNES, NL
[71] RECAIR HOLDING B.V., NL
[85] 2018-11-01
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[87] (WO2017/192038)
[30] NL (2016731) 2016-05-03

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[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/117 (2016.01)**
[25] EN
[54] **TACTILE SENSING DEVICE FOR LUMBAR PUNCTURES**
[54] **DISPOSITIF DE DETECTION TACTILE POUR PONCTIONS LOMBAIRES**
[72] MOSKOWITZ, NICOLE C., US
[72] TRAVER, JESSICA, US
[72] GARCIA-ROJAS, XAVIER, US
[72] GANJEH, YASHAR, US
[71] TEXAS MEDICAL CENTER, US
[85] 2018-10-31
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[51] **Int.Cl. A61K 38/22 (2006.01) A61K 9/00 (2006.01) A61K 9/28 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF PROVIDING THYROID HORMONE OR ANALOGS THEREOF**
[54] **COMPOSITIONS ET METHODES PERMETTANT D'APPORTER DE L'HORMONE THYROIDIENNE OU DES ANALOGUES DE CELLE-CI**
[72] TENGLER, MARK, US
[71] SPECTRIX THERAPEUTICS, LLC, US
[85] 2018-11-01
[86] 2017-05-01 (PCT/US2017/030435)
[87] (WO2017/192458)
[30] US (62/331,148) 2016-05-03
[30] US (62/344,271) 2016-06-01
[30] US (15/583,695) 2017-05-01

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[25] EN
[54] **LOW-TO-MID RANGE WATER-REDUCING POLYMER WITH MIXED POLYOXYALKYLENE SIDE CHAINS**
[54] **POLYMERE REDUCTEUR D'EAU DE HAUT A MOYEN POUVOIR DE REDUCTION AVEC CHAINES LATERALES POLYOXYALKYLENE MIXTES**
[72] KUO, LAWRENCE L., US
[71] GCP APPLIED TECHNOLOGIES INC., US
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030532)
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[30] US (15/144,958) 2016-05-03

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[51] **Int.Cl. F16B 12/20 (2006.01) F16B 12/46 (2006.01)**
[25] EN
[54] **JOINT FOR THE FIRM INTERCONNECTION OF A FIRST AND A SECOND PANEL OF FURNITURE AND OTHER FURNISHING ITEMS**
[54] **ASSEMBLAGE DESTINE AU RACCORD SOLIDE D'UN PREMIER ET D'UN SECOND PANNEAU DE MOBILIER ET D'AUTRES ARTICLES D'AMEUBLEMENT**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
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[86] 2017-06-16 (PCT/EP2017/064798)
[87] (WO2018/007128)
[30] IT (102016000070959) 2016-07-07

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[51] **Int.Cl. A61K 31/65 (2006.01) C07C 237/26 (2006.01)**
[25] EN
[54] **9-AMINOMETHYL MINOCYCLINE COMPOUNDS AND METHODS OF USE THEREOF IN URINARY TRACT INFECTION (UTI) TREATMENT**
[54] **COMPOSES DE 9-AMINOMETHYL-MINOCYCLINE ET LEURS PROCEDES D'UTILISATION DANS LE TRAITEMENT DE L'INFECTION DES VOIES URINAIRES (IVU)**
[72] MANLEY, AMY L., US
[72] TZANIS, EVANGELOS L., US
[72] GARRITY-RYAN, LYNNE, US
[72] TANAKA, S. KEN, US
[72] STEENBERGEN, JUDITH N., US
[72] BAI, STEPHEN, US
[71] PARATEK PHARMACEUTICALS, INC., US
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[87] (WO2017/192516)
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[30] US (62/350,332) 2016-06-15
[30] US (62/415,988) 2016-11-01
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[51] **Int.Cl. H01R 11/15 (2006.01)**
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[54] **LOCKING GROUNDING CLAMP**
[54] **PINCE DE MISE A LA TERRE A VERROUILLAGE**
[72] QUAEDVLIEG, PHILLIP HOWARD, CA
[72] WABNEGGER, DAVID KARL, CA
[72] TOTH, JANOS CSABA, CA
[72] O'CONNELL, DANIEL NEIL, CA
[71] QUANTA ASSOCIATES, L.P., US
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030621)
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[51] **Int.Cl. E06B 7/32 (2006.01)**
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[54] **PET DOOR SYSTEM HAVING SEMI-FLEXIBLE PET DOOR**
[54] **SYSTEME DE PORTE POUR ANIMAL DE COMPAGNIE AYANT UNE PORTE SEMI-FLEXIBLE POUR ANIMAL DE COMPAGNIE**
[72] BONGE, NICHOLAS JAY, JR., US
[71] BONGE, NICHOLAS JAY, JR., US
[85] 2018-10-31
[86] 2017-05-10 (PCT/US2017/032003)
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[51] **Int.Cl. H01H 31/26 (2006.01) H01H 3/32 (2006.01) H01H 31/02 (2006.01) H01H 33/04 (2006.01) H01H 33/59 (2006.01) H01H 33/66 (2006.01)**
[25] EN
[54] **WHIP AND LOOP INTERRUPTER COMBINATION**
[54] **COMBINAISON D'INTERRUPTEUR FOUET ET BOUCLE**
[72] RHEIN, DAVID, US
[72] LOUCKS, NATHAN SCOT, US
[71] HUBBELL INCORPORATED, US
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030633)
[87] (WO2017/192582)
[30] US (62/330,550) 2016-05-02

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[13] A1
[51] **Int.Cl. B23K 35/30 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **FIELD DISSIMILAR METAL WELDING TECHNOLOGY FOR ENHANCED WEAR RESISTANT HIGH MANGANESE STEEL**
[54] **TECHNOLOGIE DE SOUDAGE DE METAUX DISSEMBLABLES SUR LE TERRAIN POUR ACIER A TENEUR ELEVEE EN MANGANESE RESISTANT A L'USURE PERFECTIONNE**
[72] WASSON, ANDREW J., US
[72] FAIRCHILD, DOUGLAS P., US
[72] JIN, HYUNWOO, US
[72] YUE, XIN, US
[72] HAN, IIWOOK, KR
[72] LEE, SANGCHUL, KR
[72] LEE, BONGKEUN, KR
[72] LEE, JONGSUB, KR
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[71] POSCO, KR
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030689)
[87] (WO2017/192621)
[30] US (62/330,405) 2016-05-02

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYSIS OF HYDRAULICALLY-FRACTURED RESERVOIRS**
[54] **PROCEDES ET SYSTEMES POUR L'ANALYSE DE RESERVOIRS A FRACTURATION HYDRAULIQUE**
[72] ENKABABIAN, PHILIPPE, US
[72] POTAPENKO, DMITRIY IVANOVICH, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030709)
[87] (WO2017/192635)
[30] US (15/145,472) 2016-05-03

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTABLISHING WELL PERFORMANCE DURING PLUG MILL-OUT OR CLEANOUT/WORKOVER OPERATIONS**
[54] **PROCEDE ET SYSTEME POUR ETABLIR DES PERFORMANCES DE PUITS PENDANT DES OPERATIONS DE BROYAGE OU DE NETTOYAGE/RECONDITIONNEMENT DE BOUCHON**
[72] ENKABABIAN, PHILIPPE, US
[72] POTAPENKO, DMITRIY IVANOVICH, US
[72] WILLBERG, DEAN MICHAEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030721)
[87] (WO2017/192643)
[30] US (15/145,396) 2016-05-03

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[51] **Int.Cl. A23L 3/005 (2006.01) A23L 27/00 (2016.01) A23L 27/10 (2016.01) A23L 27/14 (2016.01)**
[25] EN
[54] **RF PROCESS FOR TREATING SEASONING COMPONENTS**
[54] **PROCEDE RF DE TRAITEMENT DE COMPOSANTS D'ASSAISONNEMENT**
[72] LOMBARDO, STEPHEN, US
[72] NGO, THAO XUAN, US
[72] CONWAY, WILLIAM, US
[72] GIANNELLI, MATTHEW JOHN, US
[71] MCCORMICK & COMPANY, INCORPORATED, US
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030785)
[87] (WO2017/192683)
[30] US (62/331,579) 2016-05-04

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[13] A1
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING SEARCH RESULTS FOR A TRADEMARK QUERY IN AN INTERACTIVE GRAPHICAL REPRESENTATION**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE DES RESULTATS DE RECHERCHE D'UNE REQUETE DE MARQUE DE COMMERCE DANS UNE REPRESENTATION GRAPHIQUE INTERACTIVE**
[72] ANDERSON, STEPHEN C., US
[71] CORSEARCH, INC., US
[85] 2018-11-01
[86] 2017-05-04 (PCT/US2017/031026)
[87] (WO2017/192831)
[30] US (15/147,614) 2016-05-05

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[13] A1
[51] **Int.Cl. E21B 23/06 (2006.01) E21B 43/1185 (2006.01) F42D 1/045 (2006.01)**
[25] EN
[54] **DIRECTLY INITIATED ADDRESSABLE POWER CHARGE**
[54] **CHARGE D'ALIMENTATION ADRESSABLE DIRECTEMENT AMORCEE**
[72] MONTOYA ASHTON, LAURA, US
[72] ACEVEDO, ISAIAH, US
[72] BRADLEY, RICHARD WAYNE, US
[72] COVALT, JOHNNY, US
[72] SOKOLOVE, CHRISTOPHER BRIAN, US
[71] HUNTING TITAN, INC., US
[85] 2018-11-01
[86] 2017-05-04 (PCT/US2017/031102)
[87] (WO2017/192878)
[30] US (62/331,555) 2016-05-04

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[51] **Int.Cl. B01D 15/08 (2006.01) C07H 1/06 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **RAPID EXTRACTION OF NUCLEIC ACIDS FROM CLINICAL SAMPLES FOR DOWNSTREAM APPLICATIONS**
[54] **EXTRACTION RAPIDE D'ACIDES NUCLEIQUES A PARTIR D'ECHANTILLONS CLINIQUES POUR DES APPLICATIONS EN AVAL**
[72] DEAN, DEBORAH ANNE, US
[72] ALNABELSEYA, NOOR, US
[71] CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND, US
[85] 2018-11-01
[86] 2017-05-04 (PCT/US2017/031138)
[87] (WO2017/192902)
[30] US (62/331,881) 2016-05-04
[30] US (62/470,152) 2017-03-10

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) B64D 43/00 (2006.01)**
[25] EN
[54] **CREW ALERTING SYSTEMS AND METHODS FOR MOBILE PLATFORMS**
[54] **SYSTEMES ET PROCEDES D'ALERTE DE L'EQUIPAGE POUR DES PLATES-FORMES MOBILES**
[72] OUELLETTE, BENOIT, CA
[71] BOMBARDIER INC., CA
[85] 2018-11-01
[86] 2017-05-01 (PCT/IB2017/052518)
[87] (WO2017/191543)
[30] US (62/331,048) 2016-05-03

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERITONEAL DIALYSIS HAVING POINT OF USE DIALYSIS FLUID PREPARATION INCLUDING TESTING THEREOF**
[54] **SYSTEMES ET PROCEDES DE DIALYSE PERITONEALE AYANT UNE PREPARATION DE FLUIDE DE DIALYSE AU POINT D'UTILISATION COMPRENANT UN TEST DE CETTE DERNIERE**
[72] WELLINGS, ANDERS, US
[72] WIESLANDER, ANDERS, SE
[72] JANSSON, OLOF, SE
[71] GAMBRO LUNDIA AB, SE
[71] WELLINGS, ANDERS, US
[85] 2018-11-01
[86] 2017-05-05 (PCT/US2017/031396)
[87] (WO2017/193065)
[30] US (62/332,617) 2016-05-06
[30] US (62/332,623) 2016-05-06
[30] US (62/332,630) 2016-05-06

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 20/20 (2012.01) G01G 19/40 (2006.01)**
[25] EN
[54] **STOCKING LEVEL INDICATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INDICATION DE NIVEAU DE STOCKAGE**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-01
[86] 2017-05-01 (PCT/US2017/030354)
[87] (WO2017/192427)
[30] US (62/332,270) 2016-05-05

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[13] A1
[51] **Int.Cl. C11D 3/386 (2006.01) C11D 1/14 (2006.01) C11D 3/00 (2006.01) C11D 3/18 (2006.01) C11D 3/20 (2006.01) C11D 3/50 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS INCLUDING NUCLEASE ENZYME AND MALODOR REDUCTION MATERIALS**
[54] **COMPOSITIONS DE NETTOYAGE COMPRENANT UNE ENZYME NUCLEASE ET DES MATIERES REDUISANT LES MAUVAISES ODEURS**
[72] LANT, NEIL JOSEPH, GB
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] FRANKENBACH, GAYLE MARIE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-11-01
[86] 2017-06-07 (PCT/US2017/036307)
[87] (WO2017/214244)
[30] US (62/347,669) 2016-06-09

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[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) B01B 1/00 (2006.01) C07C 273/04 (2006.01) C07C 273/16 (2006.01)**
[25] EN
[54] **UREA PRODUCTION WITH CONTROLLED BIURET**
[54] **PRODUCTION D'UREE AVEC BIURET REGULE**
[72] MOSTERT, EELCO, NL
[71] STAMICARBON B.V., NL
[85] 2018-11-02
[86] 2017-04-28 (PCT/NL2017/050271)
[87] (WO2017/192032)
[30] EP (16168115.0) 2016-05-03

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[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/95 (2006.01)**
[25] EN
[54] **SOLID INSPECTION APPARATUS AND METHOD OF USE**
[54] **APPAREIL D'INSPECTION DE SOLIDE ET PROCEDE D'UTILISATION**
[72] EARNEY, JOHN GERHARDT, US
[72] PINTO, JOSEPH FRANCIS, US
[72] BOWEN, M. SHANE, US
[72] GRAIGE, MICHAEL S., US
[72] PITERA, ARTHUR, US
[72] VENKATESAN, BALA MURALI K., US
[72] YUAN, DAJUN A., US
[71] ILLUMINA, INC., US
[85] 2018-11-01
[86] 2017-12-11 (PCT/US2017/065606)
[87] (WO2018/128753)
[30] US (62/443,675) 2017-01-07

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[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/03 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE, FLEXIBLE, AND COMPACT LOW-DENSITY PARITY-CHECK (LDPC) CODE**
[54] **CODES DE CONTROLE DE PARITE BASSE DENSITE (LDPC) ELEVES EN ASSOCIATION AVEC UNE DEMANDE DE REPETITION AUTOMATIQUE HYBRIDE**
[72] RICHARDSON, THOMAS JOSEPH, US
[72] KUDEKAR, SHRINIVAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-11-01
[86] 2017-06-14 (PCT/US2017/037465)
[87] (WO2017/218665)
[30] US (62/349,784) 2016-06-14
[30] US (62/374,514) 2016-08-12
[30] US (15/622,008) 2017-06-13

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[13] A1
[51] **Int.Cl. C12P 21/08 (2006.01)**
[25] EN
[54] **METHODS OF DECREASING TRISULFIDE BONDS DURING RECOMBINANT PRODUCTION OF POLYPEPTIDES**
[54] **PROCEDES DE DIMINUTION DES LIAISONS TRISULFURES PENDANT LA PRODUCTION RECOMBINANTE DE POLYPEPTIDES**
[72] GAWLITZEK, MARTIN, US
[72] MARKERT, SVEN, DE
[72] POPP, OLIVER, DE
[72] SHIRATORI, MASARU KEN, US
[72] TROEBS, THOMAS, DE
[72] WUU, JESSICA, US
[71] GENENTECH, INC., US
[85] 2018-11-01
[86] 2017-05-09 (PCT/US2017/031832)
[87] (WO2017/196902)
[30] US (62/334,433) 2016-05-10

