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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:

None

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

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

Aucun

9. Applications Open to Public Inspection

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 However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*.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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After 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 October 2, 2018 contains applications open to public inspection from September 16, 2018 to September 22, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 2 octobre 2018 contient les demandes disponibles au public pour consultation pour la période du 16 septembre 2018 au 22 septembre 2018.

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION, COMPRISING EUCALYPTUS OIL AND ORANGE OIL**
[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT DE L'HUILE D'EUCALYPTUS ET DE L'HUILE D'ORANGE**
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[54] **SYSTEM AND METHOD FOR HEALTHCARE MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION DE SOINS DE SANTE**
[72] TAMBLYN, ROBYN, CA
[72] HUANG, ALLEN, CA
[72] FAUCHER, MELODIE, CA
[72] GRAD, ROLAND, CA
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[54] **VACCINATION ACCELEREE**
[72] NABEL, GARY J., US
[72] SULLIVAN, NANCY J., US
[72] GEISBERT, THOMAS W., US
[72] JAHRLING, PETER B., US
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[25] EN
[54] **CHIMERIC ANTIGENS FOR BREAKING HOST TOLERANCE TO FOREIGN ANTIGENS**
[54] **ANTIGENES CHIMERES DESTINES A SUPPRIMER LA TOLERANCE D'UN HOTE VIS-A-VIS D'ANTIGENES ETRANGERS**
[72] GEORGE, RAJAN, CA
[72] TYRRELL, LORNE, CA
[72] NOUJAIM, ANTOINE, CA
[72] WANG, DAKUN, CA
[72] MA, ALLAN, CA
[73] AKSHAYA BIO INC., CA
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[51] **Int.Cl. G06F 3/023 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01) H01H 13/70 (2006.01)**
[25] EN
[54] **HAND-HELD ELECTRONIC DEVICE WITH A KEYBOARD OPTIMIZED FOR USE WITH THE THUMBS**
[54] **DISPOSITIF ELECTRONIQUE A MAIN DOTE D'UN CLAVIER OPTIMISE POUR S'UTILISER AVEC LES POUCES**
[72] GRIFFIN, JASON T., CA
[72] WALTERS, DAVID M., CA
[72] HOLMES, JOHN A., CA
[72] LAZARIDIS, MIHAL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **LIGHT MANAGEMENT SYSTEM HAVING NETWORKED INTELLIGENT LUMINAIRE MANAGERS**
[54] **SYSTEME DE GESTION D'ECLAIRAGE A GESTIONNAIRES DE LUMINAIRES INTELLIGENTS EN RESEAU**
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[72] DARNELL, CHARLES J., US
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[72] WRIGHT, ALLEN B., US
[72] LACKNER, KLAUS S., US
[72] WRIGHT, BURTON, US
[72] WALLEN, MATT, US
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[54] **APPAREIL A ECRAN TACTILE**
[72] LOWLES, ROBERT, CA
[72] ROBINSON, JAMES ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **REGULATING STEM CELLS**
[54] **REGULATION DE CELLULES SOUCHES**
[72] FULGA, VALENTIN, IL
[72] PORAT, YAEL, IL
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[73] KWALATA TRADING LIMITED, CY
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[54] **ENERGY TRANSFER MACHINE AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRANSFERT D'ENERGIE**
[72] KLASSEN, JAMES B., CA
[72] BOEHM, DAVID W., CA
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[72] HOLZMANN, BERNHARD, DE
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[54] **PROCEDE DE TRAITEMENT DE LA CELLULITE**
[72] BADALEMENTE, MARIE A., US
[72] DAGUM, ALEXANDER B., US
[73] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[51] **Int.Cl. C07C 215/40 (2006.01) C07C 215/42 (2006.01)**
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[54] **POSITIVELY CHARGED WATER-SOLUBLE PRODRUGS OF DICLOFENAC WITH VERY FAST SKIN PENETRATION RATE**
[54] **PROMEDICAMENTS HYDROSOLUBLES A CHARGE POSITIVE DU DICLOFENAC PRESENTANT UNE VITESSE DE PENETRATION CUTANEE TRES RAPIDE**
[72] YU, CHONGXI, US
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[54] **APPARATUS AND METHOD FOR USE WITH A MEDICAL INFUSION PUMP**
[54] **APPAREIL ET PROCEDE A UTILISER AVEC UNE POMPE A PERFUSION MEDICALE**
[72] BLOMQUIST, MICHAEL L., US
[73] SMITHS MEDICAL ASD, INC., US
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[25] EN
[54] **PROVIDING TEMPORARY CALLBACK NUMBER FOR EMERGENCY CALLS**
[54] **OBTENTION DE NUMERO TEMPORAIRE DE RAPPEL AUTOMATIQUE POUR APPELS D'URGENCE**
[72] SNAPP, JOHN LAWRENCE, US
[73] WEST CORPORATION, US
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[51] **Int.Cl. A01N 63/02 (2006.01) A01N 25/02 (2006.01) A01N 25/08 (2006.01)**
[25] EN
[54] **COMPOSITION BASED ON BACILLUS THURINGIENSIS AND CORRELATE BACILLUS GENERA AND THEIR USE IN PEST CONTROL**
[54] **COMPOSITION FONDEE SUR LE BACILLUS THURINGIENSIS ET LE BACILLUS CORRELE GENERA ET LEUR UTILISATION POUR LE CONTROLE DES RAVAGEURS**
[72] DE PONTES, ROSE GOMES MONNERAT SOLON, BR
[72] SOARES, CARLOS MARCELO SILVEIRA, BR
[72] BERRY, COLIN, GB
[73] EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA-EMBRAPA, BR
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[73] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
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[51] **Int.Cl. B23H 1/00 (2006.01) B23H 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR WIRE ELECTRO-DISCHARGE MACHINING A PART**
[54] **METHODE D'ELECTROEROSION A FIL D'UNE PIECE**
[72] BEN SALAH, NIHAD, CA
[72] BOUTHILLIER, ALAIN, CA
[72] FREDERICK, MICHEL, CA
[72] FOURNIER, JEAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **ANALOGUES SELECTIFS DU PEPTIDE 2 DE TYPE GLUCAGON (GLP-2)**
[72] LARSEN, BJARNE DUE, DK
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[54] **SINGLE-AXIS SENSORS ON FLEXIBLE BACKBONE**
[54] **CAPTEURS A AXE SIMPLE SUR UN AXE FLEXIBLE**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] MAFFRE, JENNIFER, US
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[54] **SYSTEME-CONSEIL INTERACTIF**
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[72] ROOT, MICHAEL R., US
[73] LOCATOR IP, LP, US
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[25] EN
[54] **TREATING STROKE AND OTHER DISEASES WITHOUT INHIBITING N-TYPE CALCIUM CHANNELS**
[54] **TRAITEMENT DES INCIDENTS CEREBROVASCULAIRES ET D'AUTRES MALADIES SANS INHIBITION DES CANAUX CALCIUM DE TYPE N**
[72] BELMARES, MICHAEL P., US
[72] GARMAN, JONATHAN DAVID, US
[72] LU, PETER S., US
[72] SALTER, MICHAEL W., CA
[72] TYMIANSKI, MICHAEL, CA
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[25] EN
[54] **BACTERIAL EXTRACT FOR RESPIRATORY DISORDERS AND PROCESS FOR ITS PREPARATION**
[54] **EXTRAIT BACTERIEN POUR TROUBLES RESPIRATOIRES ET PROCEDE POUR SA PREPARATION**
[72] BAUER, JACQUES ALAIN, CH
[72] SALVAGNI, MARCO, CH
[72] VIGROUX, JEAN-PIERRE LEON, FR
[72] CHALVET, LAETITIA, CH
[72] CHIAVAROLI, CARLO, FR
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[54] **BACTERIAL EXTRACT FOR DIGESTIVE OR URINARY TRACT DISORDERS AND PROCESS FOR ITS PREPARATION**
[54] **EXTRAIT BACTERIEN POUR DES TROUBLES DU TUBE DIGESTIF OU DU TRACTUS URINAIRE ET PROCEDE POUR SA PREPARATION**
[72] BAUER, JACQUES ALAIN, CH
[72] SALVAGNI, MARCO, CH
[72] VIGROUX, JEAN-PIERRE LEON, FR
[72] CHALVET, LAETITIA, CH
[72] CHIAVAROLI, CARLO, FR
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[54] **ANALYSE D'UNE POPULATION MICROBIENNE**
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[73] MICROBIOME LIMITED, NL
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[54] **GESTION DE COUPONS ELECTRONIQUES DYNAMIQUES**
[72] RAJAN, RAJEEV D., US
[72] MOALLEMI, KAMRAN, US
[72] KOENIG, MICHAL JAMES, US
[72] MICHAELIS, OLIVER, US
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[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE POUR LA PRODUCTION DE VIRUS A ENVELOPPE STABLES AU PH**
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[54] **FORME GALENIQUE POUR INSERTION DANS LA BOUCHE**
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[72] CHU, CHUN KWONG, CN
[72] WANG, ZHENG, US
[73] NAL PHARMACEUTICAL GROUP LIMITED, HK
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[54] **HEAT COLLECTION ROOFING SYSTEM AND METHOD FOR COLLECTING HEAT WITHIN A ROOF**
[54] **SYSTEME DE TOITURE SERVANT A CAPTER LA CHALEUR ET PROCEDE DE CAPTAGE DE LA CHALEUR SOUS LA TOITURE**
[72] KELLY, THOMAS L., US
[73] KELLY, THOMAS L., US
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[54] **LOAD SHED SYSTEM FOR DEMAND RESPONSE WITHOUT AMI/AMR SYSTEM**
[54] **SYSTEME DE DELESTAGE CONCU POUR POUVOIR REPONDRE A LA DEMANDE SANS SYSTEME D'INFRASTRUCTURE DE COMPTAGE EVOLUEE NI SYSTEME DE RELEVES DE COMPTEURS AUTOMATIQUES**
[72] SPICER, LUCAS BRYANT, US
[72] BESORE, JOHN K., US
[72] WORTHINGTON, TIMOTHY DALE, US
[72] FINCH, MICHAEL FRANCIS, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
[86] (2747018)
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[54] **FORMULATIONS DE VACCIN ET LEURS UTILISATIONS**
[72] OBERREITHER, MANFRED, AT
[72] TAUER, CHRISTA, AT
[72] FALKNER, FALKOGUENTER, AT
[73] NANOTHERAPEUTICS, INC., US
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[54] **EXTENDED RECOMBINANT POLYPEPTIDES AND COMPOSITIONS COMPRISING SAME**
[54] **POLYPEPTIDES RECOMBINANTS ETENDUS ET COMPOSITIONS LES COMPRENANT**
[72] SCHELLENBERGER, VOLKER, US
[72] SILVERMAN, JOSHUA, US
[72] WANG, CHIA-WEI, US
[72] SPINK, BENJAMIN, US
[72] STEMMER, WILLEM P., US
[72] GEETHING, NATHAN, US
[72] TO, WAYNE, US
[72] CLELAND, JEFFREY L., US
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[54] **METHOD OF PREDICTING ACUTE APPENDICITIS**
[54] **PROCEDE DE PREDICTION D'UNE APPENDICITE AIGUE**
[72] KENTSIS, ALEX, US
[72] STEEN, HANNO, US
[72] BACHUR, RICHARD, US
[73] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **HOUSEHOLD ENERGY MANAGEMENT SYSTEM AND METHOD FOR ONE OR MORE APPLIANCES AND POWER GENERATOR**
[54] **SYSTEME DE GESTION D'ENERGIE DOMESTIQUE POUR ELECTROMENAGERS, PROCEDE CONNEXE POUR PLUS D'UN ELECTROMENAGER ET GENERATEUR D'ELECTRICITE ASSOCIE**
[72] BRONIAK, JAY ANDREW, US
[72] BEYERLE, MICHAEL THOMAS, US
[72] BRIAN, JOSEPH MARK, US
[72] BINGHAM, DAVID C., US
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[54] **METHOD OF MAKING A CONTAINER EMPLOYING INNER LINER AND VENTS FOR THERMAL INSULATION**
[54] **METHODE DE FABRICATION D'UN CONTENEUR MUNI D'UN REVETEMENT INTERIEUR ET D'EVENTS POUR L'ISOLATION THERMIQUE**
[72] POUNDER, JOSEPH R., US
[72] BREINING, MICHAEL A., US
[73] GPCP IP HOLDINGS LLC, US
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[54] **METHOD AND CHEMICAL COMPOSITION TO IMPROVE EFFICIENCY OF MECHANICAL PULP**
[54] **PROCEDE ET COMPOSITION CHIMIQUE POUR AMELIORER LE RENDEMENT DE PATE MECANIQUE**
[72] DUGGIRALA, PRASAD, US
[72] SHEVCHENKO, SERGEY M., US
[73] NALCO COMPANY, US
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[73] UNIVERSITY OF NOTRE DAME DU LAC, US
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[54] **SYSTEM AND METHOD FOR CALIBRATING AN AGRICULTURAL PRODUCT METERING SYSTEM**
[54] **METHODE ET SYSTEME D'ETALONNAGE DU SYSTEME DE DOSAGE D'UN PRODUIT AGRICOLE**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **ANTICORPS SE LIANT AUX ACIDES AMINES 13-27 DE PIVKA-II**
[72] YOSHIMURA, TORU, JP
[72] DOWELL, BARRY L., US
[72] BELIGERE, GANGAMANI S., US
[72] RUAN, QIAOQIAO, US
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[54] **GRAISSEUR AUTONOME POURVU D'UNE SIGNALISATION OPTIQUE**
[72] GUILLAUME, SEBASTIEN, FR
[72] LENON, HERVE, FR
[72] MERMOUD, GERARD, FR
[72] ODDOUX, CHRISTOPHE, FR
[73] NTN-SNR ROULEMENTS, FR
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[54] **CONTENEURS POLYGONAUX RENFORCES FORMES A LA MAIN ET DECOUPES SERVANT A LES FABRIQUER**
[72] SMITH, KENNETH CHARLES, US
[72] BUSCEMA, CRAIG W., US
[73] ROCK-TENN SHARED SERVICES, LLC, US
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[54] **SYSTEMES ET PROCEDES D'UTILISATION DE BATTERIES**
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[73] LITHIUM WERKS TECHNOLOGY BV, NL
[85] 2011-10-07
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[54] **SYSTEME DE REACTEUR INTEGRE ET METHODE POUR LES PILES A COMBUSTIBLE**
[72] FERNANDES, NEIL EDWARD, US
[72] BROWN, MICHAEL S., US
[72] CHEEKATAMARLA, PRAVEEN, US
[72] DENG, THOMAS, US
[72] DIMITRAKOPOULOS, JAMES, US
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[54] **GENERATION D'IONS UTILISANT UN MATERIAU POREUX MOUILLE**
[72] OUYANG, ZHENG, US
[72] WANG, HE, US
[72] MANICKE, NICHOLAS E., US
[72] COOKS, ROBERT GRAHAM, US
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[54] **NOVEL SOLID MATERIALS OF {[(2S,5R,8S,11S)-5-BENZYL-11-(3-GUANIDINO-PROPYL)-8-ISOPROPYL-7-METHYL-3,6,9,12,15-PENTAOXO-1,4,7,10,13-PENTAAZA-CYCLOPENTADEC-2-YL]-ACETIC ACID} AND METHODS FOR OBTAINING THEM**
[54] **NOUVELLES SUBSTANCES SOLIDES A BASE D'ACIDE [2S,5R,8S,11S)-5-BENZYL-11-(3-GUANIDINO-PROPYL)-8-ISOPROPYL-7-METHYL-3,6,9,12,15-PENTAOXO-1,4,7,10,13-PENTAAZA-CYCLOPENTADEC-2-YL] ACETIQUE ET PROCEDES DE PRODUCTION ASSOCIES**
[72] JONCZYK, ALFRED, DE
[72] KUEHN, CLEMENS, DE
[72] SEEMANN, KERSTIN, DE
[72] SAAL, CHRISTOPH, DE
[72] SCHOLZ, GERALD, DE
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[72] LANGE, MICHAEL, DE
[73] MERCK PATENT GMBH, DE
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[54] **DISPOSITIF DE PHOTOTHERAPIE**
[72] PROECKL, DIRK, AT
[72] WINKLER, ENGELBERT, AT
[73] PROECKL, DIRK, AT
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[54] **DISPOSITIF D'ALIGNEMENT POUR RADIOGRAPHIE INTERPROXIMALE**
[72] ARCHIBALD, VALERIE, CA
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[54] **IMPROVED CATIONIC LIPID OF FORMULA I**
[54] **LIPIDE CATIONIQUE AMELIORE DE FORMULE I**
[72] CHEN, JIANXIN, US
[72] ANSELL, STEVEN, US
[72] AKINC, AKIN, US
[72] DORKIN, JOSEPH R., US
[72] QIN, XIAOJUN, US
[72] CANTLEY, WILLIAM, GB
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
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[54] **CO-ADMINISTRATION OF AN AGENT LINKED TO AN INTERNALIZATION PEPTIDE WITH AN ANTI-INFLAMMATORY**
[54] **CO-ADMINISTRATION D'UN AGENT LIE A UN PEPTIDE D'INTERNALISATION AVEC UN ANTI-INFLAMMATOIRE**
[72] TYMIANSKI, MICHAEL, CA
[72] GARMAN, JONATHAN DAVID, CA
[72] CUI, HONG, CA
[73] NONO INC., CA
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[73] MONASH UNIVERSITY, AU
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[25] EN
[54] **METHOD FOR ISOLATION AND QUANTIFICATION OF NAPHTHENATE FORMING ACIDS ("ARN ACIDS") IN CRUDE OIL**
[54] **PROCEDE POUR L'ISOLATION ET LA QUANTIFICATION D'ACIDES DE FORMATION DE NAPHTENATE (<<ACIDES ARN>>) DANS DU PETROLE BRUT**
[72] MEDIAAS, HEIDI, NO
[72] GRANDE, KNUT, NO
[72] KUMMERNES, HEGE, NO
[72] VINDSTAD, JENS EMIL, NO
[73] STATOIL PETROLEUM AS, NO
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[86] 2010-06-22 (PCT/NO2010/000238)
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[54] **A METHOD FOR HIGH CAPACITY STONE DELIVERY WITH CONCENTRIC FLOW AND ENHANCED NOSECONE FOR SOIL IMPROVEMENT**
[54] **METHODE DE DEPOSE DE GRAVIER A DEBIT ELEVE ET FLUX CONCENTRIQUES AU MOYEN D'UNE TETE CONIQUE PERFECTIONNEE POUR LE TRAITEMENT DU SOL**
[72] CALLAN, SEAN G., US
[72] BAEZ, JUAN I., US
[73] CALLAN, SEAN G., US
[73] BAEZ, JUAN I., US
[86] (2766447)
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[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER READABLE MEDIA FOR DIGITAL RADIO BROADCAST RECEIVER MEMORY AND POWER REDUCTION**
[54] **SYSTEMES, PROCEDES ET SUPPORT LISIBLE PAR ORDINATEUR POUR MEMOIRE DE RECEPTEUR DE RADIODIFFUSION NUMERIQUE ET REDUCTION DE PUISSANCE**
[72] MILBAR, MAREK, US
[73] IBIQUITY DIGITAL CORPORATION, US
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[25] EN
[54] **A CONTROL SYSTEM FOR MONITORING THE FLOW OF AIR IN A HIGH CAPACITY COLUMN DELIVERY DEVICE**
[54] **SYSTEME DE COMMANDE SERVANT A SURVEILLER LE DEBIT D'AIR D'UN DISPOSITIF DE DISTRIBUTION DE COLONNE A GRANDE CAPACITE**
[72] CALLAN, SEAN G., US
[72] BAEZ, JUAN I., US
[73] CALLAN, SEAN G., US
[73] BAEZ, JUAN I., US
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[54] **VETEMENT AMELIORANT LA POSTURE**
[72] BROWN, TIMOTHY W., US
[73] INTELLISKIN USA, LLC, US
[85] 2012-01-05
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[51] **Int.Cl. C12N 15/10 (2006.01) A61F 2/00 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **RNA WITH A COMBINATION OF UNMODIFIED AND MODIFIED NUCLEOTIDES FOR PROTEIN EXPRESSION**
[54] **ARN AYANT UNE COMBINAISON DE NUCLEOTIDES NON MODIFIES ET MODIFIES POUR L'EXPRESSION PROTEIQUE**
[72] RUDOLPH, CARSTEN, DE
[72] KORMANN, MICHAEL, DE
[73] ETHRIS GMBH, DE
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[30] DE (10 2009 035 507.3) 2009-07-31
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[13] C
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[25] EN
[54] **AN INTELLIGENT PERIPHERAL DEVICE AND SYSTEM FOR THE AUTHENTICATION AND VERIFICATION OF INDIVIDUALS AND/ OR DOCUMENTS THROUGH A SECURE MULTIFUNCTIONAL AUTHENTICATION SERVICE WITH DATA STORAGE CAPABILITY**
[54] **DISPOSITIF PERIPHERIQUE INTELLIGENT ET SYSTEME POUR L'AUTHENTIFICATION ET LA VERIFICATION D'INDIVIDUS ET/OU DE DOCUMENTS AU MOYEN D'UN SERVICE D'AUTHENTIFICATION MULTIFONCTIONNEL SECURISE DOTE D'UNE CAPACITE DE STOCKAGE DE DONNEES**
[72] SZOKE, THOMAS, US
[72] FOZZATI, DANIEL, US
[72] VAGO, ANDRAS, HU
[73] INNOVATION IN MOTION, INC., US
[85] 2012-02-07
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[25] EN
[54] **SUBSTITUTED BENZOAZEPINES AS TOLL-LIKE RECEPTOR MODULATORS**
[54] **BENZOAZEPINES SUBSTITUEES COMME MODULATEURS DES RECEPTEURS DE TYPE TOLL**
[72] HOWBERT, JAMES JEFFRY, US
[72] DIETSCH, GREGORY, US
[72] HERSHBERG, ROBERT, US
[72] BURGESS, LAURENCE E., US
[72] LYSSIKATOS, JOSEPH P., US
[72] NEWHOUSE, BRAD, US
[72] YANG, HONG WOON, US
[73] VENTIRX PHARMACEUTICALS, INC., US
[73] ARRAY BIOPHARMA, INC., US
[85] 2012-02-17
[86] 2010-08-18 (PCT/US2010/045934)
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[25] EN
[54] **IRON-CHROMIUM BASED BRAZING FILLER METAL**
[54] **METAL D'APPORT DE BRASAGE A BASE DE FER-CHROME**
[72] PERSSON, ULRIKA, SE
[73] HOGANAS AB (PUBL), SE
[85] 2012-03-06
[86] 2010-09-17 (PCT/EP2010/063689)
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[30] DK (PA 2009 70116) 2009-09-18
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[51] **Int.Cl. G08B 23/00 (2006.01) G06Q 10/04 (2012.01) G08B 31/00 (2006.01)**
[25] EN
[54] **PUBLIC SAFETY ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DE LA SECURITE DU PUBLIC**
[72] PIETT, WILLIAM TODD, US
[72] MORAN, WESTON, US
[73] RAVE WIRELESS, INC., US
[86] (2773749)
[87] (2773749)
[22] 2012-04-05
[30] US (61/473,363) 2011-04-08
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[54] **RESONANCE ENHANCED ROTARY DRILLING**
[54] **FORAGE ROTATIF RENFORCE PAR RESONANCE**
[72] WIERCIGROCH, MARIAN, GB
[73] ITI SCOTLAND LIMITED, GB
[85] 2012-03-14
[86] 2010-09-08 (PCT/EP2010/063195)
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[51] **Int.Cl. B60G 9/00 (2006.01) B60B 35/02 (2006.01)**
[25] FR
[54] **SUSPENSION SYSTEM FOR VEHICLES**
[54] **SYSTEME DE SUSPENSION POUR VEHICULES**
[72] GRANDBOIS, JEAN, CA
[73] LES MODIFICATIONS DE CAMIONS TARDIF & FILS INC., CA
[86] (2776287)
[87] (2776287)
[22] 2012-05-04