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[13] A1
[51] **Int.Cl. C23C 30/00 (2006.01) C23C 28/00 (2006.01) C23C 28/04 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **THERMAL BARRIER SYSTEM WITH BOND COAT BARRIER**
[54] **SYSTEME DE BARRIERE THERMIQUE COMPRENANT BARRIERE DE COUCHE DE LIAISON**
[72] CHAPMAN, JULIE MARIE, US
[72] ECKERT, ROBERT, US
[72] DAS, NRIPENDRA NATH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-11-01
[86] 2017-05-09 (PCT/US2017/031837)
[87] (WO2017/196905)
[30] US (15/149,348) 2016-05-09

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **VIRTUAL CLUSTER GROUP BASED UPLINK CONTROL CHANNEL**
[54] **CANAL DE COMMANDE SUR LA LIAISON MONTANTE FONDE SUR UN GROUPE DE GRAPPES VIRTUEL**
[72] HUANG, YI, US
[72] LUO, TAO, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] ZENG, WEI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-11-01
[86] 2017-05-26 (PCT/US2017/034781)
[87] (WO2017/218166)
[30] US (62/350,667) 2016-06-15
[30] US (15/411,904) 2017-01-20

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[13] A1
[51] **Int.Cl. H01L 21/02 (2006.01) H01L 21/68 (2006.01)**
[25] EN
[54] **WAFER ALIGNMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'ALIGNEMENT DE TRANCHE**
[72] MAINS, PETER, US
[72] PRABHU, ANMIV S., US
[72] CAPELLA, RICHARD, US
[72] SAMIEE, KEVAN, US
[71] ILLUMINA, INC., US
[85] 2018-11-01
[86] 2017-12-20 (PCT/US2017/067496)
[87] (WO2018/144154)
[30] US (62/452,602) 2017-01-31

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 9/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **FLOWCELL CARTRIDGE WITH FLOATING SEAL BRACKET**
[54] **CARTOUCHE A CELLULE D'ECOULEMENT AVEC BRACKET D'ETANCHEITE FLOTTANT**
[72] KAPLAN, DAVID ELLIOTT, US
[72] DE RUYTER, ANTHONY JOHN, US
[72] KELLEY, RICHARD ALAN, US
[72] KUMAR, ASHISH, US
[71] ILLUMINA, INC., US
[85] 2018-11-01
[86] 2017-12-21 (PCT/US2017/067832)
[87] (WO2018/128839)
[30] US (62/441,927) 2017-01-03
[30] GB (1704769.7) 2017-03-24
[30] US (15/841,109) 2017-12-13

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[13] A1
[51] **Int.Cl. C12Q 1/6832 (2018.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **METHODS AND APPARATUS THAT INCREASE SEQUENCING-BY-BINDING EFFICIENCY**
[54] **METHODES ET APPAREIL QUI AUGMENTENT L'EFFICACITE DE SEQUENCAGE PAR LIAISON**
[72] STROMBERG, SEAN, US
[72] VIECELI, JOHN, US
[72] VIJAYAN, KANDASWAMY, US
[72] OLIPHANT, ARNOLD, US
[71] OMNIOME, INC., US
[85] 2018-11-01
[86] 2018-04-25 (PCT/US2018/029420)
[87] (WO2018/200709)
[30] US (62/489,610) 2017-04-25
[30] US (62/526,514) 2017-06-29
[30] US (15/712,632) 2017-09-22
[30] US (15/922,787) 2018-03-15

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/00 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **ANTI-KV1.3 ANTIBODIES, AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **ANTICORPS ANTI-KV 1.3 ET PROCEDES POUR LES PRODUIRE ET LES UTILISER**
[72] MARIEN, LORE, BE
[72] VAN DER WONING, BAS, NL
[72] DE HAARD, HANS, NL
[72] HARRIMAN, WILLAM D., US
[72] COLLARINI, ELLEN J., US
[72] COLUSSI, PAUL, US
[72] BEDNENKO, JANNA, US
[72] BISHARYAN, YELENA, US
[72] PAPOYAN, ASHOT, US
[72] CARDARELLI, JOANNA, US
[72] CLARK, THEODORE G., US
[72] KAHN, R., DOUGLAS, US
[71] TETRAGENETICS, INC., US
[71] MARIEN, LORE, BE
[71] VAN DER WONING, BAS, NL
[71] DE HAARD, HANS, NL
[71] HARRIMAN, WILLAM D., US
[71] COLLARINI, ELLEN J., US
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030612)
[87] (WO2017/192567)
[30] US (62/330,420) 2016-05-02
[30] US (62/416,447) 2016-11-02

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[13] A1
[51] **Int.Cl. B23K 35/30 (2006.01) B23K 9/16 (2006.01)**
[25] EN
[54] **FIELD GIRTH WELDING TECHNOLOGY FOR HIGH MANGANESE STEEL SLURRY PIPELINES**
[54] **TECHNOLOGIE DE SOUDAGE D'ENTRETOISES SUR LE TERRAIN POUR CONDUITES DE BOUES D'ACIER A TENEUR ELEVEE EN MANGANESE**
[72] WASSON, ANDREW J., US
[72] ANDERSON, TIMOTHY D., US
[72] FAIRCHILD, DOUGLAS P., US
[72] YUE, XIN, US
[72] JIN, HYUNWOO, US
[72] MA, NING, US
[72] HAN, IIWOOK, KR
[72] LEE, SANGCHUL, KR
[72] LEE, BONGKEUN, KR
[72] LEE, JONGSUB, KR
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[71] POSCO, KR
[85] 2018-11-01
[86] 2017-05-02 (PCT/US2017/030686)
[87] (WO2017/192619)
[30] US (62/330,415) 2016-05-02

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[13] A1
[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **ULTRASONIC ALGAE CONTROL**
[54] **LUTTE ULTRASONORE CONTRE LES ALGUES**
[72] TRIGIANI, ANTONIO, US
[71] TRIGIANI, ANTONIO, US
[85] 2018-11-01
[86] 2017-05-03 (PCT/US2017/030937)
[87] (WO2017/192789)
[30] US (62/331,151) 2016-05-03
[30] US (62/348,265) 2016-06-10

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[13] A1
[51] **Int.Cl. A61K 47/12 (2006.01) A61K 9/08 (2006.01) A61K 31/155 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS**
[54] **COMPOSITIONS OPHTALMIQUES**
[72] SHABTO, URI, US
[71] SACSH CORP., US
[85] 2018-11-01
[86] 2017-05-05 (PCT/US2017/031211)
[87] (WO2017/192944)
[30] US (62/332,789) 2016-05-06
[30] US (62/337,571) 2016-05-17

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[13] A1
[51] **Int.Cl. F02K 1/70 (2006.01)**
[25] EN
[54] **THRUST REVERSER ASSEMBLY**
[54] **ENSEMBLE INVERSEUR DE POUSSEE**
[72] CALDER, DAVID PATRICK, US
[72] HOWARTH, GRAHAM FRANK, US
[72] ROACH, ANDREW MICHAEL, US
[72] BEASMAN, TIMOTHY ROBERT, US
[71] MRA SYSTEMS, LLC, US
[85] 2018-11-01
[86] 2017-05-05 (PCT/US2017/031380)
[87] (WO2017/193052)
[30] US (15/148,472) 2016-05-06

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[13] A1
[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERITONEAL DIALYSIS HAVING POINT OF USE DIALYSIS FLUID PREPARATION INCLUDING MIXING AND HEATING THEREFORE**
[54] **SYSTEMES ET PROCEDES DE DIALYSE PERITONEALE AYANT UNE PREPARATION DE FLUIDE DE DIALYSE AU POINT D'UTILISATION COMPRENANT MELANGE ET CHAUFFAGE ASSOCIES**
[72] FITZGERALD, JANE, US
[72] MARRY, RYAN, US
[72] NORMAN, JOHN, US
[72] ASCENZO, JAMES, US
[72] CHEN, MENG-YANG, US
[72] WELLINGS, ANDERS, US
[72] SZPARA, EDWARD, US
[72] JANSSON, OLOF, SE
[71] GAMBRO LUNDIA AB, SE
[85] 2018-11-01
[86] 2017-05-05 (PCT/US2017/031405)
[87] (WO2017/193073)
[30] US (62/332,617) 2016-05-06
[30] US (62/332,623) 2016-05-06
[30] US (62/332,630) 2016-05-06

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[13] A1
[51] **Int.Cl. C09K 11/61 (2006.01)**
[25] EN
[54] **MANGANESE-DOPED PHOSPHOR MATERIALS FOR HIGH POWER DENSITY APPLICATIONS**
[54] **MATIERES FLUORESCENTES DOPEES AU MANGANESE POUR APPLICATIONS A DENSITE DE PUISSANCE ELEVEE**
[72] MURPHY, JAMES EDWARD, US
[72] CAMARDELLO, SAM JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-11-01
[86] 2017-05-09 (PCT/US2017/031654)
[87] (WO2017/196779)
[30] US (62/333,477) 2016-05-09

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **METHODS FOR BREAKING IMMUNOLOGICAL TOLERANCE USING MULTIPLE GUIDE RNAS**
[54] **PROCEDES POUR BRISER LA TOLERANCE IMMUNOLOGIQUE A L'AIDE DE MULTIPLES ARN DE GUIDAGE**
[72] VORONINA, VERA, US
[72] MACDONALD, LYNN, US
[72] PRISSETTE, MARINE, US
[72] LAI, KA-MAN VENUS, US
[72] BADITHE, ASHOK, US
[72] MURPHY, ANDREW J., US
[72] DROGUETT, GUSTAVO, US
[72] FRENDEWEY, DAVID, US
[72] ZAMBROWICZ, BRIAN, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **SYSTEMES ET PROCEDES DE PRESENTATION DE CONTENU**
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[72] SUTTON, CHARLES MATTHEW, US
[72] GUPTA, CHETAN PARAG, US
[72] HSU, JOYCE, US
[72] HU, ANNING, US
[72] ZENG, ZEYU, US
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[54] **CONCRETE GUILLOTINE ASSEMBLY**
[54] **ENSEMBLE A GUILLOTINE POUR BETON**
[72] SEOVIC, JOSEPH, AU
[71] SEOVIC, JOSEPH, AU
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[51] **Int.Cl. A62C 35/68 (2006.01) A62C 37/11 (2006.01)**
[25] EN
[54] **PROTECTIVE CAP FOR A SPRINKLER NOZZLE, USE OF SUCH A PROTECTIVE CAP, AND METHOD FOR ASSEMBLING AND/OR DISASSEMBLING A SPRINKLER NOZZLE ON A PIPELINE**
[54] **CAPOT DE PROTECTION POUR UNE BUSE DE GICLEUR D'INCENDIE, UTILISATION ASSOCIEE ET PROCEDE DE MONTAGE ET/OU DEMONTAGE D'UNE BUSE DE GICLEUR D'INCENDIE SUR UNE CONDUITE TUBULAIRE**
[72] SCHNELL, STEFAN, DE
[72] RONNFELDT, FRANK, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-11-01
[86] 2016-05-02 (PCT/EP2016/059763)
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[54] **HYDRAULIC BRAKE DEVICE WITH A TIME DIFFERENCE AND ASSEMBLY THEREOF**
[54] **DISPOSITIF DE FREINAGE A DIFFERENCE DE TEMPS DE TYPE HYDRAULIQUE ET ENSEMBLE ASSOCIE**
[72] CHANG, JUI-LUNG, CN
[71] GINDA NEW-TECH CO., LTD., TW
[85] 2018-11-01
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[25] EN
[54] **COMBINATION THERAPY WITH CPG TLR9 LIGAND**
[54] **POLYTHERAPIE AVEC UN LIGAND DE TLR9 CPG**
[72] RITTNER, KAROLA, FR
[72] KRATZER, ROLAND, FR
[72] CARPENTIER, ANTOINE, FR
[71] TRANSGENE SA, FR
[71] OLIGOVAX, FR
[85] 2018-11-01
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[25] EN
[54] **METHOD AND PLANT FOR PROCESSING STRETCHED-CURD CHEESES AND CORRESPONDING FORMING MACHINE**
[54] **PROCEDE ET INSTALLATION POUR LE TRAITEMENT DE FROMAGES DE TYPE CAILLE A PATE FILEE ET MACHINE DE FORMATION CORRESPONDANTE**
[72] BOFFELLI, GIULIANO, IT
[72] TOMA, MARCELLO, IT
[71] EGIDIO GALBANI S.R.L., IT
[85] 2018-11-01
[86] 2017-05-03 (PCT/EP2017/060577)
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[54] **VIBRATION DAMPENING MATERIAL**
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[71] UNEQUAL TECHNOLOGIES COMPANY, US
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[25] EN
[54] **METHOD OF PRODUCING A RECOMBINANT PROTEIN**
[54] **PROCEDE DE PRODUCTION D'UNE PROTEINE RECOMBINANTE**
[72] EMMINS, ROBYN ALEXANDRA, GB
[72] FINKA, GARY BRIAN, GB
[72] HOARE, MICHAEL, GB
[72] LEWIS, ALAN PETER, GB
[72] LEWIS, WILLIAM JOHN KENNETH, GB
[72] MCINALLY, ADAM DANIEL, GB
[72] UDEN, MARK, GB
[72] VOULGARIS, IOANNIS, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[25] EN
[54] **SYSTEM FOR MOUNTING A COVERING UPON A FRAME**
[54] **SYSTEME DE MONTAGE DE REVETEMENT SUR UN CADRE**
[72] SPIRO, STEVEN M., US
[72] DANIELL, STEPHEN S., US
[72] PETROULAS, THEODORE, US
[72] DOWD, PAUL, US
[72] KELLY, RYAN, US
[72] POEPPING, BENNETT, US
[72] SKEUSE, KEVIN, US
[72] SEARFOSS, EROL, US
[72] FERNANDEZ, JACK, US
[71] TRACER IMAGING LLC, US
[85] 2018-11-01
[86] 2017-04-11 (PCT/US2017/027024)
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[30] US (15/265,417) 2016-09-14

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[51] **Int.Cl. B65B 61/02 (2006.01) B41M 1/14 (2006.01) B65D 65/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A PACKAGE FOR DAIRY PRODUCTS AND PACKAGE FOR DAIRY PRODUCTS THUS MANUFACTURED**
[54] **PROCEDE DE FABRICATION D'UN EMBALLAGE POUR PRODUITS LAITIERS ET EMBALLAGE POUR PRODUITS LAITIERS AINSI FABRIQUE**
[72] SILVA, CARLA, IT
[71] EGIDIO GALBANI S.R.L., IT
[85] 2018-11-01
[86] 2017-05-04 (PCT/EP2017/060729)
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[25] EN
[54] **MULTI-DECK AUTOMATIC CARD SHUFFLER CONFIGURED TO SHUFFLE CARDS FOR A CASINO TABLE GAME CARD GAME SUCH AS BACCARAT**
[54] **BATTEUR DE CARTES AUTOMATIQUE A ETAGES MULTIPLES CONCU POUR BATTRE DES CARTES POUR UN JEU DE CARTES A UNE TABLE DE CASINO TEL QUE LE BACCARAT**
[72] RIORDAN, MICHAEL, US
[72] DEGREGORIO, LOUIS, US
[72] DEGREGORIO, DINO, US
[72] FORTE, STEVEN, US
[72] DAVID, WESTLEY, US
[72] COOK, ZACHARY, US
[72] RIESEN, JOSEPH, US
[72] O'TOOLE, BRENDAN, US
[71] SHARK TRAP GAMING & SECURITY SYSTEMS, LLC, US
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[54] **METHOD AND PLANT FOR PROCESSING STRETCHED-CURD CHEESES**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT DE FROMAGES A CAILLE ETIRE**
[72] BOFFELLI, GIULIANO, IT
[72] FORTI, ALICE, IT
[71] EGIDIO GALBANI S.R.L., IT
[85] 2018-11-01
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[25] EN
[54] **SUBSTITUTED 2,4-DIAMINO-QUINOLINE DERIVATIVES FOR USE IN THE TREATMENT OF PROLIFERATIVE DISEASES**
[54] **DERIVES SUBSTITUES DE 2,4-DIAMINO-QUINOLEINE POUR LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES PROLIFERATIVES**
[72] BRUN, SONIA, FR
[72] BERET, ANTOINE, FR
[72] BASSISSI, FIRAS, FR
[72] HALFON, PHILIPPE, FR
[72] COURCAMBECK, JEROME, FR
[71] GENOSCIENCE PHARMA, FR
[85] 2018-11-01
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[54] **ENERGY CONVERSION DEVICES INCLUDING STABLE IONENES**
[54] **DISPOSITIFS DE CONVERSION D'ENERGIE COMPRENANT DES IONENES STABLES**
[72] HOLDCROFT, STEVEN, CA
[72] WRIGHT, ANDREW, CA
[72] BRITTON, BENJAMIN, CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2018-11-02
[86] 2017-05-01 (PCT/CA2017/050529)
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[54] **MODULATORS OF INDOLEAMINE 2,3-DIOXYGENASE**
[54] **MODULATEURS D'INDOLAMINE 2,3-DIOXYGENASE**
[72] JOHNS, BRIAN ALVIN, US
[72] KAZMIERSKI, WIESLAW MIECZYSLAW, US
[72] DE LA ROSA, MARTHA ALICIA, US
[72] SAMANO, VICENTE, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[51] **Int.Cl. C04B 35/515 (2006.01) C04B 35/65 (2006.01) C04B 35/78 (2006.01)**
[25] EN
[54] **METALLIC MATRIX COMPOSITE WITH HIGH STRENGTH TITANIUM ALUMINIDE ALLOY MATRIX AND IN SITU FORMED ALUMINUM OXIDE REINFORCEMENT**
[54] **COMPOSITE A MATRICE METALLIQUE PRESENTANT UNE MATRICE EN ALLIAGE D'ALUMINURE DE TITANE A HAUTE RESISTANCE ET RENFORT D'OXYDE DE TITANE FORME IN SITU**
[72] HOLLOWAY, SCOTT RICHARD, CA
[71] LUMIANT CORPORATION, CA
[85] 2018-11-02
[86] 2017-05-04 (PCT/CA2017/050542)
[87] (WO2017/190245)
[30] US (62/331,576) 2016-05-04

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[51] **Int.Cl. C04B 35/65 (2006.01) B22F 3/23 (2006.01)**
[25] EN
[54] **METALLIC COMPOUNDS AND METALLIC MATRIX COMPOSITES MADE USING COMPRESSION ACTIVATED SYNTHESIS**
[54] **COMPOSES METALLIQUES ET COMPOSITES A MATRICE METALLIQUE FABRIQUES A L'AIDE D'UNE SYNTHESE ACTIVEE PAR COMPRESSION**
[72] HOLLOWAY, SCOTT RICHARD, CA
[72] MANLEY, RICHARD, CA
[71] LUMIANT CORPORATION, CA
[85] 2018-11-02
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[54] **ANTI-MICROBIAL COMPOSITIONS COMPRISING QUATERNARY ORGANOSILANE COMPOUNDS**
[54] **COMPOSITIONS ANTIMICROBIENNES COMPRENANT DES COMPOSES D'ORGANOSILANE QUATERNAIRE**
[72] KEMP, ANDREW, GB
[72] PILLANS, CHARLES MELVILLE, GB
[71] Q SURGICAL TECHNOLOGIES LTD, GB
[85] 2018-11-02
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[51] **Int.Cl. C12P 21/00 (2006.01) C07K 14/47 (2006.01) C12N 9/02 (2006.01)**
[25] EN
[54] **MODULATION OF LIPID METABOLISM FOR PROTEIN PRODUCTION**
[54] **MODULATION DU METABOLISME DES LIPIDES POUR LA PRODUCTION DE PROTEINES**
[72] BUDGE, JAMES, GB
[72] SMALES, CHRISTOPHER MARK, GB
[72] KNIGHT, TANYA JEANE, GB
[72] YOUNG, ROBERT, GB
[71] LONZA LTD, CH
[85] 2018-11-02
[86] 2017-05-03 (PCT/EP2017/060484)
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[30] US (62/330,973) 2016-05-03

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[51] **Int.Cl. C07D 317/46 (2006.01) A01N 47/30 (2006.01) A01P 1/00 (2006.01) A61K 31/36 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **UREA MOTIF CONTAINING COMPOUNDS AND DERIVATIVES THEREOF AS ANTIBACTERIAL DRUGS**
[54] **COMPOSES CONTENANT UN MOTIF D'UREE ET LEURS DERIVES EN TANT QUE MEDICAMENTS ANTIBACTERIENS**
[72] KLEINER, PHILIPP, DE
[72] SIEBER, STEPHAN, DE
[72] KUNOLD, ELENA, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[85] 2018-11-02
[86] 2017-05-30 (PCT/EP2017/063014)
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[25] EN
[54] **PLANTS AND METHODS FOR CONTROLLING FUNGAL PLANT PATHOGENS**
[54] **PLANTES ET PROCEDES POUR LUTTER CONTRE DES PATHOGENES FONGIQUES DES PLANTES**
[72] WHYARD, STEVE, CA
[72] BELMONTE, MARK, CA
[71] UNIVERSITY OF MANITOBA, CA
[85] 2018-11-02
[86] 2017-05-03 (PCT/IB2017/052578)
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[51] **Int.Cl. A61K 35/74 (2015.01) A61P 1/16 (2006.01) A61P 13/00 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OR PREVENTION OF OXALATE-RELATED DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT OU DE PREVENTION D'AFFECTIONS LIEES A L'OXALATE**
[72] LINDNER, ELISABETH, SE
[72] AKERMAN, MARIA, SE
[72] SJOGREN, ANNA, SE
[72] MCCALLION, ORLA, SE
[71] OXTHERA INTELLECTUAL PROPERTY AB, SE
[85] 2018-11-02
[86] 2017-06-13 (PCT/EP2017/064422)
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[30] SE (1650828-5) 2016-06-13

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 33/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **[1,2,3]TRIAZOLO[4,5-D]PYRIMIDINE DERIVATIVES WITH AFFINITY FOR THE TYPE-2 CANNABINOID RECEPTOR**
[54] **DERIVES DE [1,2,3]TRIAZOLO[4,5-D]PYRIMIDINE AYANT UNE AFFINITE POUR LE RECEPTEUR CANNABINOIDE DE TYPE 2**
[72] GOBBI, LUCA, CH
[72] GRETHER, UWE, CH
[72] GUBA, WOLFGANG, CH
[72] KRETZ, JULIAN, CH
[72] MARTIN, RAINER E., CH
[72] WESTPHAL, MATTHIAS VALENTIN, CH
[72] IJZERMAN, ADRIAAN PIETER, NL
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-11-02
[86] 2017-06-20 (PCT/EP2017/064994)
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[30] EP (16175924.6) 2016-06-23

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[13] A1
[51] **Int.Cl. C04B 35/65 (2006.01) B22F 3/23 (2006.01)**
[25] EN
[54] **METALLIC MATRIX COMPOSITES SYNTHESIZED WITH UNIFORM IN SITU FORMED REINFORCEMENT**
[54] **COMPOSITES A MATRICE METALLIQUE SYNTHETISES PRESENTANT UN RENFORCEMENT UNIFORME FORME IN SITU**
[72] HOLLOWAY, SCOTT RICHARD, CA
[71] LUMIANT CORPORATION, CA
[85] 2018-11-02
[86] 2017-05-04 (PCT/CA2017/050544)
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[30] US (62/331,526) 2016-05-04

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[51] **Int.Cl. C12N 15/14 (2006.01) C12N 1/19 (2006.01) C12N 15/12 (2006.01) C12N 15/53 (2006.01) C12N 15/61 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **CONSTRUCTION OF ENGINEERING BACTERIA FOR HIGH EXPRESSION OF RECOMBINANT HUMAN SERUM ALBUMIN**
[54] **CONSTRUCTION DE BACTERIES GENETIQUEMENT MODIFIEES POUR L'EXPRESSION ELEVEE D'ALBUMINE SERIQUE HUMAINE RECOMBINANTE**
[72] CHANG, GUODONG, CN
[72] DOU, XIN, CN
[72] XIONG, XIAOBO, CN
[72] WANG, WENCHAO, CN
[71] SHENZHEN PROTGEN LTD., CN
[85] 2018-11-02
[86] 2017-05-04 (PCT/CN2017/083079)
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[30] CN (201610289898.8) 2016-05-04

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) G01B 11/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TRACKING CARTS AND RETAIL PRODUCTS IN A SHOPPING SPACE**
[54] **PROCEDES ET SYSTEMES POUR SUIVRE DES CHARIOTS ET DES PRODUITS DE VENTE AU DETAIL DANS UN ESPACE D'ACHAT**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-02
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[30] US (62/332,700) 2016-05-06

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[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/05 (2006.01) A61K 31/122 (2006.01) A61K 31/343 (2006.01) A61K 31/397 (2006.01) A61K 31/404 (2006.01) A61K 31/415 (2006.01) A61K 31/4162 (2006.01) A61K 31/4172 (2006.01) A61K 31/473 (2006.01) A61K 31/5383 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **USE OF TOPICAL FORMULATIONS OF CANNABINOIDS IN THE TREATMENT OF EPIDERMOLYSIS BULLOSA AND RELATED CONNECTIVE TISSUE DISORDERS**
[54] **UTILISATION DE FORMULATIONS TOPIQUES DE CANNABINOIDES POUR LE TRAITEMENT DE L'EPIDERMOLYSE BULLEUSE ET DE TROUBLES DU TISSU CONJONCTIF CONNEXES**
[72] HOSSAIN, SAZZAD, CA
[71] INMED PHARMACEUTICALS INC., CA
[85] 2018-11-02
[86] 2017-05-04 (PCT/CA2017/050546)
[87] (WO2017/190249)
[30] US (62/331,633) 2016-05-04