[11] **2,778,037**
[13] C
[51] **Int.Cl. C08F 2/01 (2006.01) C08F 10/00 (2006.01) G01K 3/04 (2006.01)**
[25] EN
[54] **DETECTION OF TEMPERATURE ANOMALIES IN A HIGH PRESSURE POLYMERIZATION PROCESS TO PREVENT DECOMPOSITION**
[54] **DETECTION D'ANOMALIES DE TEMPERATURE DANS UN PROCEDE DE POLYMERISATION HAUTE PRESSION POUR EMPECHER LA DECOMPOSITION**
[72] HULET, CRAIG, CA
[72] RACLE, JOEL, CA
[72] WOODS, IAN, CA
[72] SHAW, BENJAMIN MILTON, CA
[72] LACOMBE, YVES, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2778037)
[87] (2778037)
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[51] **Int.Cl. B01J 8/22 (2006.01) C10G 35/06 (2006.01) C10G 65/02 (2006.01)**
[25] EN
[54] **FLUIDIZED-BED REACTOR AND HYDROGENATION METHOD THEREOF**
[54] **REACTEUR A LIT FLUIDISE ET PROCEDE D'HYDROTRAITEMENT L'UTILISANT**
[72] JIA, LI, CN
[72] JIA, YONGZHONG, CN
[72] GE, HAILONG, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS SINOPEC, CN
[85] 2012-04-18
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[54] **INCLUSION DETECTION IN POLISHED GEMSTONES**
[54] **DETECTION D'INCLUSIONS DANS DES GEMMES POLIES**
[72] SMITH, JAMES GORDON CHARTERS, GB
[72] POWELL, GRAHAM RALPH, GB
[73] DE BEERS UK LTD, GB
[85] 2012-05-02
[86] 2010-11-02 (PCT/EP2010/066641)
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[25] EN
[54] **COMPOSITION FOR TREATMENT OF MULTIPLE SCLEROSIS**
[54] **COMPOSITION POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] BELOGUROV, ALEKSEY ANATOLIEVICH, RU
[72] PONOMARENKO, NATALIA ALEXANDROVNA, RU
[72] GABIBOV, ALEXANDR GABIBOVICH, RU
[73] LIFEBIO LABORATORIES LLC, US
[85] 2012-05-14
[86] 2009-10-12 (PCT/RU2009/000533)
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[51] **Int.Cl. B65F 1/16 (2006.01) A61B 50/36 (2016.01) B65F 1/00 (2006.01)**
[25] EN
[54] **WASTE CONTAINER ASSEMBLY**
[54] **ENSEMBLE DE CONTENEUR A DECHETS**
[72] GOLDSTEIN, DANIEL E., US
[72] POLLACK, KEVIN A., US
[72] JAPUNTICH, JOHN C., US
[72] BIBA, SCOTT I., US
[72] DIRR, MARK S., US
[73] STERICYCLE, INC., US
[86] (2783821)
[87] (2783821)
[22] 2012-07-26
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[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING RIGHTS FOR DIGITAL MUSIC**
[54] **PROCEDE ET SYSTEME DE GESTION DE DROITS DE MUSIQUE NUMERIQUE**
[72] BEN-YAACOV, YAACOV, US
[72] BEN-YAACOV, BOAZ, US
[73] CATCH MEDIA, INC., US
[86] (2784880)
[87] (2784880)
[22] 2005-07-08
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[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/5025 (2006.01) A61P 35/00 (2006.01) C07D 491/14 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS FOR USE AS KINASE INHIBITORS**
[54] **COMPOSES TRICYCLIQUES POUR UNE UTILISATION COMME INHIBITEURS DE LA KINASE**
[72] PASTOR FERNANDEZ, JOAQUIN, ES
[72] BLANCO APARICIO, CARMEN, ES
[72] RODRIGUEZ HERGUETA, ANTONIO, ES
[72] MARTIN HERNANDO, JOSE IGNACIO, ES
[72] RAMOS LIMA, FRANCISCO JAVIER, ES
[72] HERNANDEZ HIGUERAS, ANA ISABEL, ES
[72] SALUSTE, CARL-GUSTAVE PIERRE, ES
[72] GONZALEZ CANTALAPIEDRA, ESTHER, ES
[72] MARTINEZ GONZALEZ, SONIA, ES
[72] SALGADO SERRANO, ANTONIO, ES
[72] NOYA MARINO, BEATRIZ, ES
[72] GARCIA COLLAZO, ANA MARIA, ES
[73] FUNDACION CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III, ES
[85] 2012-06-29
[86] 2010-12-31 (PCT/GB2010/002348)
[87] (WO2011/080510)
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[51] **Int.Cl. G01N 33/82 (2006.01) C07B 59/00 (2006.01) G01N 27/00 (2006.01) G01N 33/60 (2006.01)**
[25] EN
[54] **QUANTITATIVE ANALYSIS OF VITAMIN D3, VITAMIN D2, AND METABOLITES THEREOF**
[54] **ANALYSE QUANTITATIVE DE VITAMINE D3, DE VITAMINE D2, ET DE METABOLITES DE CELLES-CI**
[72] DEY, SUBHAKAR, US
[72] PILLAI, SASI, US
[72] WILLIAMSON, BRIAN L., US
[72] PURKAYASTHA, SUBHASISH, US
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2012-07-23
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[13] C
[51] **Int.Cl. A61K 31/454 (2006.01) A61P 25/14 (2006.01) A61P 43/00 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **5-HT4 RECEPTOR AGONISTS FOR THE TREATMENT OF DEMENTIA**
[54] **AGONISTES DU RECEPTEUR 5-HT4 POUR LE TRAITEMENT DE LA DEMENCE**
[72] OHSHIRO, HIROYUKI, JP
[72] FUJIUCHI, AKIYOSHI, JP
[72] TAKE, YUKINORI, JP
[73] ASKAT INC., JP
[85] 2012-08-10
[86] 2011-02-14 (PCT/JP2011/000793)
[87] (WO2011/099305)
[30] US (61/282,432) 2010-02-12

[11] **2,789,970**
[13] C
[51] **Int.Cl. G01N 21/64 (2006.01) G01N 21/33 (2006.01)**
[25] EN
[54] **FLUOROMETRIC SENSOR**
[54] **SONDE FLUOROMETRIQUE**
[72] TOKHTUEV, EUGENE, US
[72] CHRISTENSEN, WILLIAM M., US
[72] OWEN, CHRISTOPHER J., US
[72] SLOBODYAN, VIKTOR, US
[72] SKIRDA, ANATOLY, US
[73] ECOLAB USA INC., US
[85] 2012-08-15
[86] 2011-03-29 (PCT/IB2011/051344)
[87] (WO2011/121547)
[30] US (12/750,806) 2010-03-31

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[13] C
[51] **Int.Cl. F01L 5/14 (2006.01) F01B 7/16 (2006.01) F01B 19/02 (2006.01) F01B 25/02 (2006.01) F01B 29/08 (2006.01) F01B 31/00 (2006.01) F01L 5/04 (2006.01)**
[25] EN
[54] **AN AIR MOTOR**
[54] **MOTEUR PNEUMATIQUE**
[72] SANTA, DAVID LUIZ, AU
[73] JOE SANTA & ASSOCIATES PTY LIMITED, AU
[85] 2012-08-16
[86] 2011-03-01 (PCT/AU2011/000226)
[87] (WO2011/140579)
[30] AU (2010902095) 2010-05-14

[11] **2,790,412**
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[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **FOLATE RECEPTOR 1 ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREOF**
[54] **ANTICORPS DU RECEPTEUR 1 DU FOLATE ET IMMUNOCONJUGUES ET LEURS UTILISATIONS**
[72] AB, OLGA, US
[72] TAVARES, DANIEL, US
[72] RUI, LINGYUN, US
[72] PAYNE, GILLIAN, US
[72] GOLDMAKHER, VIKTOR S., US
[73] IMMUNOGEN, INC., US
[85] 2012-08-17
[86] 2011-02-24 (PCT/US2011/026079)
[87] (WO2011/106528)
[30] US (61/307,797) 2010-02-24
[30] US (61/346,595) 2010-05-20
[30] US (61/413,172) 2010-11-12

[11] **2,790,585**
[13] C
[51] **Int.Cl. B64C 7/02 (2006.01) B64C 21/02 (2006.01)**
[25] FR
[54] **DEVICE FOR REDUCING NOISE FROM JET-PYLON INTERACTIONS ON JET ENGINES**
[54] **DISPOSITIF DE REDUCTION DU BRUIT DES INTERACTIONS JET/PYLONE SUR TURBOREACTEURS**
[72] DRAVET, ALAIN, FR
[72] JULLIARD, JACQUES M. A., FR
[72] LOHEAC, PIERRE PHILIPPE MARIE, FR
[73] SNECMA, FR
[85] 2012-08-20
[86] 2011-02-25 (PCT/FR2011/050399)
[87] (WO2011/104488)
[30] FR (1051376) 2010-02-26

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[13] C
[51] **Int.Cl. B03C 3/30 (2006.01) B03C 3/49 (2006.01) B03C 3/62 (2006.01)**
[25] EN
[54] **ELECTROSTATIC SEPARATION OF A VALUABLE MATERIAL MIXTURE, E.G., OF A MINERAL SALT MIXTURE, WITH THE AID OF A TUBE SEPARATOR**
[54] **SEPARATION ELECTROSTATIQUE D'UN MELANGE DE MATIERES UTILES, COMME UN MELANGE DE SELS MINERAUX, A L'AIDE D'UN SEPARATEUR A TUBE**
[72] BINDER, KURT, DE
[72] BOCK, FRANK, DE
[72] KRUEGER, MICHAEL, DE
[72] STICH, FABIAN, DE
[73] K+S AKTIENGESELLSCHAFT, DE
[85] 2012-09-04
[86] 2011-03-01 (PCT/DE2011/000202)
[87] (WO2011/107074)
[30] DE (10 2010 009 846.9) 2010-03-02

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[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SENSING FLUID FLOW IN A PIPE WITH VARIABLE WALL THICKNESS**
[54] **APPAREIL ET PROCEDE DESTINES A DETECTER UN ECOULEMENT DE FLUIDE DANS UNE CONDUITE AYANT UNE EPAISSEUR DE PAROI VARIABLE**
[72] GYSLING, DANIEL L., US
[72] CURRY, PATRICK, US
[72] DANG, CHANGJIU, US
[73] EXPRO METERS, INC., US
[85] 2012-09-11
[86] 2011-03-11 (PCT/US2011/028117)
[87] (WO2011/112946)
[30] US (61/312,950) 2010-03-11
[30] US (61/320,130) 2010-04-01

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[25] EN
[54] **CABLE GUARD WITH TWO PIECE SLIDER**
[54] **PROTEGE-CABLE DOTE D'UNE COULISSE A DEUX ELEMENTS**
[72] LANGLEY, TIMOTHY W., US
[73] BEAR ARCHERY, INC., US
[86] (2793547)
[87] (2793547)
[22] 2012-10-25
[30] US (61/552,761) 2011-10-28

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[51] **Int.Cl. H04N 5/00 (2011.01)**
[25] EN
[54] **TRICK PLAYBACK OF VIDEO DATA**
[54] **CONTROLER LA LECTURE DE DONNEES VIDEO**
[72] LI, JUN, US
[72] XU, JUN, CN
[72] MA, XIAOJUN, CN
[72] CHEN, JIANFENG, CN
[73] THOMSON LICENSING, FR
[85] 2012-09-28
[86] 2010-03-31 (PCT/CN2010/000413)
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[51] **Int.Cl. C25D 5/02 (2006.01) B29C 45/00 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **REMOVABLE MASK FOR A TURBOMACHINE BLADE OR DISTRIBUTOR SECTOR PLATFORM**
[54] **MASQUE AMOVIBLE POUR UNE PLATE-FORME D'AUBE OU DE SECTEUR DE DISTRIBUTEUR DE TURBOMACHINE**
[72] ETUVE, PASCAL, FR
[72] LAGRANGE, FREDERIC, FR
[72] MARQUEREAU, PATRICK, FR
[72] SAINZ, PASCAL, FR
[73] SNECMA, FR
[85] 2012-10-04
[86] 2011-04-14 (PCT/FR2011/050863)
[87] (WO2011/135226)
[30] FR (1053324) 2010-04-29

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[13] C
[51] **Int.Cl. C08G 63/80 (2006.01) C08G 63/183 (2006.01)**
[25] EN
[54] **ULTRA-HIGH IV POLYESTER FOR EXTRUSION BLOW MOLDING AND METHOD FOR ITS PRODUCTION**
[54] **POLYESTER A VISCOSITE INTRINSEQUE EXTREMEMENT ELEVEE POUR MOULAGE PAR EXTRUSION SOUFFLAGE ET SON PROCEDE DE FABRICATION**
[72] CODD, HELEN J., US
[72] ROLLEND, GEORGE F., US
[72] LISSON, NORMAN W., US
[73] DAK AMERICAS LLC, US
[85] 2012-10-09
[86] 2011-04-13 (PCT/US2011/032300)
[87] (WO2011/130396)
[30] US (12/760,030) 2010-04-14

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[13] C
[51] **Int.Cl. B01D 17/02 (2006.01) C02F 1/36 (2006.01) C02F 1/40 (2006.01)**
[25] EN
[54] **ULTRASOUND AND ACOUSTOPHORESIS TECHNOLOGY FOR SEPARATION OF OIL AND WATER, WITH APPLICATION TO PRODUCE WATER**
[54] **TECHNOLOGIE ULTRASONORE ET D'ACOUSTOPHORESE POUR LA SEPARATION D'HUILE ET D'EAU, AYANT UNE APPLICATION POUR PRODUIRE DE L'EAU**
[72] DIONNE, JASON, US
[72] LIPKENS, BART, US
[72] RIETMAN, EDWARD A., US
[73] FLODESIGN SONICS, INC., US
[85] 2012-10-10
[86] 2011-04-12 (PCT/US2011/032181)
[87] (WO2011/130321)
[30] US (61/342,307) 2010-04-12

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[13] C
[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/18 (2006.01)**
[25] EN
[54] **PREFORMED SMOKELESS TOBACCO PRODUCT**
[54] **PRODUIT DE TABAC SANS FUMEE PREFORME**
[72] CARROLL, ANDREW NATHAN, US
[72] BLACK, SHANNON MAXWELL, US
[72] HOLLAND, TOMMY C., US
[72] MACKO, JASON ANDREW, US
[72] DINOVI, CHRISTOPHER JOSEPH, US
[73] ALTRIA CLIENT SERVICES INC., US
[85] 2012-10-12
[86] 2011-04-13 (PCT/US2011/032329)
[87] (WO2011/130414)
[30] US (61/324,190) 2010-04-14
[30] US (61/421,931) 2010-12-10

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[13] C
[51] **Int.Cl. H01M 4/90 (2006.01) H01M 8/1011 (2016.01) B01J 21/18 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **CARBON CATALYST FOR DIRECT FUEL CELL CATHODE, AND DIRECT FUEL CELL CATHODE AND DIRECT FUEL CELL USING SAME**
[54] **CATALYSEUR AU CARBONE POUR UNE CATHODE POUR PILE A COMBUSTIBLE DIRECTE, ET CATHODE POUR PILE A COMBUSTIBLE DIRECTE, ET PILE A COMBUSTIBLE DIRECTE L'UTILISANT**
[72] KISHIMOTO, TAKEAKI, JP
[72] KOBAYASHI, RIEKO, JP
[72] OZAKI, JUN-ICHI, JP
[73] NISSHINBO HOLDINGS INC., JP
[73] NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY, JP
[85] 2012-10-16
[86] 2011-04-19 (PCT/JP2011/059631)
[87] (WO2011/132676)
[30] JP (2010-097184) 2010-04-20

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[51] **Int.Cl. C07C 233/43 (2006.01) A61K 31/167 (2006.01) A61K 31/17 (2006.01) A61K 31/325 (2006.01) A61K 31/381 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07C 233/44 (2006.01) C07C 233/80 (2006.01) C07C 271/22 (2006.01) C07C 271/28 (2006.01) C07C 275/24 (2006.01) C07D 333/60 (2006.01)**
[25] EN
[54] **TRANYLCYPROMINE DERIVATIVES AS INHIBITORS OF HISTONE DEMETHYLASE LSD1 AND/OR LSD2**
[54] **DERIVES DE TRANYLCYPROMINE COMME INHIBITEURS DE L'HISTONE DEMETHYLASE LSD1 ET/OU LSD2**
[72] MINUCCI, SAVERIO, IT
[72] MAI, ANTONELLO, IT
[72] MATTEVI, ANDREA, IT
[73] UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA", IT
[73] UNIVERSITA' DEGLI STUDI DI PAVIA, IT
[73] UNIVERSITA' DEGLI STUDI MILANO, IT
[73] FONDAZIONE ISTITUTO EUROPEO DI ONCOLOGIA E CENTRO CARDIOLOGICO FONDAZIONE MONZINO, IT
[85] 2012-10-19
[86] 2011-04-15 (PCT/EP2011/055990)
[87] (WO2011/131576)
[30] US (61/325,952) 2010-04-20

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[13] C
[51] **Int.Cl. C08K 5/00 (2006.01) B29C 55/12 (2006.01) C08J 5/18 (2006.01) C08L 23/12 (2006.01) H01G 9/02 (2006.01) H01M 2/16 (2006.01) C08K 3/22 (2006.01) C08K 5/098 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **HIGHLY POROUS SEPARATOR FOIL**
[54] **FEUILLE SEPARATRICE HAUTEMENT POREUSE**
[72] BUSCH, DETLEF, DE
[72] SCHMITZ, BERTRAM, FR
[72] KLEIN, DOMINIC, DE
[73] TREOFAN GERMANY GMBH & CO. KG, DE
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[54] **METHODES ET COMPOSITIONS PERMETTANT DE REDUIRE OU DE PREVENIR LA CALCIFICATION VASCULAIRE DURANT UNE THERAPIE DE TYPE DIALYSE PERITONEALE**
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[72] WHITE, JEFFREY A., US
[72] DALTON, CHRISTOPHER R., US
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[54] **PLAYBACK DEVICE, PLAYBACK METHOD, PROGRAM, AND RECORDING MEDIUM**
[54] **DISPOSITIF DE LECTURE, PROCEDE DE LECTURE, PROGRAMME ET SUPPORT D'ENREGISTREMENT**
[72] UCHIMURA, KOUICHI, JP
[73] SONY CORPORATION, JP
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[54] **TRAITEMENT PARALLELE DE DONNEES**
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[72] RANIWALA, ASHISH, US
[72] PERRY, FRANCES J., US
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[54] **JOINT SOUPLE RENFORCE**
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[72] DAMDAR, SHERWIN, US
[73] GARLOCK SEALING TECHNOLOGIES, LLC, US
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[54] **AGENCEMENT DE MEULAGE POUR JOINTS D'OUTIL SUR UN TRAIN DE TIGES**
[72] EDVARDSEN, PER ESPEN, NO
[72] ASKELAND, TOM KJETIL, NO
[73] SIEM WIS AS, NO
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[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL FORMANT STATION DE BASE, APPAREIL FORMANT STATION MOBILE, PROCEDE DE COMMUNICATION SANS FIL ET CIRCUIT INTEGRE**
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[54] **MACHINE FOR INSERTING HONEYCOMB SEPARATORS IN BOXES**
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[54] **UNE FORMULATION DE METHADONE DESTINEE A UNE ADMINISTRATION SUBLINGUALE**
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[72] HIGH, JULIET VICTORIA, GB
[72] JAMIESON, PAUL ANDREW, GB
[72] ROSS, CALVIN JOHN (DECEASED), GB
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[54] **METHODS OF IDENTIFYING HIGH NEUTRON CAPTURE CROSS SECTION DOPED PROPPANT IN INDUCED SUBTERRANEAN FORMATION FRACTURES**
[54] **PROCEDES D'IDENTIFICATION D'AGENTS DE SOUTENEMENT DOPES A SECTION EFFICACE DE CAPTURE NEUTRONIQUE ELEVEE DANS DES FRACTURES DE FORMATIONS SOUTERRAINES INDUITES**
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[72] SMITH HARRY D., JR., US
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[73] CARBO CERAMICS INC., US
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[54] **AUTOMATIC-LOCKING SAFETY NEEDLE COVERS AND METHODS OF USE AND MANUFACTURE**
[54] **CAPUCHONS D'AIGUILLE DE SECURITE A VERROUILLAGE AUTOMATIQUE ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] RUBINSTEIN, SERGIO, US
[72] ROSENBERG, SAMUEL, US
[72] OUYANG, TIANHONG, US
[72] FOSHEE, DAVID, US
[72] MOSLER, THEODORE, US
[72] GODFREY, MARK W., US
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[54] **INSTRUMENT COUPANT MEDICAL**
[72] SHIOIRI, MUTSUNORI, JP
[73] MANI, INC., JP
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[54] **GENERATION D'IMAGES A PLAGE DYNAMIQUE ETENDUE A PARTIR D'IMAGES A PLAGE DYNAMIQUE FAIBLE AVEC UN CODAGE VIDEO MULTIVUES**
[72] BRULS, WILHELMUS HENDRIKUS ALFONSUS, NL
[72] MUIJS, REMCO THEODORUS JOHANNES, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **CAMERA DEVICE FOR EVALUATING CONDITION OF SKIN OR HAIR**
[54] **DISPOSITIF DE TYPE APPAREIL DE PRISE DE VUES UTILISABLE EN VUE DE L'EVALUATION DE L'ETAT DE LA PEAU OU DES CHEVEUX**
[72] KRISHNAN, SRINIVASAN, US
[72] NICHOL, JAMIE GORDON, US
[72] CICHOWLAS, BRUCE, US
[73] UNILEVER PLC, GB
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[54] **SYSTEM FOR SECURING FLEXIBLE MULTI-PANEL STERILIZATION ASSEMBLY**
[54] **SYSTEME PERMETTANT DE FIXER UN ENSEMBLE DE STERILISATION A MULTIPLES PANNEAUX FLEXIBLES**
[72] SMITH, TARA DENISE, US
[72] GAYNOR, MELISSA R., US
[73] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
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[54] **METHOD AND APPARATUS FOR DETECTING AND REGULATING VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) BY FORMING A HOMEOSTATIC LOOP EMPLOYING A HALF-ANTIBODY BIOSENSOR**
[54] **PROCEDE ET APPAREIL DE DETECTION ET DE REGULATION DU FACTEUR DE CROISSANCE VASCULAIRE ENDOTHELIALE (VEGF) PAR FORMATION DE BOUCLE HOMEOSTATIQUE UTILISANT UN BIOCAPTEUR A DEMI-ANTICORPS**
[72] SHACHAR, YEHOSHUA, US
[72] CHEN, THOMAS, US
[72] WU, WINSTON, US
[72] JORDAN, BRETT, US
[72] CHAN, HERWIN, US
[72] LUBOFF, PALADIN, US
[72] ZIMMERMAN, KYLE, US
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[54] **ZEIN NANOPARTICLES FOR ENCAPSULATION OF COMPOUNDS, THE PRODUCTION AND USES THEREOF**
[54] **NANOPARTICULES DE ZEINE DESTINEES A L'ENCAPSULATION DE COMPOSES, LA PRODUCTION ET LES UTILISATIONS ASSOCIEES**
[72] AGUEROS BAZO, MAITE, ES
[72] ESPARZA CATALAN, IRENE, ES
[72] GONZALEZ FERRERO, CAROLINA, ES
[72] GONZALEZ NAVARRO, CARLOS JAVIER, ES
[72] IRACHE GARRETA, JUAN MANUEL, ES
[72] ROMO HUALDE, ANA, ES
[73] CENTRO NACIONAL DE TECNOLOGIA Y SEGURIDAD ALIMENTARIA, LABORATORIO DEL EBRO, ES
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[54] **COMPOSITION ET METHODE POUR L'ADMINISTRATION ORALE DE VENIN DE COBRA**
[72] REID, PAUL, US
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[54] **OUTIL DE COUPE MEDICAL**
[72] SHIOIRI, MUTSUNORI, JP
[73] MANI, INC., JP
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[72] PARKER, TIMOTHY, US
[72] GADWOOD, ROBERT C., US
[72] ZELLER, JAMES R., US
[72] ARTMAN, GERALD D., III, US
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[54] **ANODE POUR CELLULE DE BATTERIE LITHIUM-ION, SON PROCEDE DE FABRICATION ET CETTE BATTERIE L'INCORPORANT**
[72] VOILLEQUIN, BAPTISTE, FR
[72] AYME-PERROT, DAVID, CA
[72] DUFOUR, BRUNO, CA
[72] SONNTAG , PHILIPPE, CA
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[54] **PROCESS FOR IMPROVING THE HYDROLYSIS OF CELLULOSE IN HIGH CONSISTENCY SYSTEMS**
[54] **PROCEDE D'AMELIORATION DE L'HYDROLYSE DE LA CELLULOSE DANS DES SYSTEMES A GRANDE REGULARITE**
[72] HARLICK, PETER J.E., CA
[72] ZHENG, WEI, CA
[73] IOGEN ENERGY CORPORATION, CA
[85] 2013-02-18
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[54] **POLYMER RESINS HAVING IMPROVED BARRIER PROPERTIES AND METHODS OF MAKING SAME**
[54] **RESINES POLYMERES PRESENTANT DES PROPRIETES DE BARRIERE AMELIOREES ET PROCEDES POUR LEUR FABRICATION**
[72] ST JEAN, GUYLAINE, US
[72] YANG, QING, US
[72] TSO, CHUNG CHING, US
[72] MCDANIEL, MAX P., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **POWER CONTROL ARRANGEMENTS FOR SURGICAL INSTRUMENTS AND BATTERIES**
[54] **DISPOSITIFS DE REGULATION DU COURANT POUR INSTRUMENTS CHIRURGICAUX ET BATTERIES**
[72] SCHWEMBERGER, RICHARD F., US
[72] SWENSGARD, BRETT E., US
[72] KERR, WENDY A., US
[72] LEIMBACH, RICHARD L., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **CONTROL SYSTEMS AND METHODS FOR HEAVY EQUIPMENT**
[54] **SYSTEMES ET PROCEDES DE COMMANDE POUR ENGIN LOURD**
[72] HOBENSHIELD, LANE, US
[73] CATERPILLAR GLOBAL MINING LLC, US
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[72] HERRMANN, ANDREAS, CH
[72] ZETTLITZ, KIRSTIN, US
[73] BALIOPHARM AG, CH
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[54] **FIXATION DE SKI DE RANDONNEE OU DE SKI DE FOND**
[72] WOLLO, EVEN, NO
[72] HOLM, THOMAS, NO
[72] SVENDSEN, OYVAR, NO
[72] PETTERSEN, AKSEL, NO
[73] ROTTEFELLA AS, NO
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[54] **ENSEMBLE CATHETER**
[72] STOUT, MARTY L., US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **GRAPPE D'EQUILIBRAGE DE CHARGE**
[72] YEVMENKIN, MAKSIM, US
[72] FULLAGAR, DAVID, US
[72] NEWTON, CHRISTOPHER, US
[72] KOLLER, JEFFREY, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **DISCONNECTABLE TURRET MOORING SYSTEM**
[54] **SYSTEME D'AMARRAGE PAR TOURELLE SEPARABLE**
[72] BAUDUIN, CHRISTIAN RAYMOND, FR
[72] TOGGIANI, JEAN-YVES SILVAIN, FR
[73] SINGLE BUOY MOORINGS INC., CH
[85] 2013-03-15
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[25] EN
[54] **AERATED CHOCOLATE COMPOSITION AND PREPARATION THEREOF**
[54] **COMPOSITION DE CHOCOLAT AERE ET PREPARATION CORRESPONDANTE**
[72] WILLIAMS, ANDREA, GB
[72] XU, QINGGUO, US
[72] ZHU, SHIPING, GB
[73] UNILEVER PLC, GB
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[54] **DUAL SHIFT COUPLING**
[54] **EMBRAYAGE DOUBLE**
[72] RANK, ROBERT, DE
[72] GLOMM, MATTHIAS, DE
[72] HAMPEL, CHRISTIAN, DE
[72] HAESEKER, THOMAS, DE
[73] STROMAG GMBH, DE
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[54] **EDIBLE FAT CONTINUOUS SPREADS**
[54] **PATES A TARTINER CONTINUES DE MATIERE GRASSE ALIMENTAIRE**
[72] BONS, JOHANNES ROBERT, NL
[72] FLOTER, ECKHARD, NL
[72] HUIZINGA, HINDRIK, NL
[72] SMIT-KINGMA, IRENE ERICA, NL
[73] UNILEVER BCS LIMITED, GB
[85] 2013-03-20
[86] 2011-09-01 (PCT/EP2011/065078)
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[54] **MATTRESS STRUCTURE, MATTRESS SYSTEM AND METHOD FOR USING A MATTRESS**
[54] **STRUCTURE DE MATELAS, SYSTEME DE MATELAS ET METHODE D'UTILISATION ASSOCIEE**
[72] KULJU, PETRI, FI
[72] SUKARI, HENRY, FI
[73] MASKUN KALUSTETALO OY, FI
[85] 2013-02-25
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[25] EN
[54] **PREPARATION OF A MOLYBDENUM IMIDE ADDITIVE COMPOSITION AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **PREPARATION D'UNE COMPOSITION D'ADDITIF COMPRENANT DU MOLYBDENE ET UN IMIDE ET COMPOSITIONS D'HUILE DE GRAISSAGES LA CONTENANT**
[72] BHALLA, GAURAV, US
[72] TSANG, MAN HON, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2013-03-13
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[54] **METHOD FOR THE USE OF NITRATES AND NITRATE REDUCING BACTERIA IN HYDRAULIC FRACTURING**
[54] **PROCEDE POUR L'UTILISATION DE NITRATES ET DE BACTERIES REDUCTRICES DE NITRATES EN FRACTURATION HYDRAULIQUE**
[72] DURHAM, DANIEL K., US
[72] HARLESS, MICHAEL L., US
[73] MULTI-CHEM GROUP, LLC, US
[85] 2013-03-15
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[54] **APPARATUS AND METHODS FOR LIMITING MOVEMENT OF GRIPPING MEMBERS**
[54] **APPAREIL ET PROCEDES PERMETTANT DE LIMITER LE MOUVEMENT D'ELEMENTS DE PREHENSION**
[72] MOSING, DONALD E., US
[72] ANGELLE, JEREMY R., US
[72] STELLY, JOHN E., US
[73] FRANK'S INTERNATIONAL, LLC, US
[85] 2013-03-22
[86] 2011-09-22 (PCT/US2011/052768)
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[54] **TOOL BAR MOUNTING ASSEMBLY FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF D'INSTALLATION D'UNE BARRE D'OUTILS POUR UN INSTRUMENT ARATOIRE**
[72] BLUNIER, TIMOTHY R., US
[72] MCMAHON, BRIAN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2812547)
[87] (2812547)
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[54] **HIGH-FLUIDITY NON-CAKING DIANHYDROHEXITOL PELLETS**
[54] **PASTILLES DE DIANHYDROHEXITOLS DE GRANDE FLUIDITE ET NON MOTTANTES**
[72] IBERT, MATHIAS, FR
[72] SAINT POL, JEROME, FR
[72] WYART, HERVE, FR
[73] ROQUETTE FRERES, FR
[85] 2013-03-27
[86] 2011-09-30 (PCT/FR2011/052289)
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[54] **MOBILE HANDSET IDENTIFICATION AND COMMUNICATION AUTHENTICATION**
[54] **IDENTIFICATION D'UN COMBINE SANS FIL ET AUTHENTIFICATION D'UNE COMMUNICATION**
[72] BRAND, CHRISTIAAN JOHANNES PETRUS, ZA
[72] VAN TONDER, ALBERTUS STEFANUS, ZA
[72] MULLER, DANIEL JACOBUS, ZA
[73] ENTERSEKT INTERNATIONAL LIMITED, MU
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[54] **ENERGY MANAGEMENT SYSTEM FOR HEAVY EQUIPMENT**
[54] **SYSTEME DE GESTION D'ENERGIE POUR EQUIPEMENT LOURD**
[72] ONSAGER, MICHAEL G., US
[72] HELFRICH, JOSEPH, US
[72] PERUGINI, DAVE L., US
[72] CHMIEL, WAYNE G., US
[72] MILLER, PETER J., US
[73] CATERPILLAR GLOBAL MINING LLC, US
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[25] EN
[54] **CONTROL OF TRIFLURALIN-RESISTANT WEEDS WITH DITHIOPYR**
[54] **LUTTE CONTRE MAUVAISES HERBES RESISTANTES A TRIFLURALINE A L'AIDE DE DITHIOPYR**
[72] WELLS, GREGORY S., AU
[73] DOW AGROSCIENCES LLC, US
[85] 2013-04-03
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[87] (WO2012/047944)
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[54] **METHODS AND SYSTEMS FOR REDUCING INTERFERENCE IN STIMULATION TREATMENT**
[54] **PROCEDES ET SYSTEMES DE REDUCTION DES INTERFERENCES DANS UN TRAITEMENT PAR STIMULATION**
[72] FONTAINE, NICOLAS, CH
[72] GUEX, STEVE, CH
[72] BAUMGARTNER, FLAVIEN, CH
[73] EMPI, INC, US
[85] 2013-04-11
[86] 2011-09-03 (PCT/IB2011/002034)
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[54] **HIGH STRENGTH DENTAL MATERIAL**
[54] **SUBSTANCE DENTAIRE A HAUTE RESISTANCE MECANIQUE**
[72] SUN, BENJAMIN, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2013-04-15
[86] 2011-11-21 (PCT/US2011/061659)
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[25] EN
[54] **NON POWERED CONCEPTS FOR A WIRE FRAME OF FLUID FILLED LENSES**
[54] **CONCEPTS NON MOTORISES POUR UN CHASSIS FILAIRE DE LENTILLES REMPLIES DE FLUIDE**
[72] NIBAUER, LISA, US
[72] PETERSON, MATTHEW WALLACE, US
[72] SENATORE, DANIEL, US
[72] SCHNELL, URBAN, CH
[72] HAROUD, KARIM, CH
[73] ADLENS BEACON, INC., US
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[54] **QUINOXALINE DERIVATIVES**
[54] **DERIVES DE QUINOXALINE**
[72] KLEIN, MARKUS, DE
[72] EMDE, ULRICH, DE
[72] BUCHSTALLER, HANS-PETER, DE
[72] ESDAR, CHRISTINA, DE
[72] POESCHKE, OLIVER, DE
[73] MERCK PATENT GMBH, DE
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[30] DE (10 2010 048 800.3) 2010-10-20

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[51] **Int.Cl. F25J 3/08 (2006.01)**
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[54] **HEAT EXCHANGER AND RELATED METHODS**
[54] **ECHANGEUR DE CHALEUR ET PROCEDES ASSOCIES**
[72] TURNER, TERRY D., US
[72] MCKELLAR, MICHAEL G., US
[73] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2013-04-17
[86] 2011-11-03 (PCT/US2011/059038)
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[25] EN
[54] **SUBLIMATION SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEMES DE SUBLIMATION ET PROCEDES ASSOCIES**
[72] TURNER, TERRY D., US
[72] MCKELLAR, MICHAEL G., US
[72] WILDING, BRUCE M., US
[73] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2013-04-18
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[87] (WO2012/061544)
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[25] EN
[54] **PROCESS FOR THE TREATMENT OF CONTAMINATED WATER BY MEANS OF ADSORPTION AND NANOFILTRATION**
[54] **PROCEDE POUR LE TRAITEMENT D'UNE EAU CONTAMINEE AU MOYEN D'UNE ADSORPTION ET D'UNE NANOFILTRATION**
[72] BAGATIN, ROBERTO, IT
[72] VIGNOLA, RODOLFO, IT
[72] SISTO, RAFFAELLO, IT
[72] PETRANGELI PAPINI, MARCO, IT
[72] TUFFI, RICCCARDO, IT
[72] DE FOLLY D'AURIS, ALESSANDRA, IT
[73] ENI S.P.A., IT
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[25] EN
[54] **INSTANTANEOUS PANNING USING A GROOVE METAPHOR**
[54] **PRISE PANORAMIQUE INSTANTANEE A L'AIDE D'UNE METAPHORE DU SILLON**
[72] HOOVER, PAUL ARMISTEAD, US
[72] PATTEN, MICHAEL, US
[72] MAZEEV, MAXIM V., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[30] US (12/955,034) 2010-11-29

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[51] **Int.Cl. G06F 19/24 (2011.01)**
[25] EN
[54] **PREDICTION OF PHENOTYPES AND TRAITS BASED ON THE METABOLOME**
[54] **PREDICTION DES PHENOTYPES ET DES TRAITS EN SE BASANT SUR LE METABOLOME**
[72] HAZEBROEK, JAN, US
[72] JANNI, JAMES, US
[72] LIGHTNER, JON, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2013-05-07
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[30] US (61/414,645) 2010-11-17

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[51] **Int.Cl. A61G 13/02 (2006.01) A61B 6/04 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **TABLE FOR PERFORMING MEDICAL PROCEDURES**
[54] **TABLE POUR REALISER DES INTERVENTIONS MEDICALES**
[72] DEFREITAS, KEN, US
[72] SHAW, IAN, US
[72] PICKETT, KATHY, US
[72] FAND, AARON, US
[72] MERCURIO, AGNES, US
[72] VOLPE, LINDA, US
[72] FARMER, KELLY, US
[72] MANKE, DARRIN, US
[72] LEMIEUX, ERIN-ANNE A., US
[72] LOUGHNANE, CHRISTOPHER PAUL, US
[72] LABAK, CHRISTOPHER, US
[73] HOLOGIC, INC., US
[85] 2013-05-08
[86] 2011-11-17 (PCT/US2011/061186)
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[30] US (61/415,022) 2010-11-18

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[54] **ACID GAS ABSORBENT COMPOSITION**
[54] **COMPOSITION ABSORBANT LES GAZ ACIDES**
[72] BLAIR, ALAN M., GB
[72] GARSIDE, KEITH N., GB
[72] ANDREWS, WILLIAM J., US
[72] SAWANT, KAILAS B., US
[73] NALCO COMPANY, US
[85] 2013-05-09
[86] 2011-11-17 (PCT/US2011/061118)
[87] (WO2012/068327)
[30] US (12/950,518) 2010-11-19

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[25] EN
[54] **BLOWING CATALYST**
[54] **CATALYSEUR DE GONFLEMENT**
[72] GASPAR, ZSOLT, HU
[72] HUMBERT, HEIKO HEINRICH, DE
[72] FELBER, GABOR, HU
[72] GASPAR, ATTILA, HU
[72] GRIGSBY, ROBERT ALLISON, JR., US
[72] KORDAS, IMRE, HU
[72] VANDERSTRAETEN, PETRA EMMA, BE
[73] HUNTSMAN CORPORATION HUNGARY ZRT, HU
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2013-05-10
[86] 2011-11-22 (PCT/EP2011/070611)
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[30] US (61/417,551) 2010-11-29
[30] EP (11462001.6) 2011-01-07

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[51] **Int.Cl. B01L 3/14 (2006.01)**
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[54] **"A CONTAINER FOR SELECTIVE TRANSFER OF SAMPLES OF BIOLOGICAL MATERIAL."**
[54] **"RECIPIENT UTILISABLE EN VUE DU TRANSPORT SELECTIF D'ECHANTILLONS D'UN MATERIAU BIOLOGIGUE."**
[72] TRIVA, DANIELE, IT
[73] COPAN ITALIA S.P.A., IT
[85] 2013-05-14
[86] 2011-11-17 (PCT/IB2011/055161)
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[54] **ELECTRIC CURRENT SWITCHING APPARATUS**
[54] **APPAREIL DE COMMUTATION DE COURANT ELECTRIQUE**
[72] MATTLAR, HARRI, FI
[72] VAELIVAINIO, MIKKO, FI
[73] ABB OY, FI
[86] (2818181)
[87] (2818181)
[22] 2013-06-06
[30] EP (12171421.6) 2012-06-11

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[25] EN
[54] **MATERIALS HAVING A CONTROLLABLE DEGREE OF CROSSLINKING**
[54] **MATERIAUX A DEGRE DE RETICULATION POUVANT ETRE DETERMINE**
[72] HILF, STEFAN, DE
[72] SCHMIDT, FRIEDRICH GEORG, DE
[72] BARNER-KOWOLLIK, CHRISTOPHER, DE
[72] ZHOU, JIAWEN, DE
[73] EVONIK ROHM GMBH, DE
[85] 2013-05-17
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[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/34 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **SYSTEM FOR USE IN TREATMENT OF VERTEBRAL FRACTURES**
[54] **SYSTEME UTILISABLE DANS LE CADRE DU TRAITEMENT DES FRACTURES VERTEBRALES**
[72] GERMAIN, AARON, US
[73] DFINE, INC., US
[85] 2013-05-22
[86] 2011-11-22 (PCT/US2011/061942)
[87] (WO2012/071464)
[30] US (61/416,042) 2010-11-22

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[13] C
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[25] EN
[54] **WATER-IN-OIL EMULSION COMPRISING OMEGA-3 FATTY ACIDS AND PROCESS FOR THE MANUFACTURE THEREOF**
[54] **EMULSION D'EAU DANS L'HUILE COMPRENANT DES ACIDES GRAS OMEGA-3 ET PROCEDE POUR SA FABRICATION**
[72] SMIT-KINGMA, IRENE ERICA, NL
[72] VERSEPUT, ROBERT MARINUS, NL
[73] UNILEVER BCS LIMITED, GB
[85] 2013-05-31
[86] 2011-11-28 (PCT/EP2011/071168)
[87] (WO2012/084416)
[30] EP (10196444.3) 2010-12-22