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **REMOTE INITIATION OF INTERACTION BY A COMPUTING ENTITY**
[54] **LANCEMENT D'INTERACTION A DISTANCE PAR UNE ENTITE INFORMATIQUE**
[72] GILLEN, ROBERT J., US
[72] LOPPATTO, GREG, US
[72] WHITE, LEE, US
[72] COFFEY, MARK, US
[72] FAGAN, LARRY, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[72] DIAS, LIBARDO OCHOA, US
[72] BOUCHARD, HERBERT J., US
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[54] **PROCEDE ET APPAREIL POUR ACCEDER A UN TRAFIC DE DONNEES DANS UN RESEAU DE ZONE DE CONTROLEUR**
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[71] ROUSH ENTERPRISES, INC., US
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[54] **SYSTEME A POCHES DE SANG MULTIPLES**
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[72] KARJALAINEN, JAANA, FI
[72] UUSITALO, JOUKO, FI
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[72] YATES, DAVID, GB
[72] ALDHAHER, SAMER, GB
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[54] **SYSTEME ET PROCEDE POUR UN ECLAIRAGE HORTICOLE AVANCE**
[72] EISELE, ERIC JON, US
[71] GROWFLUX LLC, US
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[54] **ANTENNES DE FENETRE**
[72] SHRIVASTAVA, DHAIRYA, US
[72] BROWN, STEPHEN CLARK, US
[71] VIEW, INC., US
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[54] **PHENOL COMPOUND AND COMBINATION OF SAME WITH A BENZODIAZEPINE FUSED TO 1,4-DIHYDROPYRIDINE FOR TREATING DISEASES OF THE CENTRAL NERVOUS AND VASCULAR SYSTEMS**
[54] **COMPOSE PHENOLIQUE ET COMBINAISON DE CE DERNIER AVEC UNE BENZODIAZEPINE FUSIONNEE A DE LA 1,4-DIHYDROPYRIDINE POUR LE TRAITEMENT D'AFFECTIONS DU SYSTEME NERVEUX CENTRAL ET VASCULAIRE**
[72] OCHOA RODRIGUEZ, ESTAEL, CU
[72] VERDECIA REYES, YAMILA, CU
[72] NUNEZ FIGUEREDO, YANIER, CU
[72] RAMIREZ SANCHEZ, JENEY, CU
[72] WONG GUERRA, MAYLIN, CU
[72] FONSECA FONSECA, LUIS ARTURO, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[72] CANAAN-HADEN NAVARRO, CLAUDIA AMANDA, CU
[72] MONDELO RODRIGUEZ, ABEL, CU
[72] BARZAGA FERNANDEZ, PEDRO GILBERTO, CU
[72] GONZALEZ ALFONSO, NICTE, CU
[72] DELGADO HERNANDEZ, RENE, CU
[72] PADRON YAQUIS, ALEJANDRO SAUL, CU
[71] UNIVERSIDAD DE LA HABANA, CU
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[54] **METHOD FOR OBTAINING CERAMIC SLURRY FOR THE PRODUCTION OF FILAMENTS FOR 3D FDM PRINTING, SLURRY OBTAINED USING SAID METHOD AND CERAMIC FILAMENTS**
[54] **PROCEDE D'OBTENTION D'UNE BARBOTINE CERAMIQUE POUR LA FABRICATION DE FILS POUR IMPRESSION 3D-FDM, BARBOTINE AINSI OBTENUE ET FILS CERAMIQUES**
[72] CANALES VAZQUEZ, JESUS, ES
[72] SANCHEZ BRAVO, GLORIA BEGONA, ES
[72] MARIN RUEDA, JUAN RAMON, ES
[72] YAGUE ALCARAZ, VICENTE, ES
[72] LOPEZ LOPEZ, JUAN JOSE, ES
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[72] AL-KOFAHI, KHALID, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
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[54] **SYSTEME DE COMMUNICATION DE PUITS DE FORAGE A FIBRE OPTIQUE**
[72] HELLEVANG, JON ODDVAR, NO
[72] THOMAS, PETER JAMES, NO
[72] LIE, TERJE LENART, NO
[72] FRANTZEN, DAG-HAKON, NO
[72] ANDERSEN, GUNNAR, NO
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[54] **COMPOSITIONS PHARMACEUTIQUES OU COSMETIQUES TOPIQUES ET DISPOSITIFS MEDICAUX LES COMPRENANT POUR LE TRAITEMENT DE TROUBLES CUTANES**
[72] ALONSO COHEN, MIGUEL ANGEL, ES
[72] DI FULVIO, MARCO, IT
[71] DEVINTEC SAGL, CH
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[54] **COMPUTER SYSTEMS AND METHODS FOR IMPLEMENTING IN-MEMORY DATA STRUCTURES**
[54] **SYSTEMES INFORMATIQUES ET PROCEDES POUR METTRE EN OEUVRE DES STRUCTURES DE DONNEES EN MEMOIRE**
[72] LISSONE, ANTON, SE
[72] VAN DEN BOSCH, CARST, SE
[71] NASDAQ TECHNOLOGY AB, SE
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[54] **PARALLELISME ET ETAGEMENT MULTINIVEAU D'INFERENCE DE CONNAISSANCE ET SYSTEME DE CORRELATION STATISTIQUE**
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[54] **SURVEILLANCE ELECTRIQUE ET DALLE ELECTRIQUE ACTIVEE PAR RESEAU**
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[72] MCKINNEY, JUSTIN, US
[72] CROWELL-INGRAM, MICHAEL, US
[72] DORSKY, EVAN, US
[72] MEHROTRA, SAARTH, US
[72] PIERCE, ERIN, US
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[54] **NOUVEAUX ANTICORPS ANTI-TNFRSF21 ET METHODES D'UTILISATION**
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[72] ROKKAM, DEEPTI, US
[72] LIU, DAVID, US
[72] BOONTANRART, MANDY, US
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[54] **ANTICORPS MONOCLONAUX ANTI-ADN CIBLANT L'IL-6 ET LE CD126**
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[71] WEINER, DAVID, US
[71] ELLIOTT, SARAH, US
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[54] **LAVAGE, CONCENTRATION ET SEPARATION DE CELLULES THERAPEUTIQUES PAR ACOUSTOPHORESE**
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[72] PRESZ, WALTER M., JR., US
[72] DUTRA, BRIAN, US
[72] GILMANSHIN, RUDOLF, US
[72] DIONNE, JASON, US
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[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE D'UNE INSTALLATION**
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[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[72] JONES, MATTHEW A., US
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[54] **INTRACELLULAR DELIVERY OF BIOMOLECULES TO INDUCE TOLERANCE**
[54] **ADMINISTRATION INTRACELLULAIRE DE BIOMOLECULES POUR INDUIRE UNE TOLERANCE**
[72] GILBERT, JONATHAN B., US
[72] WANG, BU, US
[72] LOUGHHEAD, SCOTT, US
[72] BERNSTEIN, HOWARD, US
[72] SHAREI, ARMON R., US
[72] MOORE, FINOLA, US
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[54] **ANTICORPS MONOCLONAUX D'ADN CIBLANT LE VIRUS DE LA GRIPPE**
[72] PATEL, AMI, US
[72] YAN, JIAN, US
[72] ELLIOTT, SARAH, US
[71] WEINER, DAVID, US
[71] PATEL, AMI, US
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[54] **DNA ANTIBODY CONSTRUCTS FOR USE AGAINST PSEUDOMONAS AERUGINOSA**
[54] **CONSTRUCTIONS D'ANTICORPS ANTI-ADN POUR UTILISATION CONTRE PSEUDOMONAS AERUGINOSA**
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[72] WEINER, DAVID, US
[72] PATEL, AMI, US
[71] YAN, JIAN, US
[71] WEINER, DAVID, US
[71] PATEL, AMI, US
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[25] EN
[54] **MEDICAL TREATMENT APPARATUS AND TUBE SET FOR A MEDICAL TREATMENT APPARATUS, AND METHOD FOR MONITORING A PERISTALTIC PUMP**
[54] **DISPOSITIF DE TRAITEMENT MEDICAL ET ENSEMBLE TUYAU SOUPLE POUR UN DISPOSITIF DE TRAITEMENT MEDICAL ET PROCEDE POUR SURVEILLER UNE POMPE TUBULAIRE PERISTALTIQUE**
[72] HEIDE, ALEXANDER, DE
[72] PETERS, ARNE, DE
[72] NIKOLIC, DEJAN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2018-11-02
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[54] **FILOVIRUS CONSENSUS ANTIGENS, NUCLEIC ACID CONSTRUCTS AND VACCINES MADE THEREFROM, AND METHODS OF USING SAME**
[54] **ANTIGENES CONSENSUS DE FILOVIRUS, CONSTRUCTIONS D'ACIDES NUCLEIQUES ET VACCINS ELABORES A PARTIR DE CELLES-CI, ET LEURS PROCEDES D'UTILISATION**
[72] PATEL, AMI, US
[72] YAN, JIAN, US
[71] WEINER, DAVID, US
[71] PATEL, AMI, US
[71] YAN, JIAN, US
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[54] **INTRACELLULAR DELIVERY OF BIOMOLECULES TO INDUCE TOLERANCE**
[54] **ADMINISTRATION INTRACELLULAIRE DE BIOMOLECULES POUR INDUIRE UNE TOLERANCE**
[72] LOUGHHEAD, SCOTT, US
[72] GILBERT, JONATHAN B., US
[72] BERNSTEIN, HOWARD, US
[72] SHAREI, ARMON R., US
[72] MOORE, FINOLA, US
[71] SQZ BIOTECHNOLOGIES COMPANY, US
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[54] **SYSTEMS AND METHODS FOR FORMATION OF BIOLOGICALLY ACTIVE GRANULES**
[54] **SYSTEMES ET PROCEDES UTILISABLES EN VUE DE LA FORMATION DE GRANULES BIOOGIQUEMENT ACTIFS**
[72] BETTLE, GRISCOM, III, US
[72] ROBERTS, RICKY EUGENE, US
[72] KEY, JAMES RHRODRICK, US
[71] ABSOLUTE AERATION, US
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[54] **SYSTEMS AND METHODS FOR CONTROLLING THE OPERATION OF A MOVABLE PANEL WALL SYSTEM**
[54] **SYSTEMES ET PROCEDES POUR COMMANDER LE FONCTIONNEMENT D'UN SYSTEME DE PANNEAU MURAL MOBILE**
[72] JONES, BRADLEY A., US
[72] WELCH, BRYAN THOMAS, US
[72] BEELER, MICHAEL W., US
[72] DREITLEIN, JONATHAN TAYLOR, US
[72] MEYERS, WILLIAM S., US
[71] MODERNFOLD, INC., US
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[54] **CONTROLLING BIURET IN UREA PRODUCTION**
[54] **REGULATION DU BIURET DANS LA PRODUCTION D'UREE**
[72] MOSTERT, EELCO, NL
[71] STAMICARBON B.V., NL
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[54] **BENZODIAZEPINE DERIVATIVE WITH ACTIVITY ON THE CENTRAL NERVOUS AND VASCULAR SYSTEMS**
[54] **DERIVE DE BENZODIAZEPINE AYANT UNE ACTIVITE SUR LE SYSTEME NERVEUX CENTRAL ET VASCULAIRE**
[72] NUNEZ FIGUEREDO, YANIER, CU
[72] WONG GUERRA, MAYLIN, CU
[72] FONSECA FONSECA, LUIS ARTURO, CU
[72] GARRIDO SUAREZ, BARBARA BEATRIZ, CU
[72] RAMIREZ SANCHEZ, JENEY, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[72] VERDECIA REYES, YAMILA, CU
[72] OCHOA RODRIGUEZ, ESTAEL, CU
[72] BARZAGA FERNANDEZ, PEDRO GILBERTO, CU
[72] GONZALEZ ALFONSO, NICTE, CU
[72] DELGADO HERNANDEZ, RENE, CU
[72] PADRON YAQUIS, SAUL ALEJANDRO, CU
[71] UNIVERSIDAD DE LA HABANA, CU
[71] CENTRO DE INVESTIGACION Y DESARROLLO DE MEDICAMENTOS CIDEM, CU
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[54] **DELAYED RELEASE ORAL TAMSULOSIN HYDROCHLORIDE**
[54] **CHLORHYDRATE DE TAMSULOSINE A LIBERATION RETARDEE DESTINE A ETRE ADMINISTRE PAR VOIE ORALE**
[72] BARNETTE, K. GARY, US
[72] STEVENS, RUTH E., US
[72] PHELPS, KENNETH V., US
[72] GOLD, LYNN, US
[71] ASPEN PARK PHARMACEUTICALS, INC., US
[85] 2018-11-02
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[54] **AUTONOMOUS MOWER NAVIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE NAVIGATION DE TONDEUSE AUTONOME**
[72] CHURAVY, CHRISTOPHER J., US
[72] BLANCHARD, EDWARD J., US
[71] MTD PRODUCTS INC, US
[85] 2018-11-02
[86] 2017-05-05 (PCT/US2017/031286)
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[51] **Int.Cl. H04K 1/06 (2006.01) H04K 1/04 (2006.01)**
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[54] **DEVICE AND METHOD FOR PREVENTING INTELLIGIBLE VOICE RECORDINGS**
[54] **PROCEDE ET DISPOSITIF DESTINES A EMPECHER LES ENREGISTREMENTS VOCAUX INTELLIGIBLES**
[72] SANTOS, ALEXANDRE, CA
[71] SECURITE SPYTRONIC INC., CA
[85] 2018-11-05
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[54] **APPARATUS AND METHOD FOR ELECTROCHEMICAL REDUCTION OF BIOCHEMICAL COMPOSITIONS FOR BIOCONJUGATION**
[54] **APPAREIL ET PROCEDE DE REDUCTION ELECTROCHIMIQUE DE COMPOSITIONS BIOCHIMIQUES POUR LA BIOCONJUGAISON**
[72] HOUSER, DERRICK, US
[71] LIGARE BIOTECHNOLOGIES, INC., US
[85] 2018-11-02
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[54] **DEBITMETRE A GAZ**
[72] DENNISON, WILLIAM E., US
[71] DENNISON, WILLIAM E., US
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[25] FR
[54] **METHOD AND SYSTEM FOR MAGNETIC EXTRACTION OF COMPONENTS IN A LIQUID SAMPLE**
[54] **PROCEDE ET SYSTEME EXTRACTION MAGNETIQUE DE COMPOSANTS DANS UN ECHANTILLON LIQUIDE**
[72] ALIX, DAVID, FR
[72] MINASSIAN, EDGAR, FR
[72] RAYMOND, JEAN-CLAUDE, FR
[72] WANDELS, PHILIPPE, FR
[71] BIOMERIEUX, FR
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[54] **INVERTED CARRIER LIFT DEVICE SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE LEVAGE DE SUPPORT INVERSE**
[72] KILIBARDA, VELIBOR, US
[72] MAYBEE, WILLIAM (DECEASED), US
[72] DUGAS, MICHAEL R., US
[72] GENTILE, MICHAEL L., US
[72] SOSNOWSKI, MATTHEW P., US
[72] ZHOU, LEI, US
[72] TAPPO, FREDDIE, US
[72] MASON, JEFFREY W., US
[72] GREIG, NEIL G., US
[71] COMAU LLC, US
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[54] **PROCESS FOR PRODUCING LAMIVUDINE AND EMTRICITABINE**
[54] **PROCEDE DE PRODUCTION DE LAMIVUDINE ET D'EMTRICITABINE**
[72] MANDALA, DEVENDER, IN
[72] WATTS, PAUL, ZA
[71] NELSON MANDELA METROPOLITAN UNIVERSITY, ZA
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[54] **DNA MONOCLONAL ANTIBODIES TARGETING CHECKPOINT MOLECULES**
[54] **ANTICORPS MONOCLONAUX D'ADN CIBLANT DES MOLECULES DE POINT DE CONTROLE**
[72] MUTHUMANI, KARUPPIAH, US
[72] SARDESAI, NIRANJAN, US
[71] WEINER, DAVID, US
[71] MUTHUMANI, KARUPPIAH, US
[71] SARDESAI, NIRANJAN, US
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[51] **Int.Cl. B01L 3/00 (2006.01)**
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[54] **SAMPLE TUBE WITH INTEGRATED MIXING PLUNGER HEAD**
[54] **TUBE D'ECHANTILLON A TETE DE PISTON DE MELANGE INTEGREE**
[72] BLAKE, JAMES CHRISTOPHER, US
[72] ULMANELLA, UMBERTO, US
[72] DREWS, BRADLEY KENT, US
[72] WANG, MICHAEL DAI, US
[72] CLARK, STEPHEN WAYNE, US
[72] NIZIOLEK, MICHAEL ADALBERT, US
[71] ILLUMINA, INC., US
[85] 2018-11-02
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[54] **REAGENT NOZZLE SIPPER MIXING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MELANGE DE GOUTTEURS A BUSE DE REACTIF**
[72] DREWS, BRADLEY KENT, US
[72] WANG, MICHAEL DAI, US
[72] ULMANELLA, UMBERTO, US
[72] OSMUS, JAMES MICHAEL, US
[72] CLARK, STEPHEN WAYNE, US
[72] WHITACRE, JOHANNA LYNN, US
[72] PHELPS, STEVEN SCOTT, US
[72] ALVAREZ, MICHELLE L., US
[72] NIZIOLEK, MICHAEL ADALBERT, US
[72] BRYAN, DEBRA SUE, US
[72] DARLAND, JOSHUA AUGUSTIN, US
[71] ILLUMINA, INC., US
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[54] **RECTANGULAR FILTERS, ASSEMBLY AND METHOD FOR FILTRATION**
[54] **FILTRES RECTANGULAIRES, ENSEMBLE ET PROCEDE DE FILTRATION**
[72] HARRIS, JAMES D., US
[72] JOHNSON, TYLER J., US
[72] WALLACE, CHRISTOPHER D., US
[71] FILTRATION TECHNOLOGY CORPORATION, US
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[54] **CELLULES SOUCHES/PROGENITRICES HEMATOPOIETIQUES**
[72] NG, ELIZABETH, AU
[72] STANLEY, EDOUARD, AU
[72] ELEFANTY, ANDREW, AU
[71] MURDOCH CHILDRENS RESEARCH INSTITUTE, AU
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[54] **CONFOCAL LASER EYE SURGERY SYSTEM AND IMPROVED CONFOCAL BYPASS ASSEMBLY**
[54] **SYSTEME DE CHIRURGIE OCULAIRE A LASER CONFOCAL ET ENSEMBLE DE DERIVATION CONFOCALE AMELIORE**
[72] DEWEY, DAVID A., US
[72] SCHUELE, GEORG, US
[72] BAREKET, NOAH, US
[72] HART, JOHN S., US
[72] GONZALEZ, JAVIER G., US
[72] WOO, RAYMOND, US
[72] TEISSEYRE, THOMAS Z., US
[72] GOLDA, JEFFREY A., US
[72] SHEEHY, KATRINA B., US
[72] O'MEARA, MADELEINE C., US
[72] WOODLEY, BRUCE, US
[71] OPTIMEDICA CORPORATION, US
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[54] **OVEN ASSEMBLY FOR PERSONAL ELECTRONIC VAPORIZER**
[54] **ENSEMBLE DE FOUR POUR VAPORISEUR ELECTRONIQUE PERSONNEL**
[72] JOHNSON, DAVID M., US
[72] MELANDER, CHARLES H., US
[72] TERRY, MICHAEL G., US
[72] BERRY, CURTIS R., US
[71] INTREPID BRANDS, LLC, US
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[25] EN
[54] **INFLUENZA VIRUS HEMAGGLUTININ PROTEINS AND USES THEREOF**
[54] **HEMAGGLUTININES DU VIRUS DE LA GRIPPE ET UTILISATIONS DE CELLES-CI**
[72] PALESE, PETER, US
[72] GARCIA-SASTRE, ADOLFO, US
[72] KRAMMER, FLORIAN, US
[72] ERMLER, MEGAN, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[25] EN
[54] **YEAST VACCINE VECTOR INCLUDING IMMUNOSTIMULATORY AND ANTIGENIC POLYPEPTIDES AND METHODS OF USING THE SAME**
[54] **VECTEUR VACCINAL DE LEVURE COMPRENANT DES POLYPEPTIDES IMMUNOSTIMULANTS ET ANTIGENIQUES ET SES PROCEDES D'UTILISATION**
[72] HARGIS, BILLY, US
[72] CALHOUN, LEONA NICOLE, US
[72] BERGHMAN, LUC, US
[72] BIELKE, LISA, US
[72] FAULKNER, OLIVIA B., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2018-11-02
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[54] **COMPOSITION FOR TREATING OR PREVENTING ATOPIC DERMATITIS**
[54] **COMPOSITION POUR LE TRAITEMENT OU LA PREVENTION DE LA DERMATITE ATOPIQUE**
[72] YAMAGUCHI, YOKO, JP
[72] NAGASAWA, TERUAKI, JP
[72] KUBOTA, YOSHIKI, JP
[72] SHIMURA, NANAKO, JP
[72] MUSASHI, MINA, JP
[71] NANOEGG RESEARCH LABORATORIES, INC., JP
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[54] **ATROPINE-CONTAINING AQUEOUS COMPOSITION**
[54] **COMPOSITION AQUEUSE CONTENANT DE L'ATROPINE**
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[72] BEUERMAN, ROGER, SG
[72] ASADA, HIROYUKI, JP
[72] TAKAHASHI, KYOHEI, JP
[72] SAKANAKA, KOJI, JP
[72] MORIMOTO, TAKASHI, JP
[72] FUJISAWA, TOYOMI, JP
[71] SINGAPORE HEALTH SERVICES PTE LTD, SG
[71] NANYANG TECHNOLOGICAL UNIVERSITY, SG
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[25] EN
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[54] **ECHANGEURS DE CHALEUR A DERIVATION INTEGREE, DESTINES A DES APPLICATIONS DE GESTION THERMIQUE DE BATTERIES**
[72] KENNEY, BENJAMIN A., CA
[72] KAMENSKI, JOSEPH A., CA
[71] DANA CANADA CORPORATION, CA
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[25] EN
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[54] **DISPOSITIF DE STIMULATION**
[72] LAZARIDES, JIM, AU
[72] FOTEV, ZISI, DE
[72] POTZSCH, JORG, DE
[72] FINKEN, HEINER, DE
[71] SATINA MEDICAL UG (HAFTUNGSBESCHRANKT), DE
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[25] EN
[54] **ROTOR POLE FOR A GENERATOR OF A WIND ENERGY PLANT AND WIND ENERGY PLANT GENERATOR AND METHOD FOR PRODUCING A ROTOR POLE**
[54] **POLE DE ROTOR POUR UN GENERATEUR D'UNE EOLIENNE ET EOLIENNE, AINSI QUE GENERATEUR D'EOLIENNE ET PROCEDE DE FABRICATION D'UN POLE DE ROTOR**
[72] ROER, JOCHEN, DE
[72] ZIEMS, JAN CARSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-11-02
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[25] EN
[54] **BENZAZEPINE DERIVATIVE, PREPARATION METHOD, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE DE BENZAZEPINE, PROCEDE POUR LE PREPARER, COMPOSITION PHARMACEUTIQUE ET SON UTILISATION**
[72] GAO, DAXIN, CN
[72] WANG, YUXUN, CN
[72] CHEN, SHOUJUN, CN
[72] YANG, HEPING, CN
[71] SHANGHAI DE NOVO PHARMATECH CO., LTD., CN
[85] 2018-11-05
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[87] (WO2017/190669)
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[30] CN (201610589219.9) 2016-07-25
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[51] **Int.Cl. C09J 183/04 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **METHOD OF ADHERING SILICONE BASE MATERIAL TO A SUBSTRATE**
[54] **PROCEDE DE COLLAGE DE MATERIAU A BASE DE SILICONE SUR UN SUBSTRAT**
[72] DIMITROVA, TATIANA, BE
[72] GUBBELS, FREDERIC, BE
[72] DETEMMERMAN, TOMMY, BE
[72] CHAMBARD, GREGORY, BE
[71] DOW SILICONES CORPORATION, US
[85] 2018-11-05
[86] 2017-05-05 (PCT/EP2017/060838)
[87] (WO2017/191322)
[30] GB (1607955.0) 2016-05-06
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[30] GB (1703484.4) 2017-03-03