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[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/098 (2006.01) C09D 167/08 (2006.01)**
[25] EN
[54] **DRIER COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE SICCATIF ET SON UTILISATION**
[72] WEIJNEN, JOHN, NL
[72] BLOEM, MARTIN, NL
[72] KLOMP, DIRK, NL
[73] PPG EUROPE BV, NL
[85] 2013-06-06
[86] 2010-12-15 (PCT/EP2010/069691)
[87] (WO2012/079624)

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[13] C
[51] **Int.Cl. C10M 169/06 (2006.01)**
[25] FR
[54] **GREASE COMPOSITION COMPRISING A MOLYBDENUM DITHIOCARBAMATE AND GRAPHITE**
[54] **COMPOSITION DE GRAISSE COMPRENANT UN DITHIOCARBAMATE DE MOLYBDENE ET DU GRAPHITE**
[72] BARDIN, FRANCK, FR
[73] TOTAL RAFFINAGE MARKETING, FR
[85] 2013-06-06
[86] 2011-12-12 (PCT/IB2011/055622)
[87] (WO2012/080940)
[30] FR (10 60 442) 2010-12-13

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[54] **METHOD AND DEVICE FOR GENERATING IMAGES COMPRISING MOTION BLUR**
[54] **PROCEDE ET DISPOSITIF DE GENERATION D'IMAGES COMPORTANT UN FLOU DE MOUVEMENT**
[72] BOURDON, PASCAL, FR
[72] PIERRICK, JOUET, FR
[72] ALLEAUME, VINCENT, FR
[73] THOMSON LICENSING, FR
[85] 2013-06-07
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING FRAUDULENT ACCOUNT ACCESS AND TRANSFERS**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ACCES ET DE TRANSFERTS FRAUDULEUX SUR UN COMPTE**
[72] WEINFLASH, LAURA E., US
[72] SIMM, JANIS E., US
[72] QI, JINGHONG, US
[73] EARLY WARNING SERVICES, LLC, US
[85] 2013-06-10
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[54] **GREASE COMPOSITION COMPRISING A MOLYBDENUM DITHIOCARBAMATE AND GRAPHITE**
[54] **COMPOSITION DE GRAISSE COMPRENANT UN DITHIOCARBAMATE DE MOLYBDENE ET DU GRAPHITE**
[72] BARDIN, FRANCK, FR
[73] TOTAL RAFFINAGE MARKETING, FR
[85] 2013-06-06
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[51] **Int.Cl. C08J 3/22 (2006.01) C08K 3/04 (2006.01) C08K 5/00 (2006.01) C08L 69/00 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING SOOT DISPERSION**
[54] **PROCEDE POUR AMELIORER LA DISPERSION DE NOIR DE CARBONE**
[72] SEIDEL, ANDREAS, DE
[72] THIEM, HANS-JURGEN, DE
[72] RUDOLF, REINER, DE
[72] REICHENAUER, JOERG, DE
[72] ECKEL, THOMAS, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-06-20
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[51] **Int.Cl. H03M 11/20 (2006.01) G06F 3/023 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EFFICIENT ILLUMINATION OF INDIVIDUAL KEYS IN A KEYBOARD**
[54] **PROCEDES ET APPAREIL POUR L'ECLAIREMENT EFFICACE DE TOUCHES INDIVIDUELLES DANS UN CLAVIER**
[72] MICKELSEN, JEREMY, US
[72] LAMMERS, ALEX, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-20
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[54] **METHODS AND APPARATUSES FOR ENABLING POWER BACK-OFF INDICATION IN PHR IN A TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDES ET APPAREILS PERMETTANT L'INDICATION D'UN RECUL DE PUISSANCE DANS UN RAPPORT DE MARGE DE PUISSANCE AU SEIN D'UN SYSTEME DE TELECOMMUNICATIONS**
[72] BALDEMAIR, ROBERT, SE
[72] BOSTROM, LISA, SE
[72] WIEMANN, HENNING, DE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[86] 2011-04-29 (PCT/SE2011/050528)
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[54] **APPARATUS AND METHODS FOR PREPARING AN EMULSION**
[54] **APPAREIL ET PROCEDES DE PREPARATION D'UNE EMULSION**
[72] HUDSON, BRUCE W., US
[72] OPPERMAN, GARY W., US
[72] RAICHE, ADRIAN T., US
[73] EVONIK CORPORATION, US
[85] 2013-06-21
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[54] **ANTISKINNING COMPOSITIONS**
[54] **COMPOSITIONS ANTI-PEAUX**
[72] HAGE, RONALD, NL
[72] GOL, FRANJO, DE
[72] GIBBS, HUGH WYNN, GB
[72] MAAIJEN, KARIN, NL
[73] OMG UK TECHNOLOGY LIMITED, GB
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[25] EN
[54] **METHODS AND APPARATUS FOR PROVIDING INFORMATION OF INTEREST TO ONE OR MORE USERS**
[54] **PROCEDES ET APPAREIL DE FOURNITURE D'INFORMATIONS D'INTERET A UN OU PLUSIEURS UTILISATEURS**
[72] DUPUIS, JEAN-PAUL, CA
[72] ILYAS, IHAB F., CA
[72] SWEENEY, PETER, CA
[72] YAMPOLSKA, NADIYA, CA
[73] PRIMAL FUSION INC., CA
[85] 2013-06-28
[86] 2012-01-04 (PCT/CA2012/000007)
[87] (WO2012/088611)
[30] US (61/428,676) 2010-12-30
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[30] US (61/430,141) 2011-01-05
[30] US (61/430,143) 2011-01-05
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[25] EN
[54] **AN EMULSION WHIPPABLE AT ROOM-TEMPERATURE**
[54] **EMULSION FOUETTABLE A LA TEMPERATURE AMBIANTE**
[72] DOMBREE, ANNE, BE
[72] KEGELAERS, YVES, BE
[72] ANIHOUVI, PRUDENT PLACIDE, BE
[72] BLECKER, CHRISTOPHE, BE
[72] DANTHINE, SABINE, BE
[73] PURATOS N.V., BE
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[86] 2012-02-13 (PCT/EP2012/052377)
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[54] **MAGNETICALLY ISOLATED PHASE INTERIOR PERMANENT MAGNET ELECTRICAL ROTATING MACHINE**
[54] **MACHINE TOURNANTE ELECTRIQUE A AIMANT PERMANENT INTERNE A PHASE ISOLEE MAGNETIQUEMENT**
[72] FLYNN, CHARLES J., US
[73] QM POWER, INC., US
[85] 2013-06-28
[86] 2012-01-11 (PCT/US2012/020999)
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[25] EN
[54] **EXTERNAL MIXING PRESSURIZED TWO-FLUID NOZZLE AND A SPRAY DRYING METHOD**
[54] **BUSE A DEUX FLUIDES SOUS PRESSION A MELANGE EXTERNE ET PROCEDE DE SECHAGE PAR PULVERISATION**
[72] SORENSEN, PER BO, DK
[72] JENSEN, ANDERS BO, DK
[72] FREDSTED, SOREN, DK
[73] GEA PROCESS ENGINEERING A/S, DK
[85] 2013-07-18
[86] 2011-02-28 (PCT/DK2011/050060)
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[51] **Int.Cl. C12N 9/02 (2006.01) C12N 5/04 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **RESPIRATORY METABOLISM-ASSOCIATED GENE BNAOX1 FROM BRASSICA NAPUS AND USE THEREOF**
[54] **GENE BNAOX1 ISSU DE BRASSICA NAPUS, ASSOCIE AU METABOLISME RESPIRATOIRE, ET SON UTILISATION**
[72] WANG, HANZHONG, CN
[72] HUA, WEI, CN
[72] LIU, JING, CN
[72] LIU, GUIHUA, CN
[72] WANG, XINFA, CN
[72] HU, ZHIYONG, CN
[72] ZHAN, GAOMIAO, CN
[73] OIL CROPS RESEARCH INSTITUTE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES, CN
[85] 2013-07-26
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[51] **Int.Cl. D01F 9/17 (2006.01) C07G 1/00 (2011.01) D01D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LIGNIN FIBER**
[54] **PROCEDE DE FABRICATION D'UNE FIBRE DE LIGNINE**
[72] SJOHOLM, ELISABETH, SE
[72] GELLERSTEDT, GORAN, SE
[72] DROUGGE, RICKARD, SE
[72] NORBERG, IDA, SE
[72] NORDSTROM, YLVA, SE
[73] INNVENTIA AB, SE
[85] 2013-07-30
[86] 2012-02-13 (PCT/SE2012/050141)
[87] (WO2012/112108)
[30] SE (1150114-5) 2011-02-14
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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/158 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN INFUSION SYSTEMS**
[54] **PERFECTIONNEMENTS A DES SYSTEMES DE PERFUSION**
[72] SEARLE, GARY, US
[72] HWANG, CHARLES, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-08-07
[86] 2012-02-08 (PCT/US2012/000070)
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[30] US (61/441,278) 2011-02-09

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[51] **Int.Cl. B29C 70/44 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FIBRE COMPOSITE COMPONENT, AND A TOOL ARRANGEMENT FOR SAME**
[54] **PROCEDE DE PRODUCTION D'UNE PIECE STRUCTURALE EN COMPOSITE FIBREUX, ET ENSEMBLE OUTIL UTILISE A CETTE FIN**
[72] SCHNEIDERBAUER, GERNOT, AT
[72] KOCH, OLAF, AT
[73] FACC AG, AT
[85] 2013-08-16
[86] 2012-03-01 (PCT/AT2012/000047)
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[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **EXTENDING SOCKET FOR PORTABLE MEDIA PLAYER**
[54] **DOUILLE D'EXTENSION POUR LECTEUR MULTIMEDIA PORTABLE**
[72] BARNETT, DAVID B., US
[72] CARLSON, LAWRENCE E., US
[73] POPSOCKETS LLC, US
[85] 2013-08-26
[86] 2012-03-14 (PCT/US2012/029015)
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[30] US (13/403,729) 2012-02-23

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[51] **Int.Cl. C08B 37/00 (2006.01) C07K 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING GLYCOPEPTIDE HAVING SIALYL SUGAR CHAIN, SIALYL SUGAR CHAIN-ADDED AMINO ACID DERIVATIVE TO BE USED IN SAME, AND GLYCOPEPTIDE**
[54] **PROCEDE DE PRODUCTION D'UN GLYCOPEPTIDE COMPORTANT UNE CHAINE SUCREE SIALYLE, DERIVE D'ACIDE AMINE A CHAINE SUCREE SIALYLE AJOUTEE EMPLOYE DANS LEDIT PROCEDE, ET GLYCOPEPTIDE**
[72] KAJIHARA, YASUHIRO, JP
[72] MURAKAMI, MASUMI, JP
[72] ISHII, KAZUYUKI, JP
[73] GLYTECH, INC., JP
[85] 2013-09-06
[86] 2012-03-05 (PCT/JP2012/055543)
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[30] JP (2011-053644) 2011-03-10
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[54] **DISTRIBUTION OF PREMISES ACCESS INFORMATION**
[54] **DISTRIBUTION D'INFORMATIONS D'ACCES A DES LOCAUX**
[72] FRIEDLI, PAUL, CH
[72] KAPPELER, MARKUS, CH
[73] INVENTIO AG, CH
[85] 2013-09-13
[86] 2012-03-22 (PCT/EP2012/055115)
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[25] EN
[54] **METHOD, DIGITAL IMAGE PROCESSOR AND VIDEO DISPLAY SYSTEM FOR DIGITALLY PROCESSING A VIDEO SIGNAL**
[54] **PROCEDE, PROCESSEUR D'IMAGE NUMERIQUE ET SYSTEME D'AFFICHAGE VIDEO POUR TRAITER NUMERIQUEMENT UN SIGNAL VIDEO**
[72] NEPVEU, BERTRAND, CA
[73] VRVANA CANADA ULC, CA
[85] 2013-09-19
[86] 2011-03-18 (PCT/CA2011/000294)
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[30] CA (2,696,925) 2010-03-19
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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A THIENOPYRIMIDINE PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY**
[54] **UNE THIENOPYRIMIDINE INHIBITRICE DE PHOSPHOIONOSITIDE 3-KINASE A FRACTION LIANTE DE ZINC**
[72] CAI, XIONG, US
[72] ZHAI, HAIXIAO, US
[72] LAI, CHENGJUNG, US
[72] QIAN, CHANGGENG, US
[72] BAO, RUDI, US
[73] CURIS, INC., US
[85] 2013-09-19
[86] 2012-03-30 (PCT/US2012/031361)
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[54] **BROADCASTING LINKS TO ENHANCED CONTENT**
[54] **DIFFUSION DE LIENS EN RAPPORT AVEC UN CONTENU AMELIORE**
[72] OZTASKENT, ANT, GB
[72] VOLOVICH, YAROSLAV, GB
[72] ROWE, SIMON M., GB
[72] ARINI, NICHOLAS, GB
[72] ZIELINSKI, PIOTR, GB
[73] GOOGLE LLC, US
[85] 2013-09-26
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[51] **Int.Cl. B44B 5/00 (2006.01) A44C 21/00 (2006.01) A44C 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING GIVEAWAY MATERIAL ON MINT PRODUCTS**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LE MATERIAU EXCEDENTAIRE SUR LES PRODUITS DE MONNAIE**
[72] MATHIEU, YANICK, CA
[72] BALDWIN, DAVID JOHN STANLEY, CA
[72] LECLERC, FREDERICK, CA
[72] HRACH, THOMAS, AT
[72] SCHURER, HERMANN, AT
[73] MONNAIE ROYALE CANADIENNE/ROYAL CANADIAN MINT, CA
[85] 2013-09-27
[86] 2012-03-28 (PCT/CA2012/050192)
[87] (WO2012/129691)
[30] US (61/468,385) 2011-03-28
[30] US (61/510,848) 2011-07-22
[30] US (61/540,813) 2011-09-29
[30] US (61/603,546) 2012-02-27

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[13] C
[51] **Int.Cl. C02F 1/66 (2006.01) C02F 1/68 (2006.01) F24H 8/00 (2006.01)**
[25] EN
[54] **DEVICE FOR NEUTRALIZING ACID CONDENSATES**
[54] **DISPOSITIF DE NEUTRALISATION DE CONDENSATS ACIDES**
[72] CHAUVIN, ANTOINE, FR
[73] SAUERMANN INDUSTRIE SA, FR
[85] 2013-09-27
[86] 2012-03-29 (PCT/EP2012/055734)
[87] (WO2012/136577)
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[25] EN
[54] **USE OF 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM SALTS IN THE TREATMENT OF CARDIOVASCULAR DISEASE**
[54] **UTILISATION DE SELS DE 3-CARBOXY-N-ETHYL-N,N-DIMETHYLPROPAN-1-AMINIUM POUR TRAITER UNE MALADIE CARDIOVASCULAIRE**
[72] KALVINS, IVARS, LV
[72] LIEPINS, EDGARS, LV
[72] LOZA, EINARS, LV
[72] STONANS, ILMARS, LV
[72] LOLA, DAINA, LV
[72] KUKA, JANIS, LV
[72] PUGOVICS, OSVALDS, LV
[72] VILSKERSTS, REINIS, LV
[72] GRINBERGA, SOLVEIGA, LV
[72] DAMBROVA, MAIJA, LV
[73] GRINDEKS, A JOINT STOCK COMPANY, LV
[85] 2013-10-08
[86] 2012-04-27 (PCT/EP2012/057806)
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[30] EP (11163839.1) 2011-04-27
[30] EP (11163841.7) 2011-04-27
[30] EP (11163840.9) 2011-04-27
[30] EP (11163872.2) 2011-04-27
[30] EP (11163871.4) 2011-04-27

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01) A61K 31/505 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF ROSUVASTATIN CALCIUM**
[54] **COMPOSITION PHARMACEUTIQUE DE ROSUVASTATINE CALCIQUE**
[72] CREEKMORE, JOSEPH RICHARD, US
[72] KOTHARI, SANJEEV HUKMICHAND, US
[72] MUELLER, BRADFORD J., US
[72] PENG, YINGXU, US
[73] ASTRAZENECA UK LIMITED, GB
[85] 2013-11-07
[86] 2012-05-17 (PCT/GB2012/051105)
[87] (WO2012/160352)
[30] US (61/488,222) 2011-05-20
[30] US (61/577,165) 2011-12-19

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[13] C
[51] **Int.Cl. H04N 19/21 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-11-27
[86] 2012-06-22 (PCT/JP2012/004046)
[87] (WO2012/176463)
[30] US (61/500,163) 2011-06-23

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[13] C
[51] **Int.Cl. C08L 53/00 (2006.01) C09D 153/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING COATED ORGANIC ARGROCHEMICAL CRYSTALS**
[54] **PROCEDE DE PREPARATION DE CRISTAUX AGROCHIMIQUES ORGANIQUES**
[72] MULQUEEN, PATRICK JOSEPH, GB
[72] THOMSON, NIALL RAE, GB
[72] BIGGS, SIMON RICHARD, GB
[72] CHAGNEUX, NELLY, FR
[72] DUBOIS, MATHIEU EDMOND RENE, GB
[72] SARKER, PRODIP, GB
[72] SCANLON, SHANE, GB
[73] SYNGENTA LIMITED, GB
[85] 2013-11-28
[86] 2012-07-03 (PCT/EP2012/062943)
[87] (WO2013/004704)
[30] GB (1111439.4) 2011-07-04

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[13] C
[51] **Int.Cl. H04N 5/76 (2006.01) G06F 12/02 (2006.01) G11B 27/10 (2006.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEMORY JUMPING WITHIN STORED INSTANCES OF CONTENT**
[54] **SYSTEME ET PROCEDE POUR SAUT DE MEMOIRE AU SEIN D'INSTANCES STOCKEES DE CONTENU**
[72] KUMMER, DAVID A., US
[72] BEALS, WILLIAM MICHAEL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[86] 2012-08-23 (PCT/US2012/051987)
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[25] EN
[54] **NON-PGM CATHODE CATALYSTS FOR FUEL CELL APPLICATION DERIVED FROM HEAT TREATED HETEROATOMIC AMINES PRECURSORS**
[54] **CATALYSEURS CATHODIQUES NON-PGM POUR UNE APPLICATION DE PILE A COMBUSTIBLE PROVENANT DE PRECURSEURS D'AMINES HETEROAROMATIQUES TRAITES THERMIQUEMENT**
[72] SEROV, ALEXEY, US
[72] HALEVI, BARR, US
[72] ARTYUSHKOVA, KATERYNA, US
[72] ATANASSOV, PLAMEN B., US
[72] MARTINEZ, ULISES ANDRES, US
[73] STC.UNM, US
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[54] **PORT ARRAY TOPOLOGY FOR HIGH PORT COUNT WAVELENGTH SELECTIVE SWITCH**
[54] **TOPOLOGIE DE MATRICE DE PORTS POUR COMMUTATEUR SELECTIF EN LONGUEUR D'ONDE COMPORTANT UN GRAND NOMBRE DE PORTS**
[72] YANG, LONG, US
[72] GARRETT, MARK H., US
[72] EHRLICH, JEFFREY E., US
[73] CAPELLA PHOTONICS, INC., US
[85] 2013-12-11
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[54] **ACCESSOIRE POUR FUMEURS**
[72] AHMET, ULU OZTURK, GB
[73] AHMET, ULU OZTURK, GB
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[54] **RETRACTABLE SHADE FOR COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **STORE ESCAMOTABLE POUR REVETEMENTS D'OUVERTURES ARCHITECTURALES**
[72] JELIC, RALPH G., US
[72] COLSON, WENDELL B., US
[72] SWISZCZ, PAUL G., US
[72] JELIC, KIM, US
[72] FOGARTY, DANIEL M., US
[72] THRONE, JASON T., US
[73] HUNTER DOUGLAS INC., US
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[54] **PHOSPHATIDIC ACID PHOSPHATASE GENE**
[54] **GENE DE LA PHOSPHATASE DE L'ACIDE PHOSPHATIDIQUE**
[72] OCHIAI, MISA, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2014-01-08
[86] 2012-07-27 (PCT/JP2012/069172)
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[54] **NUCLEAR STEAM GENERATOR STEAM NOZZLE FLOW RESTRICTOR**
[54] **REDUCTEUR DE DEBIT D'INJECTEUR DE VAPEUR POUR CHAUDIERE NUCLEAIRE**
[72] WEPFER, ROBERT M., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2014-01-13
[86] 2012-07-12 (PCT/US2012/046340)
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[54] **MINIMALLY INVASIVE CRIMP AND CABLE FOR BONE CERCLAGE**
[54] **SERTISSAGE ET CABLE MINI-INVASIFS POUR LE CERCLAGE OSSEUX**
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2014-01-16
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[54] **PERCUTANEOUS METHODS FOR SPINAL STENOSIS AND FORAMINAL STENOSIS**
[54] **METHODES PERCUTANEES POUR STENOSE SPINALE ET STENOSE FORAMINALE**
[72] TRAMBOO, TARIQ AHMAD, US
[72] TAHA, ASHRAF A., US
[73] SPINELOOP, LLC, US
[85] 2014-01-17
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[25] EN
[54] **OIL-WELL STEEL PIPE HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE**
[54] **TUBE D'ACIER DE PUITS DE PETROLE QUI PRESENTE UNE EXCELLENTE RESISTANCE A LA FISSURATION SOUS TENSION INDUITE PAR SULFURE**
[72] SOMA, ATSUSHI, JP
[72] OMURA, TOMOHIKO, JP
[72] ARAI, YUJI, JP
[72] NUMATA, MITSUHIRO, JP
[72] TAKAYAMA, TORU, JP
[72] SEO, MASANAO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **SYSTEM AND PROCESS FOR MIXING CONCRETE HAVING DESIRED STRENGTH CHARACTERISTICS**
[54] **SYSTEME ET PROCEDE POUR MELANGER DU BETON AYANT DES CARACTERISTIQUES DE RESISTANCE DESIREES**
[72] PHARE, W. ROBERT, US
[72] HOHL, CHARLENE, US
[73] COMMAND ALKON INCORPORATED, US
[86] (2843658)
[87] (2843658)
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[25] EN
[54] **SKIVING TOOL, METHOD FOR PRODUCING A CYLINDER UNIT AND LATHE**
[54] **OUTIL D'ECROUTAGE, PROCEDE DE FABRICATION D'UN ENSEMBLE CYLINDRE ET TOUR**
[72] OSTERTAG, ALFRED, DE
[73] ECOROLL AG WERKZEUGTECHNIK, DE
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[54] **PANTLEG HOLDING MECHANISM FOR KNEE PADS**
[54] **MECANISME DE RETENUE DE JAMBE DE PANTALON POUR GENOUILLERES**
[72] CARVER, JOHN W., US
[72] ERICSON, KEITH, US
[73] 5 SEAS ENGINEERING & TRADING LLC, US
[86] (2844343)
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[25] EN
[54] **REDUCING THE CARBON EMISSIONS INTENSITY OF A FUEL**
[54] **REDUCTION DE L'INTENSITE DES EMISSIONS DE CARBONE D'UN COMBUSTIBLE**
[72] KEITH, DAVID WILLIAM, CA
[72] RHODES, JAMES, US
[73] 1234 10TH STREET LLC, US
[85] 2014-02-18
[86] 2012-08-17 (PCT/US2012/051424)
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[25] EN
[54] **METHOD OF FABRICATING A CAPSULE BELT**
[54] **PROCEDE DE FABRICATION D'UNE BANDE DE CAPSULES**
[72] STEVENSON, ROBERT ANDREW, AU
[73] RAINDANCE SYSTEMS PTY LTD, AU
[85] 2014-02-19
[86] 2011-08-24 (PCT/AU2011/001092)
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[51] **Int.Cl. E21B 28/00 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **WAVE-INDUCING DEVICE, CASING SYSTEM AND METHOD FOR CEMENTING A CASING IN A BOREHOLE**
[54] **DISPOSITIF DE GENERATION D'ONDES, SYSTEME DE TUBAGE, ET PROCEDE DE CIMENTATION D'UN TUBAGE DANS UN TROU DE FORAGE**
[72] KLEPPA, ERLING, NO
[72] HARESTAD, KRISTIAN, NO
[73] PERIGON HANDEL AS, NO
[85] 2014-02-21
[86] 2012-03-16 (PCT/IB2012/051273)
[87] (WO2013/030681)
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[51] **Int.Cl. G06F 8/61 (2018.01) G06F 7/00 (2006.01) G05B 19/4097 (2006.01)**
[25] EN
[54] **DEPLOYMENT OF SOFTWARE ACROSS AN ENTERPRISE SYSTEM**
[54] **DEPLOIEMENT DE LOGICIEL A L'ECHELLE D'UN SYSTEME D'ENTREPRISE**
[72] MURRAY, KENNETH TODD, US
[72] SPASSOV, MIROSLAV IORDANOV, US
[72] MITCHELL, ALEXANDER JAMES, US
[73] THE BOEING COMPANY, US
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[87] (2847393)
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[25] EN
[54] **CABLE RETAINING APPARATUS**
[54] **APPAREIL DE RETENUE DE CABLES**
[72] FRIZZELL, LEE, GB
[73] CMP PRODUCTS LIMITED, GB
[85] 2014-03-05
[86] 2012-09-17 (PCT/EP2012/068273)
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[13] C
[51] **Int.Cl. C12Q 1/70 (2006.01)**
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[54] **A SINGLE NUCLEOTIDE POLYMORPHISM ON CHROMOSOME 15 THAT PREDICTS HCV TREATMENT RESPONSES**
[54] **POLYMORPHISME DE NUCLEOTIDE UNIQUE SUR LE CHROMOSOME 15 QUI PREDIT LES SENSIBILITES VIS-A-VIS D'UN TRAITEMENT CONTRE LE VHC**
[72] BENAYED, RYMA, US
[72] ESSIOUX, LAURENT, FR
[72] NAVARRO, MERCIDITA T., US
[72] PALERMO, GIUSEPPE, CH
[72] RILEY-GILLIS, BRIDGET, US
[72] ZHU, YONGHONG, US
[73] F.HOFFMANN-LA ROCHE AG, CH
[85] 2014-04-02
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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INCREMENTALLY REPLICATING INVESTIGATIVE ANALYSIS DATA**
[54] **SYSTEME ET METHODE DE REPRODUCTION INCREMENTIELLE DE DONNEES D'ANALYSE D'ENQUETE**
[72] LANDAU, ALEXANDER, US
[72] WILSON, TIM, US
[72] DUCOTT, RICHARD ALLEN, III, US
[73] PALANTIR TECHNOLOGIES INC., US
[86] (2851904)
[87] (2851904)
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[25] FR
[54] **INSTALLATION FOR ANCHORING A FLOATING PLATFORM TO THE GROUND**
[54] **INSTALLATION D'ANCRAGE AU SOL POUR UNE PLATEFORME FLOTTANTE**
[72] BUSSON, PHILIPPE, FR
[73] NOV-BLM, FR
[85] 2014-04-24
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[51] **Int.Cl. E21B 47/02 (2006.01)**
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[54] **POSITIONING TECHNIQUES IN MULTI-WELL ENVIRONMENTS**
[54] **TECHNIQUES DE POSITIONNEMENT DANS LES ENVIRONNEMENTS MULTIPUITS**
[72] MCELHINNEY, GRAHAM ARTHUR, GB
[72] UTTECHT, GARY WILLIAM, GB
[72] WRIGHT, ERIC, GB
[72] WESTON, JOHN LIONEL, GB
[73] GYRODATA, INCORPORATED, US
[86] (2854746)
[87] (2854746)
[22] 2014-06-18
[30] US (61/839,311) 2013-06-25
[30] US (14/301,123) 2014-06-10

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[51] **Int.Cl. G01R 33/563 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **CORRELATED DIFFUSION IMAGING SYSTEM AND METHOD FOR IDENTIFICATION OF BIOLOGICAL TISSUE OF INTEREST**
[54] **SYSTEME D'IMAGERIE A DIFFUSION CORRELEE ET PROCEDE D'IDENTIFICATION DE TISSUS BIOLOGIQUES D'INTERET**
[72] WONG, ALEXANDER SHEUNG LAI, CA
[73] WONG, ALEXANDER SHEUNG LAI, CA
[86] (2854844)
[87] (2854844)
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[13] C
[51] **Int.Cl. A61B 17/50 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **DEVICE FOR RETRIEVING A BODY FROM A TUBULAR STRUCTURE**
[54] **DISPOSITIF PERMETTANT D'EXTRAIRE UN CORPS D'UNE STRUCTURE TUBULAIRE**
[72] SOUTORINE, MIKHAIL, AU
[72] CHERNOV-HARAEV, ARTEM NIKOLAEVICH, RU
[72] PROKOSHKIN, SERGEI DMITRIEVICH, RU
[72] RYKLINA, ELENA PROKOPIEVNA, RU
[72] KHMELEVSKAYA, IRINA YURIEVNA, RU
[72] KOROTITSKIY, ANDREY VICTOROVICH, RU
[73] GLOBETEK 2000 PTY LTD, AU
[73] THE FEDERAL STATE AUTONOMOUS EDUCATIONAL INSTITUTION OF THE HIGHER PROFESSIONAL EDUCATION "NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY "MISIS", RU
[85] 2014-05-23
[86] 2011-11-30 (PCT/AU2011/001561)
[87] (WO2012/071620)
[30] RU (PCT/RU2010/000711) 2010-11-30

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[51] **Int.Cl. B65H 37/06 (2006.01) B65H 45/08 (2006.01) B65H 45/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING STRETCH FILM ROLLS**
[54] **METHODE ET APPAREIL SERVANT A LA FABRICATION DE ROULEAUX DE PELLICULE ETIRABLE**
[72] GALEA, ANTHONY, CA
[73] MALPACK LIMITED, CA
[86] (2856999)
[87] (2856999)
[22] 2014-07-16

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[13] C
[51] **Int.Cl. F21V 21/00 (2006.01) F21S 4/20 (2016.01) F21S 8/04 (2006.01) F21V 21/02 (2006.01) F21V 21/088 (2006.01)**
[25] EN
[54] **CEILING GRID SYSTEM FOR RECEIVING LED STRIP LIGHTS**
[54] **SYSTEME DE GRILLAGE DE PLAFOND DESTINE A RECEVOIR DES BANDES DE LUMIERES DEL**
[72] GERKES, MARTIN DANIEL, CA
[72] WHITE, RONALD, CA
[73] CERTAINTEED CANADA, INC., CA
[86] (2857004)
[87] (2857004)
[22] 2014-07-16

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[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **GROUPING AND ORDERING ADVERTISING UNITS BASED ON USER ACTIVITY**
[54] **GROUPEMENT ET ORDONNANCEMENT D'UNITES DE PUBLICITE SUR LA BASE D'UNE ACTIVITE D'UTILISATEUR**
[72] ADAMS, PAUL, US
[72] PAI, CAROL CHIA-FAN, US
[73] FACEBOOK, INC., US
[85] 2014-05-29
[86] 2013-01-09 (PCT/US2013/020894)
[87] (WO2013/106477)
[30] US (13/348,491) 2012-01-11

[11] **2,858,686**
[13] C
[51] **Int.Cl. G06F 19/26 (2011.01) G06F 19/28 (2011.01)**
[25] EN
[54] **DISTRIBUTED SYSTEM PROVIDING DYNAMIC INDEXING AND VISUALIZATION OF GENOMIC DATA**
[54] **SYSTEME DISTRIBUE PERMETTANT L'INDEXAGE ET LA VISUALISATION DYNAMIQUES DE DONNEES GENOMIQUES**
[72] VASKE, CHARLES JOSEPH, US
[72] SANBORN, JOHN ZACHARY, US
[72] BENZ, STEPHEN, US
[73] FIVE3 GENOMICS, LLC, US
[85] 2014-06-09
[86] 2012-12-07 (PCT/US2012/068493)
[87] (WO2013/086355)
[30] US (61/568,478) 2011-12-08

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[13] C
[51] **Int.Cl. F42B 5/307 (2006.01)**
[25] EN
[54] **POLYMER-BASED COMPOSITE CASINGS AND AMMUNITION CONTAINING THE SAME, AND METHODS OF MAKING AND USING THE SAME**
[54] **BOITIERS COMPOSITES A BASE DE POLYMERE ET MUNITIONS CONTENANT CEUX-CI, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] MARIN, JUAN CARLOS, ES
[72] LEMKE, PAUL, US
[73] QUANTUM AMMUNITION, LLC, US
[85] 2014-06-18
[86] 2012-12-21 (PCT/US2012/071395)
[87] (WO2013/096848)
[30] US (61/579,476) 2011-12-22

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[13] C
[51] **Int.Cl. H01H 33/662 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **SOLID-DIELECTRIC SWITCH INCLUDING A MOLDED VIEWING WINDOW**
[54] **INTERRUPTEUR DE DIELECTRIQUE SOLIDE INCLUANT UNE FENETRE DE VISUALISATION MOULEE**
[72] MARTIN, DONALD RICHARD, US
[72] DARKO, KENNEDY AMOAKO, US
[73] G & W ELECTRIC COMPANY, US
[85] 2014-07-15
[86] 2012-11-15 (PCT/US2012/065271)
[87] (WO2013/119288)
[30] US (61/633,429) 2012-02-09
[30] US (13/476,489) 2012-05-21

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[13] C
[51] **Int.Cl. H01H 3/22 (2006.01) H01H 9/24 (2006.01)**
[25] EN
[54] **INTERLOCK SYSTEM FOR SWITCHGEAR**
[54] **SYSTEME D'INTERVERROUILLAGE POUR APPAREIL DE COMMUTATION**
[72] DARKO, KENNEDY AMOAKO, US
[72] MARTIN, DONALD RICHARD, US
[73] G & W ELECTRIC COMPANY, US
[85] 2014-07-18
[86] 2012-11-15 (PCT/US2012/065275)
[87] (WO2013/119289)
[30] US (61/633,430) 2012-02-09
[30] US (13/476,529) 2012-05-21

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[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 11/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **CREATION AND MONITORING OF "FAIR PLAY" ONLINE GAMING**
[54] **CREATION ET SURVEILLANCE D'UN JEU EN LIGNE « JUSTE »**
[72] CAHN, ROBERT S., US
[73] CAHN, ROBERT S., US
[85] 2014-07-15
[86] 2013-01-22 (PCT/US2013/022439)
[87] (WO2013/112420)
[30] US (61/589,476) 2012-01-23
[30] US (13/745,926) 2013-01-21

[11] **2,863,800**
[13] C
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CHANNEL ACCESS VIA NULL DATA PACKET FRAME IN WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT L'ACCES AU CANAL AU MOYEN D'UNE TRAME DE PAQUET DE DONNEES VIDE DANS UN SYSTEME DE RESEAU LOCAL SANS FIL**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-08-05
[86] 2013-02-05 (PCT/KR2013/000913)
[87] (WO2013/115629)
[30] US (61/595,124) 2012-02-05
[30] US (61/598,833) 2012-02-14
[30] US (61/661,368) 2012-06-19

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[13] C
[51] **Int.Cl. B64C 25/20 (2006.01) B64C 25/26 (2006.01) B64C 25/62 (2006.01)**
[25] EN
[54] **LANDING GEAR**
[54] **TRAIN D'ATTERRISSAGE**
[72] SCHMIDT, KYLE, GB
[73] MESSIER-DOWTY LIMITED, GB
[85] 2014-08-21
[86] 2013-02-19 (PCT/GB2013/050391)
[87] (WO2013/124636)
[30] GB (1203248.8) 2012-02-24

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[13] C
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE TRANSPORT AND STORAGE OF AMINOETHER GAS TREATMENT SOLUTIONS**
[54] **TRANSPORT ET STOCKAGE A BASSES TEMPERATURES DE SOLUTIONS DE TRAITEMENT DE GAZ AMINOETHER**
[72] DAAGE, MICHEL, US
[72] FEDICH, ROBERT B., US
[72] SISKIN, MICHAEL, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-09-10
[86] 2013-03-13 (PCT/US2013/030790)
[87] (WO2013/138440)
[30] US (61/610,608) 2012-03-14
[30] US (13/793,298) 2013-03-11

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[13] C
[51] **Int.Cl. F24F 13/02 (2006.01) B21D 53/74 (2006.01) B23P 19/04 (2006.01) F16L 23/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PLACEMENT OF ANGLE PLATES IN TRANSVERSE DUCT FLANGES**
[54] **APPAREIL ET PROCEDE DE PLACEMENT D'EQUERRRES DANS DES BRIDES POUR CONDUITS TRANSVERSAUX**
[72] DAW, DAVID E., US
[72] UMBERGER, CODY B., US
[73] HVAC INVENTORS/SYSTEMATION, INC., US
[85] 2014-09-25
[86] 2014-03-14 (PCT/US2014/028057)
[87] (WO2014/143893)
[30] US (61/852,032) 2013-03-15
[30] US (61/852,025) 2013-03-15

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[13] C
[51] **Int.Cl. E21B 7/02 (2006.01) B62B 15/00 (2006.01) B65G 7/00 (2006.01) B66F 19/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **RIG SKIDDING SYSTEM**
[54] **SYSTEME DE DERAPAGE POUR APPAREIL DE FORAGE**
[72] DAVIS, ROCKY, CA
[73] ARDY RIGGING LTD., CA
[86] (2870235)
[87] (2870235)
[22] 2014-10-31
[30] CA (2869252) 2014-10-24

[11] **2,870,297**
[13] C
[51] **Int.Cl. A61B 17/03 (2006.01)**
[25] EN
[54] **SURGICAL FASTENER**
[54] **DISPOSITIF DE FIXATION CHIRURGICAL**
[72] RANUCCI, KEVIN J., US
[72] GUPTA, SAURAV V., US
[73] C.R. BARD, INC., US
[86] (2870297)
[87] (2870297)
[22] 2014-11-07
[30] US (14/075,441) 2013-11-08

[11] **2,871,154**
[13] C
[51] **Int.Cl. G06T 7/00 (2017.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DISTRIBUTED PROCESSING FOR MACHINE-VISION ANALYSIS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DISTRIBUE POUR ANALYSE DE VISION ARTIFICIELLE**
[72] OOSTENDORP, NATHAN, US
[73] SIGHT MACHINE, INC., US
[85] 2014-10-21
[86] 2013-05-08 (PCT/US2013/040215)
[87] (WO2013/169951)
[30] US (61/644,932) 2012-05-09
[30] US (13/830,781) 2013-03-14

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[51] **Int.Cl. H02J 7/00 (2006.01) B60S 5/00 (2006.01) H02J 13/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING POWER SHARING OF A PLURALITY OF CHARGING STATIONS SHARING THE SAME PORTION OF AN ELECTRICAL NETWORK**
[54] **METHODE ET SYSTEME DE GESTION DU PARTAGE DE L'ELECTRICITE D'UNE PLURALITE DE POSTES DE RECHARGE PARTAGEANT LA MEME PORTION D'UN RESEAU ELECTRIQUE**
[72] MAILLOUX, DANIEL, CA
[72] TREMBLAY, LOUIS, CA
[72] GARNEAU, ANDRE, CA
[73] ADDENERGIE TECHNOLOGIES INC., CA
[86] (2871232)
[87] (2871232)
[22] 2014-11-14
[30] US (62/004,306) 2014-05-29

[11] **2,872,470**
[13] C
[51] **Int.Cl. A61F 9/06 (2006.01) B23K 9/32 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **WELDING HELMET FOR DETECTING ARC DATA**
[54] **CASQUE DE SOUDAGE POUR LA DETECTION DE DONNEES D'ARC**
[72] BECKER, WILLIAM J., US
[72] PFEIFER, KYLE A., US
[72] SOMMERS, ERIC T., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039187)
[87] (WO2013/166231)
[30] US (61/643,014) 2012-05-04
[30] US (13/775,563) 2013-02-25

[11] **2,872,739**
[13] C
[51] **Int.Cl. A47F 3/04 (2006.01) F25D 23/08 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **INTEGRATED CENTER FRAME FOR A REFRIGERATED DISPLAY CASE**
[54] **CADRE CENTRAL INTEGRE POUR VITRINE REFRIGEREE**
[72] NEELAGANTAN, CHERA SELVAN, US
[72] SAMUEL, CHARLES, IN
[72] SMITH, MICHAEL, US
[73] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[86] (2872739)
[87] (2872739)
[22] 2014-12-01
[30] US (61/913474) 2013-12-09

[11] **2,873,421**
[13] C
[51] **Int.Cl. B27K 3/34 (2006.01)**
[25] EN
[54] **BIOBASED IMPREGNATING COMPOSITION AND PRODUCTS COMPRISING SAME**
[54] **COMPOSITION D'IMPREGNATION D'ORIGINE BIOLOGIQUE ET PRODUITS LA COMPORTANT**
[72] QUISENBERRY, KEITH THOMAS, US
[72] TIAN, DONG, US
[72] ROSS, JEFFREY S., US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[86] (2873421)
[87] (2873421)
[22] 2014-12-05
[30] US (14/137,527) 2013-12-20

[11] **2,874,090**
[13] C
[51] **Int.Cl. B61F 5/08 (2006.01)**
[25] EN
[54] **SPRING DEVICE FOR A RAIL VEHICLE**
[54] **DISPOSITIF DE RESSORT POUR VEHICULE FERROVIAIRE**
[72] WOLF, ANDREAS, CH
[72] WUSCHING, MICHAEL, DE
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-11-19
[86] 2013-05-29 (PCT/EP2013/061135)
[87] (WO2013/178719)
[30] EP (12170115.5) 2012-05-30

[11] **2,874,410**
[13] C
[51] **Int.Cl. E05B 63/00 (2006.01) E05C 3/04 (2006.01)**
[25] EN
[54] **LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE**
[72] WINKLER, HEINZ, AT
[73] NOVOMATIC AG, AT
[85] 2014-11-21
[86] 2013-05-28 (PCT/EP2013/001568)
[87] (WO2013/182278)
[30] DE (10 2012 011 332.3) 2012-06-06

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[13] C
[51] **Int.Cl. C07D 311/72 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING TOCOFLEXOLS AND ANALOGUES THEREOF**
[54] **PROCEDES DE FABRICATION DE TOCOFLEXOLS ET DE LEURS ANALOGUES**
[72] ZHENG, GUANGRONG, US
[72] COMPADRE, CESAR, US
[72] BREEN, PHILIP, US
[72] HAUER-JENSEN, MARTIN, US
[72] CROOKS, PETER, US
[73] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[73] BIOVENTURES, LLC, US
[85] 2014-11-21
[86] 2013-03-13 (PCT/US2013/030862)
[87] (WO2013/176745)
[30] US (61/650,021) 2012-05-22

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[13] C
[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **AN OSTOMY POUCH**
[54] **POCHE DE STOMIE**
[72] RICHMANN, SUSSIE, DK
[72] GRUM-SCHWENSEN, CHRISTEN, DK
[72] RASMUSSEN, CLAUS, DK
[72] MOLLER-JENSEN, PETER, DK
[72] TOFT, TUE KJAERGAARD, DK
[72] CLAUSEN, JAN, DK
[72] FRELLESVIG, IBEN, DK
[72] STENVANG, MICHAEL, DK
[73] HOLLISTER INCORPORATED, US
[85] 2014-11-24
[86] 2013-05-31 (PCT/US2013/043534)
[87] (WO2013/181493)
[30] EP (12170216.1) 2012-05-31