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[25] EN
[54] **DETECTION OF CHROMOSOME INTERACTION RELEVANT TO BREAST CANCER**
[54] **DETECTION DE L'INTERACTION CHROMOSOMIQUE LIEE AU CANCER DU SEIN**
[72] HUNTER, EWAN, GB
[72] WOMERSLEY, HOWARD, GB
[72] RAMADASS, AROUL, GB
[72] AKOULITCHEV, ALEXANDRE, GB
[71] OXFORD BIODYNAMICS LIMITED, GB
[85] 2018-11-05
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[51] **Int.Cl. C07D 495/04 (2006.01)**
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[54] **ENHANCER OF ZESTE HOMOLOG 2 INHIBITORS**
[54] **ACTIVATEUR D'INHIBITEURS DE L'HOMOLOGUE 2 DE ZESTE**
[72] KNIGHT, STEVEN DAVID, US
[72] LAFRANCE, LOUIS VINCENT, III, US
[72] TIAN, XINRONG, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2018-11-05
[86] 2017-05-01 (PCT/IB2017/052523)
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[30] US (62/332,131) 2016-05-05
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[54] **USER TERMINAL, RADIO BASE STATION AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR, STATION DE BASE SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] SAITO, KEISUKE, JP
[72] TAKEDA, DAIKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2018-11-02
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[25] EN
[54] **PORTABLE BEVERAGE CONTAINER**
[54] **RECIPIENT DE BOISSON PORTATIF**
[72] STEINMANN, HARDY, US
[72] PELLETIER, JAMES STEVEN KEITH, US
[71] STEINMANN, HARDY, US
[85] 2018-11-02
[86] 2017-05-03 (PCT/US2017/030914)
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[30] US (62/331,911) 2016-05-04

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[25] EN
[54] **MODULATORS OF THE INTEGRATED STRESS PATHWAY**
[54] **MODULATEURS DE LA VOIE DE REPONSE INTEGREE AU STRESS**
[72] SIDRAUSKI, CARMELA, US
[72] PLIUSHCHEV, MARINA, US
[72] FROST, JENNIFER M., US
[72] BLACK, LAWRENCE A., US
[72] XU, XIANGDONG, US
[72] SWEIS, RAMZI FARAH, US
[72] SHI, LEI, US
[72] ZHANG, QINWEI I., US
[72] TONG, YUNSONG, US
[72] HUTCHINS, CHARLES W., US
[72] CHUNG, SEUNGWON, US
[72] DART, MICHAEL J., US
[71] CALICO LIFE SCIENCES LLC, US
[71] ABBVIE INC., US
[85] 2018-11-02
[86] 2017-05-05 (PCT/US2017/031352)
[87] (WO2017/193030)
[30] US (62/332,284) 2016-05-05

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[13] A1
[51] **Int.Cl. C07D 213/73 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01) C07C 235/00 (2006.01) C07D 213/30 (2006.01) C07D 213/64 (2006.01) C07D 213/66 (2006.01) C07D 231/56 (2006.01) C07D 237/14 (2006.01) C07D 237/16 (2006.01) C07D 241/18 (2006.01) C07D 261/08 (2006.01) C07D 261/20 (2006.01) C07D 271/113 (2006.01) C07D 317/64 (2006.01) C07D 401/04 (2006.01) C07D 405/08 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **MODULATORS OF THE INTEGRATED STRESS PATHWAY**
[54] **MODULATEURS DE LA VOIE DE REPONSE INTEGREE AU STRESS**
[72] SIDRAUSKI, CARMELA, US
[72] PLIUSHCHEV, MARINA, US
[72] FROST, JENNIFER M., US
[72] BLACK, LAWRENCE A., US
[72] XU, XIANGDONG, US
[72] SWEIS, RAMZI FARATH, US
[72] SHI, LEI, US
[72] ZHANG, QINWEI I., US
[72] TONG, YUNSONG, US
[72] HUTCHINS, CHARLES W., US
[72] CHUNG, SEUNGWON, US
[72] DART, MICHAEL J., US
[71] CALICO LIFE SCIENCES LLC, US
[71] ABBVIE INC., US
[85] 2018-11-02
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[30] US (62/332,278) 2016-05-05

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[51] **Int.Cl. C07D 231/12 (2006.01) A61K 31/4402 (2006.01) A61P 35/00 (2006.01) C07D 209/14 (2006.01) C07D 213/40 (2006.01) C07D 213/64 (2006.01) C07D 237/08 (2006.01) C07D 239/34 (2006.01) C07D 241/12 (2006.01) C07D 261/08 (2006.01) C07D 263/32 (2006.01) C07D 271/07 (2006.01) C07D 277/28 (2006.01) C07D 307/52 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **MODULATORS OF THE INTEGRATED STRESS PATHWAY**
[54] **MODULATEURS DE LA VOIE DE REPONSE INTEGREE AU STRESS**
[72] SIDRAUSKI, CARMELA, US
[72] PLIUSHCHEV, MARINA, US
[72] FROST, JENNIFER M., US
[72] BLACK, LAWRENCE A., US
[72] XU, XIANGDONG, US
[72] SWEIS, RAMZI FARAH, US
[72] SHI, LEI, US
[72] ZHANG, QINWEI I, US
[72] TONG, YUNSONG, US
[72] HUTCHINS, CHARLES W., US
[72] CHUNG, SEUNGWON, US
[72] DART, MICHAEL J., US
[71] CALICO LIFE SCIENCES LLC, US
[71] ABBVIE INC., US
[85] 2018-11-02
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[30] US (62/332,280) 2016-05-05

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[51] **Int.Cl. A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A23L 33/00 (2016.01) A61P 25/22 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION COMPRISING A PROBIOTIC FOR THE PREVENTION AND/OR TREATMENT OF ANXIETY DISORDERS AND RELATED CONDITIONS IN A MAMMAL**
[54] **COMPOSITION NUTRITIONNELLE COMPRENANT UN PROBIOTIQUE POUR LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES DE L'ANXIETE ET D'AFFECTIONS ASSOCIEES CHEZ UN MAMMIFERE**
[72] BLANCHARD, CARINE, CH
[72] MITCHELL, ELLEN SIOBHAN, US
[72] NEMBRINI, CHIARA, CH
[72] SCHNEIDER, NORA, CH
[71] NESTEC S.A., CH
[85] 2018-11-02
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[30] EP (16177649.7) 2016-07-01

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM FOR CUSTOMIZED MANUFACTURE OF WEARABLE OR MEDICAL PRODUCTS**
[54] **SYSTEME DE FABRICATION PERSONNALISEE DE PRODUITS PORTABLES OU MEDICAUX**
[72] DECKER, CHRISTIAN, DE
[71] DESMA SCHUHMASCHINEN GMBH, DE
[85] 2018-11-01
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[30] EP (16175501.2) 2016-06-21

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 35/741 (2015.01) A23L 33/135 (2016.01) A23L 33/195 (2016.01) A61K 35/74 (2015.01)**
[25] EN
[54] **THE USE OF PHYCOCYANINS, PURIFIED OR AS PRESENT IN CYANOBACTERIAL MICROALGAE OR EXTRACTS THEREOF, AS PREBIOTICS, TO ENHANCE THE VIABILITY, GASTROINTESTINAL SURVIVAL, PATHOGEN-FIGHTING ABILITY, AND THE OVERALL HEALTH-ENHANCING PROPERTIES OF PROBIOTIC CULTURES AND PRODUCTS**
[54] **UTILISATION DE PHYCOCYANINES, PURIFIEES OU TELLES QUE PRESENTES DANS DES MICRO-ALGUES CYANOBACTERIENNES OU DES EXTRAITS DE CELLES-CI, EN TANT QUE PREBIOTIQUES POUR AMELIORER LA VIABILITE DES CULTURES PROBIOTIQUES ET DES PRODUITS PROBIOTIQUES, LEUR SURVIE GASTRO-INTESTINALE, LEUR CAPACITE A LUTTER CONTRE LES PATHOGENES, ET LEURS PROPRIETES GENERALES D'AMELI**
[72] SCOGLIO, STEFANO, SM
[72] BAFFONE, WALLY, IT
[72] CAMPANA, RAFFAELLA, IT
[72] COLOMBO, EVELIN, IT
[71] SCOGLIO, STEFANO, SM
[85] 2018-11-05
[86] 2017-05-01 (PCT/EP2017/060309)
[87] (WO2017/191078)
[30] US (62/330,450) 2016-05-02

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[25] EN
[54] **IMPROVEMENTS IN TREE PROCESSING SYSTEMS**
[54] **PERFECTIONNEMENTS APPORTES A DES SYSTEMES DE TRAITEMENT D'ARBRE**
[72] KERIK, LES ALFRED, CA
[71] KERIK, LES ALFRED, CA
[71] STEGMEIER, ROBERT, CA
[85] 2018-11-01
[86] 2017-05-10 (PCT/CA2017/050565)
[87] (WO2017/193215)
[30] US (62/335,306) 2016-05-12

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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4745 (2006.01) A61P 1/16 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 9/10 (2006.01) C07D 491/22 (2006.01) C07D 495/22 (2006.01)**
[25] EN
[54] **PHENYL [A]INDOLE[2,3-G]QUINOLIZINE COMPOUNDS, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION, AND APPLICATIONS THEREOF**
[54] **COMPOSES DE PHENYL[A]INDOLE[2,3-G]QUINOLIZINE, LEUR PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET LEURS APPLICATIONS**
[72] LIU, HONG, CN
[72] WANG, YIPING, CN
[72] ZHAO, FEI, CN
[72] ZHAO, JING, CN
[72] WANG, JIANG, CN
[72] XI, CONG, CN
[72] WU, CHENGLIN, CN
[72] SHEN, HAO, CN
[72] HAN, XU, CN
[72] JIANG, HUALIANG, CN
[72] CHEN, KAIXIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[30] CN (201610192571.9) 2016-03-30

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[13] A1
[51] **Int.Cl. F16H 7/04 (2006.01)**
[25] EN
[54] **KINEMATIC CHAIN FOR TRANSMISSION OF MECHANICAL TORQUES**
[54] **CHAINE CINEMATIQUE SERVANT A LA TRANSMISSION DE COUPLES MECANIQUES**
[72] BALDONI, ANDREA, IT
[72] GIOVACCHINI, FRANCESCO, IT
[72] VITIELLO, NICOLA, IT
[71] SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA, IT
[71] IUVO S.R.L., IT
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[30] IT (102016000061190) 2016-06-14

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[51] **Int.Cl. F04B 43/02 (2006.01) F04B 1/12 (2006.01) F04B 43/00 (2006.01)**
[25] EN
[54] **WOBBLE PLATE PISTON WATER PUMP FOR USE IN A LOW FLOW GAS PRESSURE WASHER OR A LOW CURRENT ELECTRIC PRESSURE WASHER**
[54] **POMPE A EAU A PISTON A PLATEAU OSCILLANT DESTINEE A ETRE UTILISEE DANS UN NETTOYEUR A PRESSION DE GAZ A FAIBLE DEBIT OU UN NETTOYEUR A PRESSION ELECTRIQUE A FAIBLE COURANT**
[72] GU, JIANG-YONG, CN
[72] HOU, JAMES, CA
[72] LAM, MAN CHUNG KENNETH, CA
[72] LIU, MING, CA
[71] ACTIVE PRODUCTS INC., CA
[85] 2018-11-05
[86] 2016-10-05 (PCT/CA2016/051158)
[87] (WO2017/190212)
[30] US (62/332,808) 2016-05-06
[30] CN (201610443275.1) 2016-06-20
[30] CN (201620606037.3) 2016-06-20