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[13] C
[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/00 (2006.01) A42B 3/12 (2006.01)**
[25] EN
[54] **IMPACT DIVERTING MECHANISM**
[54] **MECANISME DE DEVIATION DE CHOC**
[72] GOLNARAGHI, FARID, CA
[72] WANG, GAOFENG GARY, CA
[72] JELVEH, COMBIZ, CA
[72] ABRAM, DANIEL EAMON, CA
[73] SIMON FRASER UNIVERSITY, CA
[85] 2014-11-25
[86] 2012-06-29 (PCT/CA2012/050449)
[87] (WO2013/000095)
[30] US (61/503,054) 2011-06-30

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[13] C
[51] **Int.Cl. E02D 5/06 (2006.01)**
[25] EN
[54] **SHEET PILE**
[54] **PALPLANCHE**
[72] DA SILVA AREDE, LUIS, LU
[72] FAGOT, ANNE, LU
[72] MAUER, THIERRY, LU
[72] REICHERT, POL, LU
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L., ES
[85] 2014-12-05
[86] 2012-07-03 (PCT/IB2012/001308)
[87] (WO2014/006434)

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[13] C
[51] **Int.Cl. A61K 8/87 (2006.01) A61Q 3/00 (2006.01) A61Q 3/02 (2006.01)**
[25] EN
[54] **STABLE, TIN-FREE RADIATION CURABLE NAIL GEL COMPOSITIONS AND METHODS OF PREPARATION THEREOF**
[54] **COMPOSITIONS DE GEL A ONGLE STABLE DURCISSABLE SANS RAYONNEMENT D'ETAIN ET METHODES DE PREPARATION ASSOCIEES**
[72] LEIN, GEORGE, US
[73] MYCONE DENTAL SUPPLY COMPANY, INC., US
[85] 2014-12-19
[86] 2013-06-21 (PCT/US2013/047032)
[87] (WO2013/192515)
[30] US (61/662,988) 2012-06-22
[30] US (61/696,931) 2012-09-05
[30] US (61/807,075) 2013-04-01

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[13] C
[51] **Int.Cl. H04W 52/08 (2009.01) H04W 52/10 (2009.01) H04W 52/18 (2009.01)**
[25] EN
[54] **COMBINED OPEN LOOP/CLOSED LOOP (CQI-BASED) UPLINK TRANSMIT POWER CONTROL WITH INTERFERENCE MITIGATION FOR E-UTRA**
[54] **COMMANDE DE PUISSANCE D'EMISSION AMONT (A CQI) A BOUCLE OUVERTE ET A BOUCLE FERMEE COMBINEE AVEC ATTENUATION D'INTERFERENCE POUR E-UTRA**
[72] SHIN, SUNG-HYUK, US
[72] GRIECO, DONALD M., US
[72] OLESEN, ROBERT L., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[86] (2878737)
[87] (2878737)
[22] 2007-09-26
[62] 2,665,178
[30] US (60/827,965) 2006-10-03
[30] US (60/863,188) 2006-10-27

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[13] C
[51] **Int.Cl. G02C 7/10 (2006.01) A42B 3/18 (2006.01) G02F 1/133 (2006.01)**
[25] EN
[54] **AUTO-DARKENING WELDING HELMET**
[54] **CASQUE DE SOUDAGE AUTONOIRCISSANT**
[72] DEKEUSTER, MICHAEL T., US
[72] STOWELL, ROXANNE M., US
[73] SNAP-ON INCORPORATED, US
[86] (2879590)
[87] (2879590)
[22] 2015-01-27
[30] US (14/340,859) 2014-07-25

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[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/94 (2006.01)**
[25] EN
[54] **CATALYTIC REDUCTION OF NOX WITH HIGH ACTIVITY CATALYSTS WITH PROPYLENE REDUCTANT**
[54] **REDUCTION CATALYTIQUE DE NOX AVEC DES CATALYSEURS A ACTIVITE ELEVEE AVEC UN REDUCTEUR PROPYLENE**
[72] DANDEKAR, AJIT B., US
[72] SOCHA, RICHARD F., US
[72] ECKES, RICHARD L., US
[72] WALDRUP, S. BEAU, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-12-31
[86] 2013-07-23 (PCT/US2013/051638)
[87] (WO2014/025528)
[30] US (61/681,260) 2012-08-09

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[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **TRANSFERRING A STATE OF AN APPLICATION FROM A FIRST COMPUTING DEVICE TO A SECOND COMPUTING DEVICE**
[54] **TRANSFERT D'UN ETAT D'UNE APPLICATION D'UN PREMIER DISPOSITIF INFORMATIQUE A UN SECOND DISPOSITIF INFORMATIQUE**
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] WUELLNER, TROND THOMAS, US
[72] STEFANOV, HRISTO STEFANOV, US
[73] GOOGLE LLC, US
[85] 2015-01-29
[86] 2013-05-07 (PCT/US2013/039838)
[87] (WO2014/021967)
[30] US (13/562,209) 2012-07-30

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[13] C
[51] **Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01)**
[25] EN
[54] **CEILING CLAMP FOR RECESSED LIGHT MOUNTING**
[54] **PINCE DE PLAFOND POUR ECLAIRAGE ENCASTRE**
[72] CLARK, STEPHEN HOWARD, US
[73] ABL IP HOLDING LLC, US
[86] (2880577)
[87] (2880577)
[22] 2015-01-28
[30] US (61/934,936) 2014-02-03
[30] US (14/605,258) 2015-01-26

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[13] C
[51] **Int.Cl. C07C 215/76 (2006.01) C07C 68/00 (2006.01) C07C 201/14 (2006.01) C07C 213/02 (2006.01) C07D 215/56 (2006.01)**
[25] EN
[54] **MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS**
[54] **MODULATEURS DE TRANSPORTEURS DE CASSETTE DE LIAISON A L'ATP**
[72] HADIDA-RUAH, SARA S., US
[72] HAZLEWOOD, ANNA R., US
[72] GROOTENHUIS, PETER D. J., US
[72] VAN GOOR, FREDRICK F., US
[72] SINGH, ASHVANI K., US
[72] ZHOU, JINGLAN, US
[72] MCCARTNEY, JASON, US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
[86] (2881078)
[87] (2881078)
[22] 2005-06-24
[62] 2,571,949
[30] US (60/582,676) 2004-06-24
[30] US (60/630,127) 2004-11-22
[30] US (60/635,674) 2004-12-13
[30] US (60/658,219) 2005-03-03
[30] US (60/661,311) 2005-03-11

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[13] C
[51] **Int.Cl. F25J 1/00 (2006.01) B63B 35/00 (2006.01)**
[25] EN
[54] **AIR-COOLED MODULAR LNG PRODUCTION FACILITY**
[54] **INSTALLATION DE PRODUCTION DE GAZ NATUREL LIQUEFIE D'UN MODULAIRE REFROIDI A L'AIR**
[72] BYFIELD, GEOFFREY BRIAN, AU
[73] WOODSIDE ENERGY TECHNOLOGIES PTY LTD, AU
[85] 2015-02-12
[86] 2014-03-27 (PCT/AU2014/000328)
[87] (WO2014/153612)
[30] AU (AU2013901044) 2013-03-27

[11] **2,882,961**
[13] C
[51] **Int.Cl. F04D 29/42 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **ACCESSIBLE BLOWER ASSEMBLY, BLOWER SLIDER ASSEMBLY, AND METHODS**
[54] **ENSEMBLE SOUFFLANTE ACCESSIBLE, ENSEMBLE COULISSEAU DE SOUFFLANTE ET PROCEDES ASSOCIES**
[72] LOCKER, TODD ROBERT, JR., US
[72] RIGGLE, MATTHEW W., US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-02-25
[86] 2013-08-13 (PCT/US2013/054662)
[87] (WO2014/035661)
[30] US (61/693,511) 2012-08-27
[30] US (13/906,910) 2013-05-31

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[13] C
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/12 (2006.01)**
[25] EN
[54] **SPLIT RESISTANT COMPOSITE LAMINATE**
[54] **STRATIFIE COMPOSITE RESISTANT AUX FISSURES**
[72] WOODARD, PATRICK, US
[72] KISMARTON, MAX, US
[72] ANDREWS, FRANCIS E., US
[73] THE BOEING COMPANY, US
[85] 2015-03-02
[86] 2013-12-02 (PCT/US2013/072662)
[87] (WO2014/088962)
[30] US (13/692,424) 2012-12-03

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[13] C
[51] **Int.Cl. E01H 5/02 (2006.01) E01H 5/10 (2006.01)**
[25] EN
[54] **ELECTRIC SNOW PUSHER**
[54] **APPAREIL ELECTRIQUE POUSSANT LA NEIGE**
[72] GELLE, ABDUL, CA
[73] GELLE, ABDUL, CA
[86] (2885364)
[87] (2885364)
[22] 2015-03-18

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[11] **2,886,528**
[13] C
[51] **Int.Cl. G08B 13/24 (2006.01) E05G 1/00 (2006.01) G07D 11/00 (2006.01) G08B 21/18 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CASHBOX SECURITY AND MONITORING**
[54] **METHODE ET SYSTEME DE SECURITE ET SURVEILLANCE DE CAISSE**
[72] BARNES, SHARON ANN IRMA, US
[72] BROOKS, MARTY CHARLES, US
[72] KACHEMOV, ANGELO DAVID, US
[73] TRAPEZE SOFTWARE ULC, CA
[86] (2886528)
[87] (2886528)
[22] 2015-03-30

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[11] **2,887,232**
[13] C
[51] **Int.Cl. A41B 9/14 (2006.01)**
[25] EN
[54] **SHIRT RETAINING WASTEBAND FOR UNDERGARMENT**
[54] **BANDE DE TAILLE DE MAINTIEN DE CHEMISE POUR SOUS-VETEMENT**
[72] ESSERY, ZACHARIAH C., CA
[73] ESSERY, ZACHARIAH C., CA
[86] (2887232)
[87] (2887232)
[22] 2015-04-09

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04N 21/24 (2011.01)**
[25] EN
[54] **PLAYBACK STALL AVOIDANCE IN ADAPTIVE MEDIA STREAMING**
[54] **SOLUTION POUR EMPECHER UN ARRET DE LA LECTURE PENDANT UNE TRANSMISSION MULTIMEDIA EN CONTINU ADAPTATIVE**
[72] HURST, MARK B., US
[72] MUHLESTEIN, HERRICK, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2015-04-14
[86] 2014-03-13 (PCT/US2014/026391)
[87] (WO2014/143631)
[30] US (13/843,411) 2013-03-15

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[13] C
[51] **Int.Cl. A47C 31/12 (2006.01) A47C 27/08 (2006.01) A61G 7/057 (2006.01)**
[25] EN
[54] **CUSHION IMMERSION SENSOR**
[54] **CAPTEUR D'IMMERSION DE COUSSIN**
[72] DARNOLD, LEANE, US
[72] CHANEY, THOMAS JOHN, US
[72] FOURNIE, GLENN G., US
[72] MEIER, KEVIN C., US
[72] PEYTON, ROSS P., US
[73] ROHO, INC., US
[85] 2015-04-16
[86] 2014-11-18 (PCT/US2014/066181)
[87] (WO2015/116304)
[30] US (61/933,021) 2014-01-29

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[11] **2,888,859**
[13] C
[51] **Int.Cl. B60K 26/00 (2006.01) B60R 16/023 (2006.01)**
[25] EN
[54] **ELECTRONIC SWITCHING MODULE FOR MULTIPLE VEHICLE CONTROLS**
[54] **MODULE DE COMMUTATION ELECTRONIQUE POUR COMMANDES DE VEHICULE MULTIPLES**
[72] HALL, BRANDON, US
[72] MOORE, HOWARD, US
[73] FONTAINE MODIFICATION COMPANY, US
[86] (2888859)
[87] (2888859)
[22] 2015-04-24
[30] US (61/983,611) 2014-04-24

[11] **2,889,157**
[13] C
[51] **Int.Cl. G01K 11/12 (2006.01) G01K 11/32 (2006.01)**
[25] EN
[54] **TEMPERATURE MEASUREMENT SYSTEM AND ABNORMALITY DETECTION METHOD**
[54] **SYSTEME DE MESURE DE TEMPERATURE ET PROCEDE DE DETECTION D'ANOMALIES**
[72] UNO, KAZUSHI, JP
[72] TAKEI, FUMIO, JP
[72] KASAJIMA, TAKEO, JP
[72] TADAKI, KYOKO, JP
[72] ISHINABE, MINORU, JP
[73] FUJITSU LIMITED, JP
[85] 2015-04-22
[86] 2012-10-26 (PCT/JP2012/077782)
[87] (WO2014/064845)

[11] **2,889,180**
[13] C
[51] **Int.Cl. F16L 19/025 (2006.01) F16L 15/00 (2006.01) F17D 3/00 (2006.01)**
[25] EN
[54] **CONNECTING APPARATUS FOR CREATING A CONNECTION BETWEEN A MEASURING INSTRUMENT/VALVE BLOCK AND A PIPELINE**
[54] **DISPOSITIF DE RACCORDEMENT PERMETTANT DE CREER UN RACCORD ENTRE UN INSTRUMENT DE MESURE/BLOC VANNE ET UN PIPELINE**
[72] KELLER, STEFAN, DE
[72] HAFFNER, MARKUS, DE
[73] ARMATURENFABRIK FRANZ SCHNEIDER GMBH + CO. KG, DE
[86] (2889180)
[87] (2889180)
[22] 2015-04-23
[30] DE (10 2014 005 783.6) 2014-04-23