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[13] A1
[51] **Int.Cl. C07C 237/10 (2006.01) A61K 47/18 (2017.01) C07C 215/14 (2006.01) C07C 233/19 (2006.01)**
[25] EN
[54] **HYBRID CARRIERS FOR NUCLEIC ACID CARGO**
[54] **SUPPORTS HYBRIDES POUR CARGO D'ACIDES NUCLEIQUES**
[72] BAUMHOF, PATRICK, DE
[72] THIELE, CAROLIN, DE
[72] REJMAN, JOANNA, DE
[71] CUREVAC AG, DE
[85] 2018-11-05
[86] 2017-06-09 (PCT/EP2017/064059)
[87] (WO2017/212009)
[30] EP (PCT/EP2016/063226) 2016-06-09

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/573 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **N-MYRISTOYLTRANSFERASE (NMT)1, NMT2 AND METHIONINE AMINOPEPTIDASE 2 OVEREXPRESSION IN PERIPHERAL BLOOD AND PERIPHERAL BLOOD MONONUCLEAR CELLS IS A MARKER FOR ADENOMATOUS POLYPS AND EARLY DETECTION OF COLORECTAL CANCER**
[54] **SUREXPRESSION DE N-MYRISTOYLTRANSFERASE (NMT)1, NMT2 ET METHIONINE AMINOPEPTIDASE 2 DANS LE SANG PERIPHERIQUE ET LES CELLULES MONONUCLEES DU SANG PERIPHERIQUE, QUI EST UN MARQUEURDES POLYPES ADENOMATEUX ET POUR LA DETECTION PRECOCE DU CANCER COLORECTAL**
[72] SHRIVASTAV, SHAILLY VARMA, CA
[72] SHRIVASTAV, ANURAAG, CA
[71] VASTCON, CA
[85] 2018-11-05
[86] 2017-05-03 (PCT/CA2017/050538)
[87] (WO2017/190241)
[30] US (62/331,045) 2016-05-03

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[13] A1
[51] **Int.Cl. G01N 21/27 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTING ALGAE CONCENTRATION USING FIRST DERIVATIVE OF VISIBLE LIGHT ABSORBANCE**
[54] **DISPOSITIF DE DETECTION DE CONCENTRATION D'ALGUES UTILISANT UNE PREMIERE DERIVEE DE L'ABSORBANCE DE LUMIERE VISIBLE**
[72] ORMECI, BANU, CA
[72] GLOVER, ANDREW, CA
[72] KOLLU, KERIM, CA
[71] REAL TECH INC., CA
[85] 2018-11-05
[86] 2017-05-24 (PCT/CA2017/050629)
[87] (WO2017/201622)
[30] US (62/340,956) 2016-05-24

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[51] **Int.Cl. D04H 1/4209 (2012.01) D04H 1/4218 (2012.01) D04H 1/4242 (2012.01) D04H 1/4342 (2012.01) C08J 5/04 (2006.01)**
[25] EN
[54] **CARBON FIBER RANDOM MAT AND CARBON FIBER COMPOSITE MATERIAL**
[54] **MAT ALEATOIRE EN FIBRES DE CARBONE ET MATERIAU COMPOSITE EN FIBRES DE CARBONE**
[72] GELI, MAURICE, FR
[72] BUZARE, YANN, FR
[72] KARAKI, TAKUYA, JP
[72] TAKETA, ICHIRO, FR
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-11-05
[86] 2017-07-12 (PCT/EP2017/067528)
[87] (WO2018/011260)
[30] EP (16305921.5) 2016-07-15

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[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01) B31D 1/02 (2006.01) B32B 7/10 (2006.01) B32B 29/06 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **RECYCLABLE LINER FOR LABEL ASSEMBLY**
[54] **REVETEMENT RECYCLABLE POUR ENSEMBLE ETIQUETTE**
[72] TOMLINSON, BRIAN, CA
[71] LABELCRAFT PRODUCTS LTD., CA
[85] 2018-11-05
[86] 2017-05-04 (PCT/CA2017/050541)
[87] (WO2017/190244)
[30] US (62/332,006) 2016-05-05

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[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **UPLINK TRANSMISSION METHOD BASED ON LICENSED-ASSISTED ACCESS LAA SYSTEM, AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE LIAISON MONTANTE A BASE DE SYSTEME D'ACCES ASSISTE PAR LICENCE (LAA)**
[72] XU, KAI, CN
[72] LI, XIAOCUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-11-05
[86] 2016-05-04 (PCT/CN2016/081001)
[87] (WO2017/190294)

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[13] A1
[51] **Int.Cl. C10M 163/00 (2006.01) C10M 171/00 (2006.01)**
[25] EN
[54] **LUBRICANTS FOR USE IN BOOSTED ENGINES**
[54] **LUBRIFIANTS DESTINES A ETRE UTILISES DANS DES MOTEURS SURALIMENTES**
[72] YANG, KONGSHENG, US
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] STYER, JEREMY, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2018-11-05
[86] 2017-03-22 (PCT/US2017/023622)
[87] (WO2017/192217)
[30] US (15/147,375) 2016-05-05
[30] US (15/409,514) 2017-01-18

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[13] A1
[51] **Int.Cl. C02F 11/04 (2006.01)**
[25] EN
[54] **SEWAGE SLUDGE PROCESSING WITH MULTI-STAGE THERMOPHILIC DIGESTER**
[54] **TRAITEMENT DE BOUES D'EPURATION COMPORTANT UN DIGESTEUR THERMOPHILE A PLUSIEURS ETAGES**
[72] KUZMA, MATTHEW JOHN, US
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[85] 2018-11-05
[86] 2017-05-16 (PCT/CA2017/050582)
[87] (WO2017/197507)
[30] US (62/337,413) 2016-05-17

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[13] A1
[51] **Int.Cl. C02F 11/10 (2006.01) C01B 32/00 (2017.01) C02F 1/52 (2006.01) C02F 9/10 (2006.01) C05F 11/00 (2006.01) C02F 11/04 (2006.01) C09K 17/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING BIOCHAR FROM SLUDGE**
[54] **PROCEDE DE PRODUCTION DE BIOCHARBON A PARTIR D'UNE BOUE**
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[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
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[54] **ELECTRONIC APPARATUS, INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD**
[54] **APPAREIL ELECTRONIQUE, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] GUO, XIN, CN
[71] SONY CORPORATION, JP
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[54] **REACTIFS POUR LE TRAITEMENT D'INFECTION PAR LE VIRUS DE L'HEPATITE B (VHB) ET UTILISATION DE CEUX-CI**
[72] MAO, TIN, US
[72] SUHY, DAVID, US
[71] BENITEC BIOPHARMA LIMITED, AU
[85] 2018-11-02
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[54] **APPLICATIONS OF ROOT-ADMINISTERED CHEMICAL HYBRIDIZING AGENTS IN PLANT BREEDING**
[54] **APPLICATIONS D'AGENTS D'HYBRIDATION CHIMIQUES A ADMINISTRATION AUX RACINES DANS LA SELECTION DE PLANTES**
[72] WEISSMANN, ELMAR ALFONS, DE
[72] WELZ, HANS GUNTER, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **CRYSTALLINE FORM E OF TAFAMIDIS MEGLUMINE, PROCESS FOR PREPARATION AND USE THEREOF**
[54] **FORME CRISTALLINE E D'UN SEL DE TAFAMIDIS METHYLGLUCAMINE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] LI, JIAOYANG, CN
[72] ZHANG, XIAOYU, CN
[71] CRYSTAL PHARMATECH CO., LTD, CN
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[54] **PROCEDE DE FOURNITURE D'ISOLATION A UNE STRUCTURE**
[72] HJELMGAARD, THOMAS, DK
[72] HALD, LARS, DK
[72] TIELEMANN, THOMAS, DE
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[54] **KICKER SYSTEM FOR TUBULAR HANDLING SYSTEM**
[54] **SYSTEME DE PROPULSEUR POUR SYSTEME DE MANIPULATION DE TUBE**
[72] MEUTH, JOSHUA BRANDON, US
[72] SHERBECK, TIMOTHY, US
[71] FORUM US, INC., US
[85] 2018-11-05
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[54] **PRODUIT COUPE-FEU**
[72] OUTRAM, IAN, GB
[72] JONES, SIMON, GB
[72] TAYLOR, ANDREW, GB
[72] GEYER, WALTER, DE
[72] KOMMA, MARKUS, DE
[72] PRONOLD, MICHAEL, DE
[71] TREMCO ILLBRUCK LIMITED, GB
[71] TREMCO ILLBRUCK PRODUKTION GMBH, DE
[71] FIRETHERM INTUMESCENT & INSULATION SUPPLIES LTD., GB
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[54] **PROCEDE DE PRODUCTION DU CELASTROL ET DE DERIVES TRITERPENIQUES PENTACYCLIQUES**
[72] NGUYEN, THIEN, FR
[72] COUSY, ADRIEN, FR
[72] STEWARD, NICOLAS, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
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[54] **SYSTEME DE TRAVERSE FLOTTANT**
[72] SHERBECK, TIMOTHY, US
[72] GUERRA, GERARDO, US
[72] MEUTH, JOSHUA BRANDON, US
[71] FORUM US, INC., US
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[54] **SYSTEM AND METHOD OF PERFORMING TREATMENT ALONG A LUMEN NETWORK**
[54] **SYSTEME ET METHODE DE MISE EN □UVRE D'UN TRAITEMENT DANS UN RESEAU DE LUMIERES**
[72] KRIMSKY, WILLIAM S., US
[71] COVIDIEN LP, US
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[54] **SODA-LIME-SILICA GLASS COMPOSITION**
[54] **COMPOSITION DE VERRE SILICO-SODO-CALCIQUE**
[72] FERRARO, SIMONE, IT
[71] VERALLIA FRANCE, FR
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[54] **APPAREIL D'ENTRAINEMENT A COURROIE SANS FIN POUR LANCE DE NETTOYAGE DE TUBE FLEXIBLE**
[72] BARNES, JEFFERY R., US
[71] STONEAGE, INC., US
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[54] **A PROCESS FOR THE PURIFYING OF A RAW GAS STREAM CONTAINING MAINLY C1 -C5 HYDROCARBONS AND CARBON DIOXIDE, AND IMPURITIES OF ORGANIC AND INORGANIC SULFUR COMPOUNDS, HALOGENATED AND NON-HALOGENATED VOLATILE ORGANIC COMPOUNDS AND OXYGEN**
[54] **PROCEDE DE PURIFICATION D'UN ECOULEMENT DE GAZ BRUT CONTENANT PRINCIPALEMENT DES HYDROCARBURES EN C1-C5 ET DU DIOXYDE DE CARBONE, ET DES IMPURETES CONSTITUEES DE COMPOSES SULFURES ORGANIQUES ET INORGANIQUES, DE COMPOSES ORGANIQUES VOLATILS HALOGENES ET NON HALOGENES ET D'OXYGENE**
[72] JAKOBSSON, NIKLAS BENGT, SE
[72] EGEBLAD, KRESTEN, DK
[72] ZEUTHEN, JACOB HJERRILD, DK
[72] TRANERESTRUP, RASMUS, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **COMBINATION TREATMENT OF CANCER**
[54] **POLYTHERAPIE DU CANCER**
[72] BRUNNER, NILS AAGE, DK
[72] CHRISTOPHERSEN, PALLE, DK
[72] STENVANG, JAN, DK
[72] LICHTENBERG, JENS, DK
[72] THOUGAARD, ANNEMETTE, DK
[71] SCANDION ONCOLOGY A/S, DE
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[54] **DISPOSITIF POUR AGIR SUR DES PROCESSUS BIOLOGIQUES DANS UN TISSU VIVANT**
[72] GLEIM, PETER, LI
[71] BEMER INT. AG, LI
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[54] **METHODS AND APPARATUS FOR PROVIDING ESP STAGE SEQUENTIAL ENGAGEMENT**
[54] **PROCEDE ET APPAREIL DE FOURNITURE DE PRISE SEQUENTIELLE D'ETAGE D'ESP**
[72] XIAO, JINJIANG, SA
[72] ROTH, BRIAN A., SA
[72] LASTRA, RAFAEL ADOLFO, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **EMBALLAGE A DEUX CHAMBRES POUR COMPOSITIONS PHARMACEUTIQUES**
[72] BHARGAVA, RAHUL, IN
[72] MITTAL, BHUPESH KUMAR, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
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[54] **COMPOSES D'HETEROARYL-1,2,4-TRIAZOLE ET D'HETEROARYL-TETRAZOLE POUR LUTTER CONTRE LES ECTOPARASITES**
[72] TOSATTI, PAOLO, US
[72] WACH, JEAN-YVES, US
[71] ELANCO TIERGESUNDHEIT AG, CH
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[54] **REVETEMENTS METALLIQUES POREUX UTILISANT UNE PULVERISATION INDUITE PAR ONDES DE CHOC**
[72] IRISSOU, ERIC, CA
[72] LEFEBVRE, LOUIS-PHILIPPE, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **VEHICULE D'ENTRETIEN DE GAZON POURVU D'UN JOINT DE TRANSPORTEUR DETACHABLE**
[72] SKOOG, ERIK, SE
[72] CLAESSON, MAGNUS, SE
[72] HEDQVIST, ANDREAS, SE
[72] ROBERTSSON, MARTIN, SE
[72] HULTGREN, ANDREAS, SE
[71] HUSQVARNA AB, SE
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[54] **OXIDE PARTICLES WITH CONTROLLED COLOR CHARACTERISTICS, AND COATING COMPOSITION OR FILM-LIKE COMPOSITION CONTAINING SAID OXIDE PARTICLES**
[54] **PARTICULES D'OXYDE AVEC CARACTERISTIQUES DE COULEUR CONTROLEES, ET COMPOSITION DE REVETEMENT OU DE FILM CONTENANT LESDITES PARTICULES D'OXYDE**
[72] ENOMURA, MASAKAZU, JP
[72] HONDA, DAISUKE, JP
[71] M. TECHNIQUE CO., LTD., JP
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[54] **REMPLACEMENT D'EMBOUTISSAGES DE METAL PAR UN COMPOSANT EN MAILLE DANS DES CONCEPTIONS DE PIECE HYBRIDE EN PLASTIQUE ET EN METAL**
[72] MCPHEE, JOEL, CA
[71] MAGNA EXTERIORS INC., CA
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[54] **HEMOFILTRATION DEVICE AND METHODS OF USE THEREOF**
[54] **DISPOSITIF D'HEMOFILTRATION ET SES PROCEDES D'UTILISATION**
[72] ROY, SHUVO, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-11-02
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[54] **A THERMALLY MODIFIED WOOD PRODUCT AND A PROCESS FOR PRODUCING SAID PRODUCT**
[54] **PRODUIT EN BOIS THERMIQUEMENT MODIFIE ET PROCEDE DE PRODUCTION DE CE PRODUIT**
[72] KALLANDER, BJORN, SE
[71] STORA ENSO OYJ, FI
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[54] **COMPOUNDS AND COMPOSITIONS FOR INHIBITING THE ACTIVITY OF SHP2**
[54] **COMPOSES ET COMPOSITIONS POUR L'INHIBITION DE L'ACTIVITE DE SHP2**
[72] CHEN, ZHUOLIANG, US
[72] FORTANET, JORGE GARCIA, US
[72] KARKI, RAJESH, US
[72] LAMARCHE, MATTHEW J., US
[72] MAJUMDAR, DYUTI, US
[72] PEREZ, LAWRENCE BLAS, US
[72] SENDZIK, MARTIN, US
[72] SMITH, TROY DOUGLAS, US
[72] YANG, FAN, US
[72] YU, BING, US
[71] NOVARTIS AG, CH
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[54] **SURFACE TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT DE SURFACE**
[72] SAHAJWALLA, VEENA, AU
[72] PAHLEVANI, FARSHID, AU
[71] COMMONWEALTH STEEL COMPANY PTY LTD, AU
[85] 2018-11-05
[86] 2017-05-17 (PCT/AU2017/050458)
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[54] **ALTERATION SELECTIVE DE REFERENCES A L'INTERIEUR DE PAGES CHIFFREES A L'AIDE D'UNE INTERPOSITION**
[72] MARTINI, PAUL MICHAEL, US
[71] IBOSS, INC., US
[85] 2018-11-02
[86] 2017-05-02 (PCT/US2017/030639)
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[54] **SINGLE-STRANDED OLIGONUCLEOTIDE**
[54] **OLIGONUCLEOTIDIQUE MONOCATENAIRE**
[72] IRIYAMA, YUSUKE, JP
[72] NAKAJIMA, HIROYUKI, JP
[72] KANAKI, TATSURO, JP
[71] NISSAN CHEMICAL CORPORATION, JP
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[54] **PIXEL ARRAY MEDICAL SYSTEMS, DEVICES AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES MEDICAUX DE RESEAUX DE PIXELS**
[72] KNOWLTON, EDWARD, US
[71] SRGI HOLDINGS, LLC, US
[71] KNOWLTON, EDWARD, US
[85] 2018-11-05
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN MEDICAMENT POLYMERISE**
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[72] FANG, JUN, JP
[71] BIODYNAMIC RESEARCH FOUNDATION, JP
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[54] **SYSTEMS AND METHODS FOR TREATING BACTERIAL INFECTION**
[54] **SYSTEMES ET METHODES POUR LE TRAITEMENT D'UNE INFECTION BACTERIENNE**
[72] HUANG, DAVID, US
[72] BOSTIAN, KEITH A., US
[72] KRAMER, WILLIAM G., US
[71] MOTIF BIOSCIENCES INC., US
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[25] EN
[54] **A NEW CRYSTAL SALT FORM OF 2,2-DIMETHYL-6-((4-((3,4,5-TRIMETHOXYPHENYL)AMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2H-PYRIDO[3,2-B][1,4]OXAZINE-3(4H)-ONE FOR HUMAN USE**
[54] **NOUVELLE FORMULE CRISTALLINE DE SEL DE 2,2-DIMETHYL-6-((4-((3,4,5-TRIMETHOXYPHENYL)AMINO)-1,3,5-TRIAZIN-2-YL)AMINO)-2H-PYRIDO[3,2-B][1,4]OXAZIN-3(4H)-ONE A USAGE MEDICAL**
[72] NEBOLSIN, VLADIMIR EVGENIEVICH, RU
[72] NOVIKOV, FEDOR NIKOLAEVICH, RU
[72] CHILOV, GERMES GRIGORIEVICH, RU
[72] STROGANOV, OLEG VALENTINOVICH, RU
[72] STROILOV, VIKTOR SERGEEVICH, RU
[72] TITOV, ILYA YURIEVICH, RU
[71] LIMITED "MOLECULAR TECHNOLOGIES", RU
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[54] **BEVERAGE DISPENSER CONTROLS**
[54] **COMMANDES DE DISTRIBUTEUR DE BOISSONS**
[72] NEWMAN, DAVID R., US
[72] GREEN, CHARLES BRADLEY, US
[71] THE COCA-COLA COMPANY, US
[85] 2018-11-05
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[54] **DISTRIBUTED AUTONOMOUS ROBOT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE ROBOT AUTONOME DISTRIBUES**
[72] ENSSLE, BENJAMIN D., US
[72] BRIGHTWELL, DAVID BLAIR, US
[72] BRYAN, GREG A., US
[72] BROOKS, CRISTY CRANE, US
[72] GABBERT, HOWARD, US
[71] WALMART APOLLO, LLC, US
[85] 2018-11-05
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[54] **METHOD OF MANUFACTURING AND ASSEMBLY OF A SERIES OF PREFABRICATED PREFINISHED VOLUMETRIC CONSTRUCTION (PPCV) MODULES**
[54] **PROCEDE DE FABRICATION ET D'ASSEMBLAGE D'UNE SERIE DE MODULES DE CONSTRUCTION VOLUMETRIQUES PREFINIS PREFABRIQUES (PPVC)**
[72] CHAILLAN, GILLES ALAIN MARIUS, SG
[71] DRAGAGES SINGAPORE PTE LTD, SG
[85] 2018-11-05
[86] 2017-04-20 (PCT/SG2017/050219)
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[54] **PIPERAZINYL METHANONE NAAA INHIBITORS**
[54] **INHIBITEURS DE PIPERAZINYL METHANONE NAAA**
[72] PIOMELLI, DANIELE, US
[72] SCARPELLI, RITA, IT
[72] MIGLIORE, MARCO, IT
[72] HEIM, ROGER, US
[72] GARCIA-GUZMAN, MIGUEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/00 (2012.01) G07G 1/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR IDENTIFYING POTENTIAL SHOPLIFTING INCIDENTS**
[54] **SYSTEMES ET PROCEDES POUR IDENTIFIER DES INCIDENTS DE VOL A L'ETALAGE POTENTIELS**
[72] DEY, ANINDYA SANKAR, IN
[72] SAYYAD, SADAF RIYAZ, IN
[71] WALMART APOLLO, LLC, US
[85] 2018-11-05
[86] 2017-05-01 (PCT/US2017/030389)
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[30] US (62/332,204) 2016-05-05