[11] **2,892,191**
[13] C
[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE MANHOLE COVER**
[54] **PLAQUE D'EGOUT REGLABLE**
[72] KOOP, BENJAMIN, CA
[73] 1128653 ONTARIO LTD., CA
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[73] SHANGHAI ONE TOP CORPORATION, CN
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[54] **PROCEDES ET DISPOSITIFS POUR AJOUTER UN NOUVEAU MEMBRE A UN GROUPE PAR L'INTERMEDIAIRE D'UN BALAYAGE DE CODE A BARRES**
[72] ZHANG, XIAOLONG, CN
[72] GUAN, ZHENAN, CN
[72] LIN, YINGXIA, CN
[72] LI, KEREN, CN
[72] ZENG, MING, CN
[72] HUANG, TIANQING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[72] HOWARD, EMILY LOUISE, US
[72] LAUGHLIN, BRIAN DALE, US
[72] HOWE, WAYNE RICHARD, US
[73] THE BOEING COMPANY, US
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[72] DARDEN, EDWIN S., US
[72] MODENA, TRISTAN, US
[73] VANS, INC., US
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[73] VISOPTICAL, LLC, US
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[54] **CENTREUR**
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[72] DUFRENE, PHILIP E., US
[72] MARTIN, BEAU H., US
[72] KIESS, CHRISTIAN, DE
[72] HELMS, MARTIN, DE
[72] KYZAR, ADAM, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **RACCORD RAPIDE AYANT UN MECANISME DE RETENUE A REMISE EN ETAT INITIAL AUTOMATIQUE**
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[73] GATES CORPORATION, US
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[54] **PROCEDE ET SYSTEME DE RECONNAISSANCE DE COMMANDES VOCALES**
[72] YUE, SHUAI, CN
[72] LU, LI, CN
[72] ZHANG, XIANG, CN
[72] XIE, DADONG, CN
[72] LIU, HAIBO, CN
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[54] **ENCEINTE POUR BATTERIES RECHARGEABLES**
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[72] CARLO, AL R., US
[72] AMORT, ALAN D., US
[72] LEWINSKI, DANIEL F., US
[72] MURRAY, DANIEL J., US
[72] MABEN, DOUGLAS D., US
[72] AYUBI, HARRY H., US
[72] MCKENZIE, HOWARD E., US
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[72] CALLAHAN, KEVIN S., US
[72] TRENT, MICHAEL L., US
[72] MALIK, MOHAMMAD M., US
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[54] **SERVICES CRYPTOGRAPHIQUES PRIVILEGIES DANS UN ENVIRONNEMENT VIRTUALISE**
[72] ROTH, GREGORY BRANCHEK, US
[72] POTLAPALLY, NACHIKETH RAO, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **APPAREIL ET PROCEDE POUR GENERER UN SIGNAL AMELIORE EN FREQUENCE A L'AIDE D'UNE OPERATION DE LIMITATION D'ENERGIE**
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MULTRUS, MARKUS, DE
[72] SCHMIDT, KONSTANTIN, DE
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[54] **METHOD FOR INSTALLING MULTIPLE SENSORS IN COILED TUBING**
[54] **PROCEDE D'INSTALLATION D'UNE PLURALITE DE CAPTEURS DANS UN TUBE SPIRALE**
[72] JAASKELAINEN, MIKKO, US
[72] DIXSON, KENNETH GLENN, US
[72] PARK, BRIAN V., US
[72] MICHAELIS, MAXIMO GUSTAVO, US
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[54] **ENSEMBLE PAROI ET ETAGERES REPOSITIONNABLE**
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[72] SMED, MOGENS F., CA
[73] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[54] **METHOD OF TESTING MECHANICAL PROPERTIES OF AN EARTH FORMATION**
[54] **METHODE DE MISES A L'EPREUVE DES PROPRIETES MECANIQUES D'UNE FORMATION TERRESTRE**
[72] GLEITMAN, DANIEL D., US
[72] LI, GANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **EXPANDABLE INTERBODY FUSION DEVICE WITH GRAFT CHAMBERS**
[54] **DISPOSITIF DE FUSION INTERVERTEBRAL EXTENSIBLE AYANT DES CHAMBRES DE GREFFE**
[72] MCLEAN, SCOTT, US
[72] PINTO, FABIO AMARAL, US
[72] BARREIRO, PETER, US
[72] BOISVERT, DAVID, US
[73] SPINE WAVE, INC., US
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[54] **POMPE A PALETTES AYANT DE MULTIPLES CHAMBRES DE COMMANDE**
[72] WILLIAMSON, MATTHEW, CA
[72] SHULVER, DAVID R., CA
[72] TANASUCA, CEZAR, CA
[73] MAGNA POWERTRAIN INC., CA
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[54] **IRRIGATEUR ORAL A MODE DE MASSAGE**
[72] LUETTGEN, HAROLD A., US
[72] HASZIER, GORDON, US
[72] TAYLOR, KURT M., US
[73] WATER PIK, INC., US
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[54] **FILTRAGE SOCIAL D'INTERFACE UTILISATEUR**
[72] ST. CLAIR, LUKE, US
[73] FACEBOOK, INC., US
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[72] HAFNER, RODERICK PETER, GB
[72] SHELDRAKE, COLIN DAVID, GB
[73] OPTINOSE AS, NO
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[54] **METHOD OF STABILIZING A LASER APPARATUS WITH WAVELENGTH CONVERTER**
[54] **PROCEDE DE STABILISATION D'UN APPAREIL LASER AU MOYEN D'UN CONVERTISSEUR DE LONGUEUR D'ONDE**
[72] JENSEN, OLE BJARLIN, DK
[72] ANDERSEN, PETER ESKIL, DK
[72] PETERSEN, PAUL MICHAEL, DK
[72] MULLER, ANDRE, DK
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[54] **SYSTEME DE TOURELLES A VERROUILLAGE MUTUEL**
[72] PORTER, JOHN, US
[72] PETERSON, JACK, US
[72] PETERSON, MICHAEL, US
[73] HUSKEMAW OPTICS, LLC, US
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[54] **DIFFUSION D'ALERTE A DES DISPOSITIFS DE COMMUNICATION NON CONFIGURES**
[72] ABU-HAKIMA, SUHAYYA, CA
[72] PISKORZ, OSKAR, CA
[72] CHRISTIE, COLIN, CA
[72] MCFARLAND, CONNIE, CA
[72] GUEVREMONT, VINCE, CA
[72] GRIGG, KENNETH E., CA
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[54] **PROCEDE DE TRAITEMENT D'UN PUITS A TEMPERATURE ELEVEE PAR UN FLUIDE CONTENANT UN AMELIORANT D'INDICE DE VISCOSITE ET UN ENSEMBLE DE STABILISANTS**
[72] SURYAWANSHI, PRERANA U., IN
[72] DANAIT, ACHALA V., IN
[72] KALGAONKAR, RAJENDRA A., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **REGULATEUR DE PRESSION DE GAZ ET METHODE DESTINEE A UNE VEILLEUSE D'ALLUMAGE DE REGULATEUR DE PRESSION**
[72] IMBOCCIOLI, CLAUDIO, IT
[72] BERNARDI, MICHELE, IT
[73] PIETRO FIORENTINI SPA, IT
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[72] MARQUARDT, CRAIG EUGENE, US
[72] MCCANLESS, FORREST STARNES, US
[72] CHEN, JIE, US
[72] HARVEY, JOHN BRYAN, US
[72] WU, YINAN, US
[72] WEISS, DANIEL AARON, US
[73] ABL IP HOLDING LLC, US
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[72] BELANGER, CLAUDE, CA
[73] BELANGER, CLAUDE, CA
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[54] **HYDROPYROLYSE DE BIOMASSE POUR LA PRODUCTION DE COMBUSTIBLES LIQUIDES DE GRANDE QUALITE**
[72] MARKER, TERRY L., US
[72] FELIX, LARRY G., US
[72] LINCK, MARTIN B., US
[73] GAS TECHNOLOGY INSTITUTE, US
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[54] **ELEMENT DE FIXATION ET DE SUSPENSION COMBINE**
[72] BAUMLER, DUANE C., US
[72] THEISMANN, MARK A., US
[73] INFASTECH INTELLECTUAL PROPERTIES PTE. LTD., SG
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[54] **GICLEUR HORS SOL**
[72] LO, SHUN-NAN, TW
[73] YUAN-MEI CORP., CN
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[54] **COMPOSES PHOTOCHROMIQUES**
[72] HE, MENG, US
[72] DABIDEEN, DARRIN R., US
[72] KUMAR, ANIL, US
[72] KELLAR, TERRY A., II, US
[73] TRANSITIONS OPTICAL, INC., US
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[54] **DECALAGE D'EMPLACEMENT DE FLUX MULTIMEDIA ADAPTATIFS**
[72] MAJOR, DARREN, US
[72] HURST, MARK B., US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[25] EN
[54] **CROSS-LINKERS FOR THE PREPARATION OF A NEW FAMILY OF SINGLE ION CONDUCTION POLYMERS FOR ELECTROCHEMICAL DEVICES AND SUCH POLYMERS**
[54] **RETICULEURS DESTINES A LA PREPARATION D'UNE NOUVELLE FAMILLE DE POLYMERES CONDUCTEURS IONIQUES SIMPLES DESTINEE A DES DISPOSITIFS ELECTROCHIMIQUES ET TELS POLYMERES**
[72] GONZALEZ MARTINEZ, JOSE ANTONIO, CH
[72] TRINCADO RODRIGUEZ-PICK, MONICA, CH
[72] GRUTZMACHER, HANSJORG FRIEDRICH, CH
[73] BELENOS CLEAN POWER HOLDING AG, CH
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[54] **SYSTEME DE COGENERATION ET PROCEDE POUR DETERMINER S'IL FAUT OU NON UTILISER UNE COGENERATION**
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[73] PAC, LLC, US
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[54] **SYSTEMES ET METHODES D'USINAGE AU LASER**
[72] CHEN, HONGQIANG, US
[72] HAYASHI, STEVEN ROBERT, US
[72] ZHANG, XI, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **ENVIRONMENT CONTROL DEVICE (ECD) AND METHOD FOR CONFIGURING THE ECD TO OPERATE A WI-FI COMMUNICATION INTERFACE**
[54] **DISPOSITIF DE CONTROLE D'ENVIRONNEMENT (DCE) ET METHODE DE CONFIGURATION DU DCE EN VUE DE FAIRE FONCTIONNER UNE INTERFACE DE COMMUNICATION WI-FI**
[72] BRETON, DANNY, CA
[72] GERVAIS, FRANCOIS, CA
[73] DISTECH CONTROLS INC, CA
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[54] **SYSTEMES D'ENVOI SANS FIL INTELLIGENTS**
[72] ROBERTS, RALPH L., SR., US
[72] DECK, CHRIS, US
[72] VANCE, DAVID MARK, US
[72] EARLEY, BRIAN, US
[72] CRANDALL, STEVE, US
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[54] **ACTIVATION OF SET-DELAYED CEMENT COMPOSITIONS BY RETARDER EXCHANGE**
[54] **ACTIVATION DE COMPOSITIONS DE CIMENTS A PRISE RALENTIE PAR ECHANGE DE RETARDATEUR DE PRISE**
[72] BOUL, PETER JAMES, US
[72] PANG, XUEYU, US
[72] BOONTHEUNG, PINMANEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYNERGISTIC STAIN REMOVAL THROUGH NOVEL CHELATOR COMBINATION**
[54] **DETACHAGE SYNERGIQUE GRACE A UNE NOUVELLE COMBINAISON DE CHELATEURS**
[72] FOSTER, TOBIAS, DE
[72] GOHL, DAVID, US
[72] KLOSE, SVEN, DE
[72] KULLWITZ, DIRK, DE
[72] MANSERGH, JOHN, US
[72] MEIER, TIMOTHY, US
[72] PATHICHERIL, BEANA, DE
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[54] **PYMIRIDINES SUBSTITUEES EN 5,6, INHIBITRICES DU VIH**
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] MORDANT, CELINE ISABELLE, FR
[72] SCHMITT, BENOIT ANTOINE, FR
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[54] **METHOD OF MANUFACTURING A THERMOSET POLYMER UTILITY VAULT LID**
[54] **METHODE DE FABRICATION D'UN COUVERCLE DE VOUTE UTILITAIRE EN POLYMERE THERMOFIXE**
[72] BURKE, EDWARD J., US
[72] ATKINS, THOMAS, US
[72] BEACH, BRIAN ANTHONY, US
[72] GWILLIM, ROBERT, US
[72] NEATE, JOHN A., US
[73] CHANNELL COMMERCIAL CORPORATION, US
[73] PRC COMPOSITES, LLC, US
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[54] **ETHANOL FERMENTATION METHOD WITH SURFACTANT IMPROVEMENT**
[54] **PROCEDE DE FERMENTATION D'ETHANOL A AMELIORATION DU TENSIOACTIF**
[72] ZHANG, ZONGCHAO, CN
[72] LIU, XIUMEI, CN
[73] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN
[85] 2016-03-10
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[54] **BAGGAGE CONVEYANCE TRAY**
[54] **PLATEAU DE TRANSPORT DE BAGAGES**
[72] FUJIO, YOSHIHIKO, JP
[72] ISOMURA, TAKUYA, JP
[73] DAIFUKU CO., LTD., JP
[85] 2016-03-14
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[54] **BROYEUR A HERBES**
[72] SHALOM, ELAD, IL
[73] SHALOM, ELAD, IL
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[25] EN
[54] **METHOD AND SYSTEM FOR SEPARATING A FEED STREAM WITH A FEED STREAM DISTRIBUTION MECHANISM**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SEPARER UN COURANT D'ALIMENTATION AVEC UN MECANISME DE DISTRIBUTION DE COURANT D'ALIMENTATION**
[72] VALENCIA, JAIME A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **METHODS OF MEASURING THE FOULING TENDENCY OF HYDROCARBON FLUIDS**
[54] **PROCEDES DE MESURE DE TENDANCE A L'ENCRASSEMENT DE FLUIDES HYDROCARBURES**
[72] RESPINI, MARCO, IT
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-22
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[54] **FUEL CELL SEPARATOR AND MANUFACTURING METHOD OF FUEL CELL SEPARATOR**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE ET METHODE DE FABRICATION D'UN SEPARATEUR DE PILE A COMBUSTIBLE**
[72] KOIZUMI, MASAFUMI, JP
[72] IKEDA, KOTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2925498)
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[54] **MACHINE SUSPENSION AND HEIGHT ADJUSTMENT**
[54] **SUSPENSION DE VEHICULE AVEC REGLAGE DE HAUTEUR**
[72] SLAWSON, JAMES, US
[73] AGCO COPORATION, US
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[54] **CENTRE DE CONTROLE DE DEBIT**
[72] KAMINSKI, MICHAEL A., CA
[73] KAMINSKI, MICHAEL A., CA
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[54] **PYRROLO[1,2-F][1,2,4]TRIAZINES USEFUL FOR TREATING RESPIRATORY SYNCITIAL VIRUS INFECTIONS**
[54] **PYRROLO [1,2,F] [1,2,4] TRIAZINES UTILES POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] DOERFFLER, EDWARD, US
[72] MACKMAN, RICHARD L., US
[72] SIEGEL, DUSTIN, US
[73] GILEAD SCIENCES, INC., US
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[54] **APPARATUS AND METHOD FOR A STRUCTURALLY RESILIENT PACKAGE**
[54] **APPAREIL ET PROCEDE POUR UN EMBALLAGE A STRUCTURE RESILIENTE**
[72] BIERSCHENK, PATRICK JOSEPH, US
[72] BRENKUS, FRANK MATHEW, US
[72] GUST, RONALD M., US
[72] KRAUSE, LEON J., US
[72] NAIR, SUNITHA, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[73] DOUGLAS MACHINE INC., US
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[54] **A DECKLE BOARD SYSTEM WITH A BOUNDARY LAYER SHOWER AND METHOD**
[54] **UN SYSTEME DE REGLETTE DE BORDURE DOTE D'UNE DOUCHE DE COUCHE LIMITE ET METHODE**
[72] FAUFAU, JAMES, US
[73] IBS OF AMERICA, US
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[54] **APPAREIL D'ECLAIRAGE A DEL**
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[72] KANG, BYUNG-JU, KR
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[73] KMW INC., KR
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[54] **LISTE BLANCHE DISTRIBUEE POUR RENOUVELLEMENT DE LA SECURITE**
[72] CANDELORE, BRANT, US
[72] CLIFT, GRAHAM, US
[72] RICHMAN, STEVEN, US
[73] SONY CORPORATION, JP
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[54] **APPARATUS AND METHOD FOR DECODING AN ENCODED AUDIO SIGNAL WITH LOW COMPUTATIONAL RESOURCES**
[54] **APPAREIL ET PROCEDE DE DECODAGE D'UN SIGNAL AUDIO ENCODE AVEC DE FAIBLES RESSOURCES DE CALCUL**
[72] NIEDERMEIER, ANDREAS, DE
[72] WILDE, STEPHAN, DE
[72] FISCHER, DANIEL, DE
[72] HILDENBRAND, MATTHIAS, DE
[72] GAYER, MARC, DE
[72] NEUENDORF, MAX, DE
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[54] **METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE MESURE POLYVALENTE**
[72] RAMASWAMY, ARUN, US
[72] CONKLIN, CHARLES, US
[72] OLMSTEAD, WAYNE A., US
[72] JOHNSON, KARIN, US
[72] MARTENSEN, FRED, US
[72] NELSON, DANIEL, US
[72] TOPCHY, ALEXANDER, US
[72] MEARS, PAUL, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[25] EN
[54] **COORDINATION OF SELF-OPTIMIZATION OPERATIONS IN A SELF ORGANIZING NETWORK**
[54] **COORDINATION D'OPERATIONS D'AUTO-OPTIMISATION DANS UN RESEAU AUTO-ORGAN SABLE**
[72] CHOU, JOEY, US
[72] VENKATACHALAM, MUTHAIAH, US
[73] INTEL CORPORATION, US
[86] (2932387)
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[54] **METHOD AND SYSTEM FOR SPLIT-HASHED PAYMENT ACCOUNT PROCESSING**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE COMPTE DE PAIEMENT DIVISE HACHE**
[72] GUINEY, CHRISTOPHER A., US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-06-03
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[54] **INTERNET PREFERENCE LEARNING FACILITY**
[54] **INSTALLATION D'APPRENTISSAGE DE PREFERENCES INTERNET**
[72] PINCKNEY, THOMAS, US
[72] DIXON, CHRISTOPHER, US
[72] GATTIS, MATTHEW R., US
[73] EBAY INC., US
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[54] **LOCKING DEVICE AND LOCKING METHOD FOR THE TOOL HOLDER OF A DRILLING SYSTEM**
[54] **DISPOSITIF ET PROCEDE DE VERROUILLAGE POUR PORTE-OUTIL D'UNE INSTALLATION DE FORAGE ROTATIF**
[72] LEFFER, MICHAEL, DE
[72] SCHMITT, EWALD, FR
[73] STAHL- UND APPARATEBAU HANS LEFFER GMBH & CO. KG, DE
[85] 2016-06-22
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[51] **Int.Cl. E21B 43/18 (2006.01) E21B 33/124 (2006.01) E21B 43/26 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **METHOD TO PROGRESIVELLY SWEEP AND RECOVER OIL FROM AN UNDERGROUND FORMATION**
[54] **METHODE DE BALAYAGE ET RECUPERATION PROGRESSIVE DE PETROLE D'UNE FORMATION SOUTERRAINE**
[72] AYASSE, CONRAD, CA
[73] IOR CANADA LTD., CA
[86] (2934651)
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[25] EN
[54] **DRUG DOSING DEVICE AND METHOD FOR DOSAGE METERING AND CONTROL**
[54] **DISPOSITIF DE DOSAGE DE MEDICAMENT ET PROCEDE DE REGULATION ET MESURE DE DOSAGE**
[72] LI, SHENGXIAN, CN
[73] BEIJING UNITY BENEFICIAL TECHNOLOGY CO., LTD, CN
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[54] **INTEGRAL OIL TANK HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE INTEGRE A UN RESERVOIR D'HUILE**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] STEWART, LONNIE RAY, JR., US
[73] UNISON INDUSTRIES, LLC, US
[86] (2936632)
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[22] 2016-07-20
[30] US (62/195,065) 2015-07-21
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[25] EN
[54] **RAIL AND METHOD FOR MANUFACTURING SAME**
[54] **RAIL ET PROCEDE POUR LE FABRIQUER**
[72] KIMURA, TATSUMI, JP
[72] TAKASHIMA, YUKIO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2016-07-13
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[25] EN
[54] **MAGNETIC STIMULATION COILS AND FERROMAGNETIC COMPONENTS FOR REDUCED SURFACE STIMULATION AND IMPROVED TREATMENT DEPTH**
[54] **BOBINES DE STIMULATION MAGNETIQUE ET COMPOSANTS FERROMAGNETIQUES POUR UNE STIMULATION DE SURFACES REDUITE ET UNE PROFONDEUR DE TRAITEMENT AMELIOREE**
[72] GHIRON, KENNETH MARC, US
[72] RIEHL, MARK EDWARD, US
[72] SHIPWAY, IAN MAXWELL, US
[73] NEURONETICS, INC., US
[85] 2016-07-15
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[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01)**
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[54] **APPAREIL D'INJECTION**
[72] KEITEL, JOACHIM, DE
[73] HASELMEIER AG, CH
[85] 2016-07-27
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[72] MARTIN, FIONNA MITCHELL, US
[73] ELI LILLY AND COMPANY, US
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[54] **BLIND FASTENERS**
[54] **DISPOSITIFS DE FIXATION BORGNES**
[72] HUFNAGL, GERHART, US
[72] DESALVO, DOUGLAS, US
[72] TORRENCE, RANDY, US
[73] ARCONIC INC., US
[85] 2016-08-03
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[54] **INJECTION DEVICE**
[54] **APPAREIL D'INJECTION**
[72] KEITEL, JOACHIM, DE
[73] HASELMEIER AG, CH
[85] 2016-08-04
[86] 2015-01-31 (PCT/EP2015/000184)
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[25] EN
[54] **HIGH-STRENGTH ALPHA-BETA TITANIUM ALLOY**
[54] **ALLIAGE DE TITANE ALPHA-BETA A HAUTE RESISTANCE**
[72] THOMAS, ROGER, GB
[72] GARRATT, PAUL, GB
[72] THOMAS, MATTHEW, GB
[72] KOSAKA, YOJI, US
[73] TITANIUM METALS CORPORATION, US
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[25] EN
[54] **CONTAINER HAVING SELF-CONTAINED HEATER MATERIAL**
[54] **CONTENANT PRESENTANT UN MATERIAU CHAUFFANT AUTONOME**
[72] HUFFER, SCOTT WILLIAM, US
[72] LAUBACH, ADAM, US
[72] MARQUEZ, DARKO, US
[72] PEDICINI, CHRISTOPHER S., US
[73] SONOCO DEVELOPMENT, INC., US
[73] RECHARGEABLE BATTERY CORPORATION, D.B.A. RBC TECHNOLOGIES, US
[85] 2016-08-04
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[54] **CONCEPT FOR ENCODING OF INFORMATION**
[54] **CONCEPT DESTINE AU CODAGE D'INFORMATIONS**
[72] BAECKSTROEM, TOM, DE
[72] FISCHER PEDERSEN, CHRISTIAN, DE
[72] FISCHER, JOHANNES, DE
[72] HUETTENBERGER, MATTHIAS, DE
[72] PINO, ALFONSO, DE
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[54] **HETEROCYCLYL-SUBSTITUTED CYCLOHEXYLMETHANESULFONAMIDES**
[54] **CYCLOHEXYLMETHANESULFONAMIDES HETEROCYCLYLES SUBSTITUES**
[72] GAUVRY, NOELLE, CH
[72] TAHTAOUI, CHOUAIB, CH
[72] FURET, PASCAL, CH
[72] DUCRAY, PIERRE, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
[85] 2016-08-19
[86] 2015-03-25 (PCT/EP2015/056430)
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[54] **RETRACTABLE TAPE MEASURE AND SECURING SAME**
[54] **RUBAN A MESURER RETRACTABLE ET FIXATION DUDIT RUBAN**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[73] SEARS BRANDS, LLC, US
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[25] EN
[54] **METHOD AND DEVICE FOR GUIDING A TOOL**
[54] **PROCEDE ET DISPOSITIF DE GUIDAGE D'UN OUTIL**
[72] SCHELLHEIMER, TOBIAS, DE
[72] SCHWARZLER, HANS-PETER, DE
[73] HOCHLAND SE, DE
[85] 2016-08-25
[86] 2015-02-12 (PCT/EP2015/052958)
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[25] EN
[54] **CONSTRUCTION MACHINE CONTROL SYSTEM, CONSTRUCTION MACHINE, CONSTRUCTION MACHINE MANAGEMENT SYSTEM, AND CONSTRUCTION MACHINE CONTROL METHOD AND PROGRAM**
[54] **SYSTEME DE COMMANDE POUR ENGIN DE CHANTIER, ENGIN DE CHANTIER, SYSTEME DE GESTION POUR ENGIN DE CHANTIER, ET PROCEDE ET PROGRAMME DE COMMANDE POUR ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] RYUMAN, MITSUHIRO, JP
[72] TOJIMA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[73] KOMATSU LTD., JP
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[54] **EJECTOR ARRANGEMENT**
[54] **AGENCEMENT D'EJECTEUR**
[72] BIRKELUND, MICHAEL, DK
[73] DANFOSS A/S, DK
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[54] **POWER GENERATING SYSTEM USING LOW QUALITY COAL**
[54] **SYSTEME DE PRODUCTION D'ELECTRICITE A L'AIDE DE CHARBON DE FAIBLE QUALITE**
[72] YONEKAWA, TAKAHITO, US
[72] HONJO, SHINTARO, US
[72] SUSAKI, MAKOTO, US
[73] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
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[54] **GENERATEUR DE SONS MUSICAUX**
[72] O'DALY, LIAM BRYAN, NZ
[73] ELBY INNOVATION LIMITED, NZ
[85] 2016-09-07
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[54] **MULTI-ADAPTOR VEHICLE TRACKER CONTROLLER AND ASSOCIATED METHODS**
[54] **CONTROLEUR DE SUIVI DE VEHICULE MULTI ADAPTATEUR ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
[73] OMEGA PATENTS, L.L.C., US
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[54] **WORK MACHINE CONTROL SYSTEM, WORK MACHINE, AND WORK MACHINE MANAGEMENT SYSTEM**
[54] **MECANISME DE CONTROLE D'UNE MACHINE DE TRAVAIL, MACHINE DE TRAVAIL ET SYSTEME DE GESTION D'UNE MACHINE DE TRAVAIL**
[72] SAKAI, ATSUSHI, JP
[72] MINAGAWA, MASANORI, JP
[72] TANAKA, DAISUKE, JP
[72] RYUMAN, MITSUHIRO, JP
[72] KADONO, YOSUKE, JP
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[54] **TOURELLEAU OPTRONIQUE ARME**
[72] BOEHM, BERNARD, FR
[72] SICRE, JEAN-PAUL, FR
[72] CURLIER, PATRICK, FR
[73] SAFRAN ELECTRONICS & DEFENSE, FR
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[25] EN
[54] **METHOD AND FACILITY FOR FILLING TRAVELING EGG TRAYS**
[54] **METHODE ET INSTALLATION DE REMPLISSAGE DE PLATEAUX D'OEUFS EN DEPLACEMENT**
[72] ROBERT, PIERRE, FR
[72] ROBERT, FRANCK, FR
[73] ZOETIS SERVICES LLC, US
[85] 2016-09-23
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[54] **SADDLE RIDING TYPE VEHICLE WITH TWO FRONT WHEELS AND LOCKABLE LINKAGE**
[54] **VEHICULE DE TYPE A SELLE EQUIPE DE DEUX ROUES ET D'UN LIEN VERROUILLABLE**
[72] SHIBUYA, YU, JP
[72] HARA, NOBUO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **HORIZONTAL-REEL TAPE MEASURE**
[54] **RUBAN A MESURER A DEVIDOIR HORIZONTAL**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[73] SEARS BRANDS, LLC, US
[86] (2944209)
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[25] EN
[54] **PAINT DISPENSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE PEINTURE**
[72] JOHNSON, JAMES J., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
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[54] **A TORNADO YOYO**
[54] **UN YOYO TORNADE**
[72] CAI, DONGQING, CN
[73] ALPHA GROUP CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
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[54] **HMGB1 ET ANTICORPS ANTI-HMGB1 POUR LE PRONOSTIC DE TROUBLES NEUROLOGIQUES**
[72] GOUGEON, MARIE-LISE, FR
[72] POIRIER-BEAUDOIN, BEATRICE, FR
[72] SEFFER, VALERIE, FR
[72] SAIDI, HELA, FR
[73] INSTITUT PASTEUR, FR
[86] (2944657)
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[54] **MINIATURE VECTOR SENSOR**
[54] **DETECTEUR DE VECTEUR MINIATURE**
[72] KEAST, ANDREW, CA
[72] BESLIN, OLIVIER, CA
[72] MALLAY, MATTHEW GERARD, CA
[73] ULTRA ELECTRONICS MARITIME SYSTEMS INC., CA
[86] (2944884)
[87] (2944884)
[22] 2016-10-12
[30] US (14/925,081) 2015-10-28