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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING ACUTE MYELOID LEUKEMIA AND MULTIPLE MYELOMA USING NATURAL KILLER CELLS**
[54] **METHODES DE TRAITEMENT D'UNE LEUCEMIE MYELOIDE AIGUE D'UN MYELOME MULTIPLE A L'AIDE DE CELLULES TUEUSES NATURELLES**
[72] FISCHKOFF, STEVEN ALAN, US
[72] HERZBERG, URI, US
[72] KANG, LIN, US
[72] MURPHY, BRIAN, US
[72] NORDBERG, ANDREA, US
[72] VOSKINARIAN-BERSE, VANESSA, US
[72] WILSON, KEITH, US
[72] ZHANG, XIAOKUI, US
[72] MYINT, HAN, US
[72] HUSSEIN, MOHAMED, US
[71] CELULARITY, INC., US
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[54] **ISOLATING DECOUPLER**
[54] **DECOUPLEUR ISOLANT**
[72] SERKH, ALEXANDER, US
[72] HODJAT, YAHYA, US
[72] KLEYMAN, ILYA, US
[72] RAHDAR, ESSIE, US
[71] GATES CORPORATION, US
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[25] EN
[54] **MOBILE AND WEARABLE VIDEO CAPTURE AND FEEDBACK PLAT-FORMS FOR THERAPY OF MENTAL DISORDERS**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE PLATEFORMES DE CAPTURE DE VIDEO ET DE RETOUR MOBILES ET PORTATIVES POUR THERAPIE DES TROUBLES MENTAUX**
[72] VOSS, CATALIN, US
[72] HABER, NICHOLAS JOSEPH, US
[72] WALL, DENNIS PAUL, US
[72] KLINE, AARON SCOTT, US
[72] WINOGRAD, TERRY ALLEN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[71] VOSS, CATALIN, US
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[25] EN
[54] **QUANTITATIVE PROFILING OF PROGESTERONE METABOLITES FOR THE PREDICTION OF SPONTANEOUS PRETERM DELIVERY**
[54] **PROFILAGE QUANTITATIF DE METABOLITES DE LA PROGESTERONE POUR LA PREDICTION DE L'ACCOUCHEMENT PREMATURE SPONTANE**
[72] PATIL, AVINASH SHIVAPUTRAPPA, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2018-11-05
[86] 2017-05-03 (PCT/US2017/030759)
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[25] EN
[54] **PHARMACEUTICAL OPHTHALMIC COMPOSITIONS AND METHODS FOR FABRICATING THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES OPHTALMIQUES ET PROCEDES DE FABRICATION ASSOCIES**
[72] WILEY, WILLIAM, US
[72] DILZER, RICHARD, US
[72] SAADEH, DENNIS ELIAS, US
[72] LIEGNER, JEFFREY T., US
[72] KAROLCHYK, JOHN SCOTT, US
[72] COVALESKY, BERNARD, US
[72] PETERS, KALLAN, US
[71] IMPRIMIS PHARMACEUTICALS, INC., US
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[30] US (15/148,574) 2016-05-06
[30] US (15/178,812) 2016-06-10

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[51] **Int.Cl. C08J 5/24 (2006.01) C07D 265/14 (2006.01) C08G 73/06 (2006.01)**
[25] EN
[54] **BENZOTHIAZOLES AS LATENT CATALYSTS FOR BENZOXAZINE RESINS**
[54] **BENZOTHIAZOLES COMME CATALYSEURS LATENTS POUR RESINES DE BENZOXAZINE**
[72] KINCAID, DEREK SCOTT, US
[72] LE, DONG, US
[72] JOHNSON, DAVID L., US
[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US
[85] 2018-11-05
[86] 2017-05-09 (PCT/US2017/031695)
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[54] **TARGET PEPTIDES FOR CANCER THERAPY AND DIAGNOSTICS**
[54] **PEPTIDES CIBLES POUR LE TRAITEMENT ET LE DIAGNOSTIC DU CANCER**
[72] HUNT, DONALD F., US
[72] SHABANOWITZ, JEFFREY, US
[72] TRANTHAM MYERS, PAISLEY, US
[72] COBBOLD, MARK, US
[72] BUTTNER, NICO, GB
[72] MALAKER, STACY ALYSE, US
[72] PENNY, SARAH, GB
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] THE UNIVERSITY OF BIRMINGHAM, GB
[85] 2018-11-05
[86] 2017-05-05 (PCT/US2017/031266)
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[30] US (62/332,139) 2016-05-05

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[51] **Int.Cl. H01H 9/00 (2006.01) H01F 29/00 (2006.01)**
[25] EN
[54] **SWITCHING MODULE CONTROLLER FOR A VOLTAGE REGULATOR**
[54] **DISPOSITIF DE COMMANDE DE MODULE DE COMMUTATION POUR UN REGULATEUR DE TENSION**
[72] SCHAAR, JONATHAN MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-11-05
[86] 2017-05-03 (PCT/US2017/030820)
[87] (WO2017/192707)
[30] US (15/146,505) 2016-05-04

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[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND DRESSING MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE PANSEMENT DE PLAIE A PRESSION NEGATIVE**
[72] BISHOP, STEPHEN, GB
[72] GILDING, DUNCAN, GB
[72] LEE, BRYONY, GB
[72] POWELL, SHAUNA, GB
[71] CONVATEC TECHNOLOGIES INC., US
[85] 2018-11-05
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[30] GB (1608099.6) 2016-05-09
[30] US (62/370,667) 2016-08-03

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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **ANALYTICAL STANDARDS AND METHODS OF USING SAME**
[54] **ETALONS ANALYTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] BECKMAN, KENNETH, US
[72] GOHL, DARYL, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-11-05
[86] 2017-05-05 (PCT/US2017/031271)
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[30] US (62/332,879) 2016-05-06

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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 16/14 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PHYSICAL UPLINK SHARED CHANNEL (PUSCH) FORMAT SIGNALING AND CONTENTION ACCESS**
[54] **SYSTEMES ET PROCEDES DE SIGNALISATION DE FORMAT DE CANAL PARTAGE DE LIAISON MONTANTE PHYSIQUE (PUSCH) ET D'ACCES EN MODE CONTENTION**
[72] YIN, ZHANPING, US
[72] NOGAMI, TOSHIZO, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-11-05
[86] 2017-05-10 (PCT/US2017/031982)
[87] (WO2017/196994)
[30] US (62/334,964) 2016-05-11
[30] US (15/590,830) 2017-05-09

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[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **VASCULAR ACCESS DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS D'ACCES VASCULAIRE, SYSTEMES ET PROCEDES**
[72] CRISCO, L. VAN THOMAS, US
[71] ACCESS FLOW SYSTEMS, LLC, US
[85] 2018-11-02
[86] 2017-05-03 (PCT/US2017/030811)
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[30] US (62/331,229) 2016-05-03

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[51] **Int.Cl. A61B 17/34 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **VASCULAR ACCESS DEVICES AND METHODS**
[54] **DISPOSITIF D'ACCES VASCULAIRE ET PROCEDES ASSOCIES**
[72] CRISCO, L. VAN THOMAS, US
[72] HANCOCK, ASHLEY B., US
[72] MOOMEY, CHARLES BRUCE, US
[72] WALSH, BRIAN PATRICK, US
[72] GRATA, PAUL JOHN, US
[72] RICHARDSON, DONALD A., US
[71] ACCESS FLOW SYSTEMS, LLC, US
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[25] EN
[54] **LINEAR SUBSTRATE INFUSION COMPARTMENT**
[54] **COMPARTIMENT DE PERFUSION DE SUBSTRAT LINEAIRE**
[72] GONZALEZ, JUAN ALBERTO GALINDO, US
[72] YORDE, RICHARD, US
[72] ANDERSON, RICK, US
[72] MCGILVERY, JESS A., US
[72] MCGILVERY, WASINGTON I., US
[72] MICHAEL, DOUGLAS, US
[72] KUMMER, RANDY D., US
[71] SOUTHWIRE COMPANY, LLC, US
[85] 2018-11-05
[86] 2017-05-08 (PCT/US2017/031331)
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[30] US (62/332,777) 2016-05-06
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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/15 (2006.01) A61M 1/36 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **SENSING SYSTEM FOR MULTIPLE LUMEN TUBING**
[54] **SYSTEME DE DETECTION POUR TUBULURE A LUMIERES MULTIPLES**
[72] PIERCE, NATE, US
[72] CLAYTON, LARRY, US
[72] RILEY, TIMOTHY, US
[71] MOOG INC., US
[85] 2018-11-05
[86] 2017-05-17 (PCT/US2017/033091)
[87] (WO2017/205141)
[30] US (62/341,176) 2016-05-25

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[51] **Int.Cl. G06F 11/00 (2006.01)**
[25] EN
[54] **SECURITY WEAKNESS AND INFILTRATION DETECTION AND REPAIR IN OBFUSCATED WEBSITE CONTENT**
[54] **DETECTION ET REPARATION D'INFILTRATION ET DE FAIBLESSE DE SECURITE DANS UN CONTENU DE SITE WEB OBSCURCI**
[72] GORNY, TOMAS, US
[72] CONRAD, TRACY, US
[72] LOVELL, SCOTT, US
[72] FEATHER, NEILL E., US
[71] SITELOCK, LLC, US
[85] 2018-11-05
[86] 2017-05-05 (PCT/US2017/031348)
[87] (WO2017/193027)
[30] US (62/332,720) 2016-05-06
[30] US (62/422,311) 2016-11-15

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[51] **Int.Cl. C07D 213/82 (2006.01) A61K 51/04 (2006.01)**
[25] EN
[54] **18F-FNDP FOR PET IMAGING OF SOLUBLE EPOXIDE HYDROLASE (SEH)**
[54] **18F-FNDP POUR L'IMAGERIE TEP D'EPOXYDE HYDROLASE SOLUBLE (EHS)**
[72] HORTI, ANDREW, US
[72] POMPER, MARTIN G., US
[72] ALAYED, NABIL J., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2018-11-02
[86] 2017-05-04 (PCT/US2017/031065)
[87] (WO2017/192854)
[30] US (62/331,691) 2016-05-04

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD FOR DETECTION OF A PCR PRODUCT**
[54] **PROCEDE DE DETECTION D'UN PRODUIT DE PCR**
[72] MURANTE, RICHARD S., US
[72] TANNOUS, VERA, US
[71] INTEGRATED NANO-TECHNOLOGIES, INC., US
[85] 2018-11-05
[86] 2017-05-18 (PCT/US2017/033255)
[87] (WO2017/201239)
[30] US (62/337,917) 2016-05-18

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[51] **Int.Cl. G06Q 10/10 (2012.01)**
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[54] **LOCATION INTEGRATION INTO ELECTRONIC MAIL SYSTEM**
[54] **INTEGRATION DE LOCALISATION DANS UN SYSTEME DE COURRIER ELECTRONIQUE**
[72] ZHONG, LIN, US
[72] SONI, SHAHIL, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2018-11-05
[86] 2017-05-24 (PCT/US2017/034103)
[87] (WO2017/213844)
[30] US (15/173,959) 2016-06-06

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[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/00 (2006.01) A61K 31/79 (2006.01) A61K 47/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF INFLAMMATION OR INFECTION OF THE EYE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE L'INFLAMMATION OU DE L'INFECTION DE L'OEIL**
[72] CAPRIOTTI, JOSEPH, US
[72] CAPRIOTTI, KARA, US
[72] PELLETIER, JESSE, US
[71] VELOCE BIOPHARMA, LLC, US
[85] 2018-11-05
[86] 2017-05-05 (PCT/US2017/031390)
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[30] US (62/332,306) 2016-05-05

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[51] **Int.Cl. E04B 9/04 (2006.01) B32B 3/02 (2006.01) B32B 7/12 (2006.01) E04B 9/00 (2006.01) E04B 9/06 (2006.01) E04B 9/10 (2006.01) E04B 9/24 (2006.01) E04B 9/28 (2006.01) E04C 2/38 (2006.01)**
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[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] GAYDOS, CHRISTOPHER D., US
[72] SPRINGER, BRIAN L., US
[72] SHEARER, LORI JO L., US
[72] HUNTZINGER, SCOTT L., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[30] US (15/163,042) 2016-05-24

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[72] PLIUSCHEV, MARINA, US
[72] FROST, JENNIFER M., US
[72] BLACK, LAWRENCE A., US
[72] XU, XIANGDONG, US
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[72] LEIBOWITZ, DALIA, US
[72] AKILIAN, MIREILLE, US
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[54] **COMPOSITIONS ET METHODE POUR TRAITER DES TROUBLES ACIDE-BASE**
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[72] CONNOR, ERIC F., US
[72] GBUR, RANDI K., US
[72] KADE, MATTHEW J., US
[72] KIERSTEAD, PAUL H., US
[72] BUYSSE, JERRY M., US
[72] COPE, MICHAEL J., US
[72] BIYANI, KALPESH N., US
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[71] NANTOMICS, LLC, US
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[54] **SYSTEMES, PROCEDES ET SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR POUR COMMANDER DES ASPECTS D'UN DISPOSITIF CHIRURGICAL ROBOTIQUE ET AFFICHAGE STEREOSCOPIQUE S'ADAPTANT A L'OBSERVATEUR**
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[72] MEGLAN, DWIGHT, US
[72] PEINE, WILLIAM, US
[72] DVORNIK, ALBERT, US
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[72] PRESZ, WALTER M., JR., US
[72] CHITALE, KEDAR, US
[72] HATTEN, DANIEL, US
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[54] **RESERVOIR POUR DEUX CARBURANTS POUR DES APPLICATIONS DE LOCOMOTIVE ET MARINES**
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[72] DECLIPPELEIR, HAYDEE, US
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[72] GOEL, RAMESH, US
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[72] MIKASA, TRACI, US
[72] FOX, CHRISTOPHER B., US
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[72] PIERCE, ROBERT, US
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[72] SCHAAF, PIERRE, FR
[72] VRANA, NIHAL ENGIN, FR
[72] MUTSCHLER, ANGELA, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **METHODE DE TRAITEMENT DU CANCER UROTHELIAL DU TRACTUS INFERIEUR**
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[72] CUTIE, CHRISTOPHER, US
[72] SARMA, PURNANAND, US
[72] LARRIVEE-ELKINS, CHERYL, US
[72] SEARCY, CHRISTOPHER, US
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[72] ELABBADY, TAREK Z., US
[72] HABIB, MONA SOLIMAN, US
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[54] **COMPOSANTS ANTIADHESIFS POUR RENFORCEMENT DES PROPRIETES ANTIADHESIVES D'UN MATERIAU D'EMBALLAGE THERMOPLASTIQUE**
[72] SCHELERO, NATASCHA, DE
[72] MULLER, THIERRY, LU
[72] MARSON, ANGELICA, DE
[72] SACCHI, ALESSANDRA STELLA, IT
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[54] **MODULE DE DEGAZAGE A FIBRES CREUSES ET PROCEDE DE DEGAZAGE DE LIQUIDE UTILISANT LEDIT MODULE DE DEGAZAGE A FIBRES CREUSES**
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[72] OI, KAZUMI, JP
[72] SUGANUMA, YOUHEI, JP
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[72] LI, XIAOLING, US
[71] TRIASTEK, INC., CN
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[54] **PLANIFICATEUR PREDICTIF DE TACHE DE TRAITEMENT SISMIQUE**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[72] LECH, RICHARD, US
[72] ZEMLOK, MICHAEL, US
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[72] PARKER, TRACY, GB
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[72] TELENTI, AMALIO, US
[71] HUMAN LONGEVITY, INC., US
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[72] TATE, JOHN MARSHALL, III, NL
[72] YATES, ROBERT ARTHUR, NL
[72] POMERLEAU, MARCEL JULIEN, NL
[72] HEON, JON MICHAEL, NL
[72] DIRKX, WILFRIED MARC RENAAT, NL
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[54] **DISPOSITIFS D'ACCES ET METHODES POUR LE TRAITEMENT D'AFFECTIONS MEDICALES ET L'ADMINISTRATION DE PRODUITS INJECTABLES**
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[72] SANDERS, GARY H., US
[72] GREELIS, JACK, US
[72] YUREK, MATTHEW THOMAS, US
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[72] SCHAPANSKY, CHASE, US
[72] VACCARI, RICHARD, US
[72] BISCHEL, JEREMY, US
[72] JOHNSON, RYAN, US
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[72] REED, PATSY B., US
[71] CLERISY CORPORATION, US
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[54] **COMPOSITIONS CIMENTAIRES COMPRENANT UN FLUIDE NON AQUEUX ET UN MATERIAU A ACTIVATION ALCALINE**
[72] VAN OORT, ERIC, US
[72] AUGHENBAUGH, KATHERINE LOUISE, US
[72] NAIR, SRIRAMYA DUDDUKURI, US
[72] LIU, XIANGYU, US
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[54] **ENSEMBLE SEMOIR EN LIGNES**
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[71] COTE AG TECHNOLOGIES, LLC, US
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[54] **SYSTEME D'ANALYSE ET DE TRAITEMENT DE RECU NUMERIQUE**
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[54] **ENSEMBLE MODULAIRE A RACCORDEMENT PAR POUSSEE**
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[72] YODER, KEITH W., US
[72] LAFORTUNE, JAMES A., US
[71] NIBCO INC., US
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[54] **CABLE DE DISTRIBUTION OPTIQUE A FIBRES MULTIPLES POUR INSTALLATIONS DANS DES COULOIRS**
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[72] HENDRICKSON, DANIEL, US
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[54] **METHOD FOR MANAGING MOVEMENTS OF A FLEET OF AUTONOMOUS MOBILE OBJECTS, METHOD FOR MOVEMENT OF AN AUTONOMOUS MOBILE OBJECT, CORRESPONDING DEVICES AND COMPUTER PROGRAM PRODUCTS**
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[54] **SYSTEM AND METHOD FOR INTERNATIONAL MERCHANDISE RETURN SERVICE**
[54] **SYSTEME ET PROCEDE POUR UN SERVICE INTERNATIONAL DE RETOUR DE MARCHANDISE**
[72] CLAUSEN, RACHEL E., US
[72] FELIX, SHEA R., US
[72] SOBEL, KATE A., US
[71] UNITED STATES POSTAL SERVICE, US
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[54] **COMPOSITIONS PHYTOSANITAIRES CONTENANT UN PESTICIDE SOLUBLE DANS L'EAU ET UNE SUBSTANCE AGROCHIMIQUE SOLUBLE DANS L'EAU**
[72] ZHANG, JUNHUA, US
[72] KOHN, FRANK C., US
[72] WRIGHT, DANIEL R., US
[72] DYSZLEWSKI, ANDREW D., US
[72] ABRAHAM, WILLIAM, US
[72] HEMMINGHAUS, JOHN, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2011-03-14
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[62] 2,792,123
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[54] **FLUID PUMP ASSEMBLY**
[54] **BLOC POMPE POUR LIQUIDES**
[72] MARKS, TIMOTHY, US
[72] CLASEN, PATRICK, US
[72] LAWYER, JUSTIN, US
[71] ECOTECH, INC., US
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[54] **LEVEL**
[54] **NIVEAU A BULLE**
[72] STEELE, MICHAEL S., US
[72] BURCH, WADE, US
[72] ALBRECHT, TIMOTHY, US
[72] PHILLIPS, MICHAEL, US
[72] MILLER, BRANDON, US
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
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[54] **SUBTHRESHOLD MICROPULSE LASER PROPHYLACTIC TREATMENT FOR CHRONIC PROGRESSIVE RETINAL DISEASES**
[54] **TRAITEMENT PROPHYLACTIQUE PAR LASER A MICRO-IMPULSIONS INFRALIMINAIRE POUR MALADIES EVOLUTIVES CHRONIQUES DE LA RETINE**
[72] CHANG, DAVID B., US
[72] LUTTRULL, JEFFREY K., US
[72] MARGOLIS, BENJAMIN W. L., US
[71] OJAI RETINAL TECHNOLOGY, LLC, US
[22] 2015-11-16
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[54] **A NOVEL CELL AND THERAPEUTICAL AND DIAGNOSTICAL METHODS BASED THEREON**
[54] **NOUVELLE CELLULE ET PROCEDES THERAPEUTIQUES ET DIAGNOSTIQUES BASES SUR CELLE-CI**
[72] JALKANEN, SIRPA, FI
[72] SALMI, MARKO, FI
[72] JALKANEN, MARKKU, FI
[71] FARON PHARMACEUTICALS OY, FI
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[54] **MULTIPLEXED ANALYSES OF TEST SAMPLES**
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[72] GUPTA, SHASHI, US
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[72] ZICHI, DOMINIC, US
[72] GOLD, LARRY, US
[71] SOMALOGIC, INC., US
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[25] EN
[54] **NOVEL KINASE MODULATORS**
[54] **NOUVEAUX MODULATEURS DE KINASE**
[72] MUTHUPPALANIAPPAN, MEYYAPPAN, IN
[72] VISWANADHA, SRIKANT, IN
[72] BABU, GOVINDARAJULU, IN
[72] VAKKALANKA, SWAROOP KUMAR, IN
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[54] **MECHANICAL PULPING REFINER PLATE HAVING CURVED REFINING BARS WITH JAGGED LEADING SIDEWALLS AND METHOD FOR DESIGNING PLATES**
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[72] GINGRAS, LUC, US
[71] ANDRITZ INC., US
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[54] **ATV HAVING A HAND GRIP ARRANGEMENT FOR A PASSENGER**
[54] **VTT EQUIPE D'UN MECANISME DE POIGNEE POUR UN PASSAGER**
[72] RIPLEY, RICHARD D., US
[72] SUNSDAHL, ROY A., US
[72] TAYLOR, SCOTT D., US
[71] POLARIS INDUSTRIES INC., US
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[54] **METHODS, REAGENTS AND KITS FOR DETECTING MINIMAL RESIDUAL DISEASE**
[54] **PROCEDES, REACTIFS ET KITS DE DETECTION DE MALADIE RESIDUELLE MINIMALE**
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[72] ORFAO DE MATOS CORREIA E VALE, JOSE ALBERTO, ES
[72] FLORES MONTERO, JUAN ALEJANDRO, ES
[72] ALMEIDA PARRA, JULIA MARIA, ES
[72] VAN DER VELDEN, VINCENT HENRICUS JOHANNES, NL
[72] BOTTCHER, SEBASTIAN, DE
[72] LANGERAK, ANTHONIE WILLEM, NL
[72] MEJSTRIKOVA, ESTER, CZ
[72] SZCZEPANSKI, TOMASZ, PL
[72] RITGEN, MATTHIAS, DE
[72] MONTEIRO DA SILVA LUCIO, PAULO JORGE, PT
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
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[54] **SYSTEME ELECTROCHIRURGICAL**
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[72] CAPPELLO, CHRISTOPHER J., US
[72] JOHNSON, GARY M., US
[72] GIANNESCHI, BENJAMIN A., US
[72] TRAN, OLIVA J., US
[72] WIXEY, MATTHEW A., US
[72] PRAVONGVIENGKHAM, KENNII, US
[72] PRAVONG, BOUN, US
[72] YAWATA, HARUYASU, US
[72] BRUSTAD, JOHN R., US
[72] COHEN, ADAM J., US
[72] HILAL, NABIL, US
[72] BECERRA, MATTHEW M., US
[72] PINGLETON, EDWARD D., US
[72] HILAL, SAID S., US
[72] HART, CHARLES C., US
[72] WIKOFF, CHRIS R., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[54] **USE OF ULTRARAPID ACTING INSULIN**
[54] **UTILISATION DE L'INSULINE A ACTION ULTRARAPIDE**
[72] RICHARDSON, PETER, US
[72] BAUGHMAN, ROBERT A., US
[72] POTOCKA, ELIZABETH, US
[72] BOSS, ANDERS HASAGER, US
[72] PETRUCCI, RICHARD, US
[72] HOWARD, CAMPBELL, US
[72] MANN, ALFRED, US
[71] MANNKIND CORPORATION, US
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[54] **AUXETIC STRUCTURES AND FOOTWEAR WITH SOLES HAVING AUXETIC STRUCTURES**
[54] **STRUCTURES AUXETIQUES ET ARTICLE CHAUSSANT DOTE DE SEMELLES AYANT DES STRUCTURES AUXETIQUES**
[72] CROSS, TORY M., US
[72] HOFFER, KEVIN W., US
[72] JONES, DAVID P., US
[72] KIRSCHNER, PATRICK B., US
[72] LANGVIN, ELIZABETH, US
[72] MESCHTER, JAMES C., US
[71] NIKE INNOVATE C.V., US
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[25] EN
[54] **MODIFICATION OF RNA, PRODUCING AN INCREASED TRANSCRIPT STABILITY AND TRANSLATION EFFICIENCY**
[54] **MODIFICATIONS D'ARN, QUI PERMETTENT UNE STABILITE DE TRANSCRIPTION ET UNE EFFICACITE DE TRANSLATION AMELIOREES**
[72] SAHIN, UGUR, DE
[72] HOLTKAMP, SILKE, DE
[72] TURECI, OZLEM, DE
[72] KREITER, SEBASTIAN, DE
[71] BIONTECH AG, DE
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[51] **Int.Cl. A61L 27/54 (2006.01) A61K 8/04 (2006.01) A61K 8/73 (2006.01) A61K 31/167 (2006.01) A61L 27/20 (2006.01) A61L 27/52 (2006.01) A61P 23/00 (2006.01) A61Q 19/08 (2006.01)**
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[54] **HYALURONIC ACID-BASED GELS INCLUDING LIDOCAINE**
[54] **GELS A BASE D'ACIDE HYALURONIQUE COMPRENANT DES AGENTS ANESTHESIQUES**
[72] LEBRETON, PIERRE F., FR
[71] ALLERGAN INDUSTRIE, SAS, FR
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[41] 2010-02-11
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[30] US (61/085,956) 2008-08-04
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