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[51] **Int.Cl. H02P 29/00 (2016.01) A01D 34/00 (2006.01) A01D 34/78 (2006.01)**
[25] EN
[54] **POWER TOOL AND CONTROL METHOD THEREOF**
[54] **OUTIL ELECTRIQUE ET METHODE DE COMMANDE ASSOCIEE**
[72] YANG, DEZHONG, CN
[72] XIAN, CHAO, CN
[72] LI, HAIYAN, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2945013)
[87] (2945013)
[22] 2016-10-12
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[25] EN
[54] **A MICROWAVE PLASMA REACTOR FOR MANUFACTURING SYNTHETIC DIAMOND MATERIAL**
[54] **REACTEUR A PLASMA A MICRO-ONDES POUR FABRIQUER UNE MATIERE DE DIAMANT SYNTHETIQUE**
[72] BRANDON, JOHN ROBERT, GB
[72] FRIEL, IAN, GB
[72] COOPER, MICHAEL ANDREW, GB
[72] SCARSBROOK, GEOFFREY ALAN, GB
[72] GREEN, BEN LLEWLYN, GB
[73] ELEMENT SIX TECHNOLOGIES LIMITED, GB
[85] 2016-10-20
[86] 2015-06-10 (PCT/EP2015/062957)
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[54] **METHOD AND DEVICE FOR TESTING A TAP CHANGER OF A TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UN COMMUTATEUR A GRADINS D'UN TRANSFORMATEUR**
[72] RADLER, MICHAEL, AT
[72] UNTERER, BORIS, AT
[73] OMICRON ELECTRONICS GMBH, AT
[85] 2016-10-25
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[54] **CYCLOALKYL-LINKED DIHETEROCYCLE DERIVATIVES**
[54] **DERIVES DE DIHETEROCYCLE LIES A CYCLOALKYLE**
[72] BURNS, AARON CRAIG, US
[72] COLLINS, MICHAEL RAYMOND, US
[72] GREASLEY, SAMANTHA ELIZABETH, US
[72] HOFFMAN, ROBERT LOUIS, US
[72] HUANG, QINHUA, US
[72] KANIA, ROBERT STEVEN, US
[72] KUNG, PEI-PEI, US
[72] LINTON, MARIA ANGELICA, US
[72] NARASIMHAN, LAKSHMI SOURIRAJAN, US
[72] RICHARDSON, PAUL FRANCIS, US
[72] RICHTER, DANIEL TYLER, US
[72] SMITH, GRAHAM, US
[73] PFIZER INC., US
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[25] EN
[54] **A NOVEL KCNQ POTASSIUM CHANNEL AGONIST, THE PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **NOUVEL AGONISTE DES CANAUX POTASSIQUES KCNQ, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] NAN, FAJUN, CN
[72] LI, MIN, CN
[72] GAO, ZHAOBING, CN
[72] ZHANG, YANGMING, CN
[72] HU, HAINING, CN
[72] XU, HAIYAN, CN
[72] LIU, HUANAN, CN
[72] PI, XIAOPING, CN
[73] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[25] EN
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[54] **SELECTION DYNAMIQUE DE PASSERELLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JURZAK, PAWEL, PL
[72] DWORAKOWSKI, WALDEMAR K., PL
[72] WARZECHA, TOMASZ MARIUSZ, PL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
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[25] EN
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[54] **DISPOSITIF DE COMMANDE DE FREIN DE LOCOMOTIVE POUVANT ETRE CONFIGURE**
[72] LEONARD, ERICH, US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2016-11-02
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[25] EN
[54] **ACTUATION OF A HAND TO BE PROVIDED ON A HUMANOID ROBOT**
[54] **ACTIONNEMENT D'UNE MAIN DESTINEE A EQUIPER UN ROBOT A CARACTERE HUMANOIDE**
[72] LAVILLE, JEREMY, FR
[72] FAUCHET, GILLES, FR
[72] DEPOST, THIBAULT, FR
[73] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-11-04
[86] 2015-05-07 (PCT/EP2015/060022)
[87] (WO2015/169886)
[30] FR (1454162) 2014-05-07

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[13] C
[51] **Int.Cl. A41F 9/02 (2006.01) A41D 1/06 (2006.01) A41D 1/14 (2006.01) A41F 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ADJUSTING GIRTH OF WAISTBAND OF PANTS OR SKIRT**
[54] **DISPOSITIF D'AJUSTEMENT DE LA CIRCONFERENCE D'UNE BANDE DE TAILLE D'UN PANTALON OU D'UNE JUPEJUPE**
[72] PARK, HAE OH, KR
[73] PARK, HAE OH, KR
[73] CNUS CO., LTD., KR
[85] 2016-12-19
[86] 2016-07-07 (PCT/KR2016/007346)
[87] (WO2017/150776)
[30] KR (10-2016-0025346) 2016-03-02

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[25] EN
[54] **OPTIMIZED SURFACTANT RATIO FOR IMPROVED RINSE FEEL**
[54] **TAUX D'AGENT TENSIOACTIF OPTIMISE POUR UNE MEILLEURE SENSATION DE RINCAGE**
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] BRAECKMAN, KARL GHISLAIN, BE
[72] VANDENBERGHE, FREDERIK CLARA P, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-15
[86] 2015-05-18 (PCT/US2015/031341)
[87] (WO2015/183611)
[30] US (62/004,855) 2014-05-29

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[25] EN
[54] **VEHICULAR AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE DE VEHICULE**
[72] IKEMURA, MASASHI, JP
[72] OTA, HIROFUMI, JP
[72] HAGINO, YASUYUKI, JP
[72] TOYODA, MITSUHIRO, JP
[72] MICHIKOSHI, YOSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2949310)
[87] (2949310)
[22] 2016-11-23
[30] JP (2015-231101) 2015-11-26

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[51] **Int.Cl. A61C 17/00 (2006.01) A61C 17/14 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **INTRAORAL DEVICE AND METHOD OF USE**
[54] **DISPOSITIF INTRA-BUCCAL ET METHODE D'UTILISATION**
[72] HIRSCH, JAMES A., US
[73] INNERLITE, INC., US
[85] 2016-11-22
[86] 2015-05-22 (PCT/US2015/032219)
[87] (WO2015/179785)
[30] US (14/285,248) 2014-05-22

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[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
[54] **SNOWTHROWER**
[54] **SOUFFLEUSE A NEIGE**
[72] FU, XIANGQING, CN
[72] YUAN, FENG, CN
[72] ZHONG, KEQIONG, CN
[72] LIU, QIAN, CN
[72] LI, LI, CN
[72] YAMAOKA, TOSHINARI, CN
[72] NIE, FANGJIE, CN
[72] CHEN, LIANG, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2950174)
[87] (2950174)
[22] 2016-11-30
[30] CN (201510854109.6) 2015-11-30
[30] CN (201510857069.0) 2015-11-30
[30] CN (201510854107.7) 2015-11-30
[30] CN (201620971610.0) 2016-08-26
[30] CN (201510857068.6) 2015-11-30
[30] CN (201520973240.X) 2015-11-30
[30] US (15/363,589) 2016-11-29

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[51] **Int.Cl. B66C 1/28 (2006.01) B66C 1/22 (2006.01) B66C 13/00 (2006.01)**
[25] EN
[54] **HOISTING FRAME FOR OVERWEIGHT LIFTING**
[54] **CADRE DE LEVAGE DESTINE AU LEVAGE DE SURPOIDS**
[72] NOOREN, PIET, US
[72] LAMBOOIJ, THOMAS, NL
[73] MAMMOET USA SOUTH, INC., US
[86] (2950684)
[87] (2950684)
[22] 2016-12-06
[30] US (62/265,577) 2015-12-10
[30] US (62/263,837) 2015-12-07

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[51] **Int.Cl. A45D 40/26 (2006.01)**
[25] EN
[54] **HEATED COSMETIC SAMPLER WITH INCORPORATED APPLICATOR**
[54] **ECHANTILLONNEUR DE PRODUITS COSMETIQUES A APPLICATEUR CHAUFFANT INTEGRE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[73] ELC MANAGEMENT LLC, US
[85] 2016-12-02
[86] 2015-06-05 (PCT/US2015/034422)
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[25] EN
[54] **CONTEXTUAL DEVICE LOCKING/UNLOCKING**
[54] **BLOCAGE ET DEBLOCAGE CONTEXTUELS DE DISPOSITIF**
[72] MATUS, JONATHAN ARIE, US
[73] FACEBOOK, INC., US
[86] (2951782)
[87] (2951782)
[22] 2013-10-23
[62] 2,903,795
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[25] EN
[54] **A MAINTENANCE STEP FOR A HELICOPTER**
[54] **UNE ETAPE DE MAINTENANCE D'UN HELICOPTERE**
[72] STEINDL, CHRISTOPH, DE
[72] STROBEL, DOMINIK, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2952490)
[87] (2952490)
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[51] **Int.Cl. G05G 1/01 (2009.01) E05B 1/00 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **RETRACTABLE SCREEN DOOR HANDLE ASSEMBLY**
[54] **ENSEMBLE DE POIGNEE DE PORTE MOUSTIQUAIRE RETRACTABLE**
[72] DEBENEDETTI, STEPHEN, US
[72] SEEVERS, JOHN, US
[73] J & S COMPANY LLC, US
[86] (2954216)
[87] (2954216)
[22] 2017-01-06
[30] US (62/275,495) 2016-01-06
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[25] EN
[54] **DENTAL SUCTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION DENTAIRE**
[72] MAYCHER, DAVID JOHN, CA
[73] MAYCHER HEALTH CARE INNOVATIONS INC., CA
[85] 2017-01-20
[86] 2015-07-21 (PCT/CA2015/050676)
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[54] **GENERATING RECOMMENDED SEARCH QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **GENERATION D'INTERROGATIONS DE RECHERCHE RECOMMANDEES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] GARG, AVICHAL, US
[72] HUA, MING, US
[72] VERNAL, MICHAEL, US
[72] QIN, YANG, US
[72] FECHETE, DAN IONUT, US
[72] XIAO, XINPAN, US
[72] HUANG, YU, US
[72] CHEN, LU D., US
[72] CHAKRADEO, SAURABH PRAFULLA, US
[72] BHATT, DHARMESH A., US
[72] HIMEL, ALEX, US
[73] FACEBOOK, INC., US
[86] (2956463)
[87] (2956463)
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[62] 2,932,053
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[54] **AN INFLATABLE CUSHION CELL WITH DIAGONAL SEAL STRUCTURE**
[54] **CELLULE DE COUSSIN GONFLABLE A STRUCTURE DE JOINT DIAGONALE**
[72] GOWDA, RAJ K., US
[73] KAP MEDICAL, US
[86] (2957100)
[87] (2957100)
[22] 2004-11-02
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[54] **KNIFE SHEATH**
[54] **PROTECTEUR DE COUTEAU**
[72] HEINE, MIKKO, FI
[72] MASALIN, PETTERI, FI
[72] SANDELIN, TEEMU, FI
[73] FISKARS FINLAND OY AB, FI
[86] (2957710)
[87] (2957710)
[22] 2017-02-09
[30] FI (20165156) 2016-02-29

[11] **2,959,092**
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[51] **Int.Cl. E05B 65/52 (2006.01)**
[25] EN
[54] **LOCK ARRANGED ON SUITCASE CAPABLE OF BEING OPENED OR CLOSED WITHOUT USING ZIPPER, AND TRAVEL SUITCASE**
[54] **VERROU DISPOSE SUR UNE VALISE POUVANT ETRE OUVERTE OU FERMEE SANS UTILISER DE FERMETURE A GLISSIERE, ET VALISE DE VOYAGE**
[72] KE, HUIZI, CN
[72] LAI, XIUXING, CN
[73] SHANGHAI DAMAO-SHINE TECHNICAL CO., LTD, CN
[85] 2017-02-23
[86] 2015-08-03 (PCT/CN2015/085919)
[87] (WO2016/029780)
[30] CN (201420493265.5) 2014-08-29
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[25] EN
[54] **NI-BASED ALLOY TUBE**
[54] **TUBE D'ALLIAGE A BASE DE NI**
[72] MASAKI, YASUHIRO, JP
[72] KANZAKI, MANABU, JP
[72] KITAMURA, KAZUYUKI, JP
[72] KINOMURA, SHOJI, JP
[72] MOMOZONO, YUMI, JP
[72] MIYAHARA, OSAMU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-29 (PCT/JP2015/077594)
[87] (WO2016/052551)
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[13] C
[51] **Int.Cl. C08H 7/00 (2011.01) C08L 97/00 (2006.01)**
[25] EN
[54] **METHODS FOR PREPARING AND COLLECTING POLYAROMATIC COMPOUNDS, AND PRODUCTS COMPRISING POLYAROMATIC COMPOUNDS**
[54] **PROCEDES DE PREPARATION ET DE COLLECTE DE COMPOSES POLYAROMATIQUES, ET PRODUITS COMPRENANT DES COMPOSES POLYAROMATIQUES**
[72] CAPANEMA, EWELLYN A., US
[72] BALAKSHIN, MIKHAIL Y., US
[72] KOSA, MATYAS, CA
[72] HARRIS, STEPHEN HERBERT, US
[73] RENMATIX, INC., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052422)
[87] (WO2016/049564)
[30] US (62/056,072) 2014-09-26
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[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES DE PREPARATION D'HYDROXYDE DE LITHIUM**
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] GENDERS, J. DAVID, US
[72] SYMONS, PETER, US
[72] MAGNAN, JEAN-FRANCOIS, CA
[73] NEMASKA LITHIUM INC., CA
[86] (2964106)
[87] (2964106)
[22] 2013-04-23
[62] 2,871,092
[30] US (61/636,869) 2012-04-23
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[51] **Int.Cl. C08F 290/14 (2006.01)**
[25] EN
[54] **ANAEROBIC CURABLE COMPOSITIONS HAVING NOVOLAC VINYL ESTERS**
[54] **COMPOSITIONS DURCISSABLES PAR VOIE ANAEROBIE CONTENANT DES VINYLESTERS DE NOVOLAQUE**
[72] O'KANE, RUAIRI, IE
[72] BERGIN, NIAMH, IE
[72] KNEAFSEY, BRENDAN, IE
[72] BIRKETT, DAVID P., IE
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2017-04-21
[86] 2015-10-16 (PCT/IB2015/002151)
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[30] GB (1418997.1) 2014-10-24

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[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/0205 (2006.01) A61B 5/026 (2006.01)**
[25] EN
[54] **A MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE**
[72] SAMUELSSON, MAGNUS, SE
[72] TULKKI, SAULI, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
[86] (2966597)
[87] (2966597)
[22] 2011-04-28
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[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **STATE DETERMINATION DEVICE AND METHOD FOR FUEL CELL**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'ETAT POUR PILE A COMBUSTIBLE**
[72] AOKI, TETSUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-05-04
[86] 2014-11-07 (PCT/JP2014/079633)
[87] (WO2016/072026)

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[51] **Int.Cl. B01D 53/02 (2006.01) B27N 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR SCAVENGING FREE FORMALDEHYDE USING MULTIFUNCTIONAL SCAVENGER FOR WOODEN COMPOSITE PRODUCTS WITH UREA-FORMALDEHYDE RESIN**
[54] **PROCEDE DE PIEGEAGE DE FORMALDEHYDE LIBRE A L'AIDE D'UN PIEGEUR MULTIFONCTION DESTINE AUX PRODUITS COMPOSITES EN BOIS COMPRENANT DE LA RESINE UREE-FORMALDEHYDE**
[72] ZHANG, YAOLIN, CA
[72] WANG, XIANG-MING, CA
[72] GAO, ZHENHUA, CN
[73] FPINNOVATIONS, CA
[85] 2017-05-11
[86] 2015-11-12 (PCT/CA2015/051167)
[87] (WO2016/074083)
[30] US (62/079,021) 2014-11-13

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[51] **Int.Cl. G01R 31/08 (2006.01) H02H 7/22 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **FAULT DETECTION AND DIRECTION DETERMINATION**
[54] **DETECTION DE DEFAUT ET DETERMINATION DE DIRECTION**
[72] ENNIS, MICHAEL, US
[72] GARDNER, ADAM, US
[72] MONTENEGRO, ALEJANDRO, US
[72] SHARON, YOAV, US
[73] S&C ELECTRIC COMPANY, US
[85] 2017-06-01
[86] 2015-12-01 (PCT/US2015/063258)
[87] (WO2016/089910)
[30] US (62/085,961) 2014-12-01
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[51] **Int.Cl. H04L 12/00 (2006.01) H04L 12/16 (2006.01)**
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[54] **MOBILE PUSH NOTIFICATION**
[54] **NOTIFICATION DE TRANSFERT MOBILE**
[72] ZADOROZNY, RICHARD KENNETH, US
[72] TALWAR, MOHIT, US
[72] POPOV, LEV, US
[72] YAO, ROSE, US
[73] FACEBOOK, INC., US
[86] (2970483)
[87] (2970483)
[22] 2013-11-04
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[25] EN
[54] **ORAL CARE PRODUCT WITH ORALLY ACCEPTABLE SULFATE IN AN ELECTRICALLY CONDUCTIVE MEDIUM**
[54] **PRODUIT DE SOINS BUCCAUX COMPORTANT UN SULFATE ACCEPTABLE ORALEMENT DANS UN MILIEU CONDUCTEUR ELECTRIQUE**
[72] JOHANSSON, PATRIK, US
[72] XU, GUOFENG, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-23
[86] 2015-12-17 (PCT/US2015/066331)
[87] (WO2016/106075)
[30] US (62/096,578) 2014-12-24

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[51] **Int.Cl. F16H 35/00 (2006.01) F16H 29/00 (2006.01) F16H 55/17 (2006.01)**
[25] EN
[54] **UNI-DIRECTIONAL DRIVE GEAR AND A GEAR TRANSMISSION DEVICE WITH THE SAME**
[54] **ENGRENAGE A ENTRAINEMENT UNIDIRECTIONNEL ET DISPOSITIF DE TRANSMISSION D'ENGRENAGE DOTE DUDIT ENGRENAGE**
[72] WANG, SHUO-YU, TW
[73] WANG, SHUO-YU, TW
[86] (2972534)
[87] (2972534)
[22] 2017-07-06
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[25] EN
[54] **ELECTRONIC DEVICE COVER**
[54] **COUVRE-DISPOSITIF ELECTRONIQUE**
[72] PARKINSON, KEVIN, CA
[73] IDEO PLASTICS INC., CA
[86] (2972971)
[87] (2972971)
[22] 2017-07-12
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[51] **Int.Cl. G01R 31/00 (2006.01) G01R 31/308 (2006.01)**
[25] EN
[54] **STIRRED SOURCE AND METHOD OF RFI TESTING**
[54] **SOURCES MELANGEES ET METHODE DE TEST DE RADIOFREQUENCE**
[72] JACKSON, ERIC, CA
[72] ZANETTE, DANIELE, CA
[73] MPB TECHNOLOGIES INC., CA
[86] (2974054)
[87] (2974054)
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[13] C
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[25] EN
[54] **METAL-GLYCOPROTEIN COMPLEXES AND THEIR USE AS CHEMOTHERAPEUTIC COMPOUNDS**
[54] **COMPLEXES DE METALLOGLYCOPROTEINES ET LEUR UTILISATION COMME COMPOSES CHIMIOTHERAPEUTIQUES**
[72] MANDEL, ARKADY, CA
[73] THERALASE TECHNOLOGIES, INC., CA
[85] 2017-07-19
[86] 2016-01-19 (PCT/IB2016/050253)
[87] (WO2016/116859)
[30] US (62/105,080) 2015-01-19
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[51] **Int.Cl. G06K 9/20 (2006.01) G06K 9/18 (2006.01) H04N 5/225 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **IMAGING MODULE AND READER FOR, AND METHOD OF, READING A TARGET OVER A FIELD OF VIEW BY IMAGE CAPTURE WITH A VISUALLY PROMINENT INDICATOR OF A CENTER ZONE OF THE FIELD OF VIEW**
[54] **MODULE D'IMAGERIE ET LECTEUR ASSOCIE, ET METHODE DE LECTURE D'UNE CIBLE DANS UN CHAMP DE VISION PAR CAPTURE D'IMAGES AU MOYEN D'UN INDICATEUR EVIDENT VISUELLEMENT D'UNE ZONE CENTRALE DE CHAMP DE VISION**
[72] HANDSHAW, DARRAN MICHAEL, US
[72] VINOGRADOV, IGOR, US
[72] GUREVICH, VLADIMIR, US
[73] SYMBOL TECHNOLOGIES, LLC, US
[86] (2976397)
[87] (2976397)
[22] 2017-08-14
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[25] EN
[54] **PRESSING SLEEVE, PRESS FITTING AND USE OF THE PRESS FITTING OR THE PRESSING SLEEVE**
[54] **MANCHON A SERTIR POUR RACCORD A SERTIR ET UTILISATION DU RACCORD A SERTIR OU DU MANCHON A SERTIR**
[72] HOFMANN, FRANK, DE
[73] VIEGA TECHNOLOGY GMBH & CO. KG, DE
[85] 2017-08-31
[86] 2016-02-17 (PCT/EP2016/053362)
[87] (WO2016/139062)
[30] DE (10 2015 103 228.7) 2015-03-05

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[51] **Int.Cl. G01N 33/84 (2006.01) A61J 1/20 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **POINT-OF-CARE TESTING SYSTEM FOR BLOOD GASES AND CO-OXIMETRY**
[54] **SYSTEME DE TEST AU POINT DE SOIN DESTINE AUX GAZ SANGUINS ET CO-OXYMETRIE**
[72] SAMSOONDAR, JAMES, CA
[73] CHROMEDX CORP., CA
[85] 2017-09-07
[86] 2017-03-27 (PCT/CA2017/050379)
[87] (WO2017/165967)
[30] US (62/316,653) 2016-04-01

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[25] EN
[54] **A CONSTRUCTION BOARD AND A METHOD OF MANUFACTURE**
[54] **PANNEAU DE CONSTRUCTION ET PROCEDE DE FABRICATION**
[72] MARSKELL, STEVE, AU
[73] MAGNESIUM OXIDE BOARD CORPORATION PTY LTD, AU
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[54] **METHOD FOR RECOVERING AN ACID FROM ACID/SUGAR SOLUTIONS**
[54] **PROCEDE DE RECUPERATION D'UN ACIDE A PARTIR DE SOLUTIONS D'ACIDE/SUCRE**
[72] JEMAA, NACEUR, CA
[72] PALEOLOGOU, MICHAEL, CA
[72] MAHMOOD, TALAT, CA
[73] FPINNOVATIONS, CA
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[54] **ENSEMBLE DE RETENUE DE GRAISSE POUR UNE ARTICULATION D'UN ARBRE D'ENTRAINEMENT DE VEHICULE**
[72] EDWARDS, KRYSTIL ELIZABETH, US
[72] MAKSYMIAK, IHOR R., US
[72] BARRETT, JON R., US
[73] NTN BEARING CORPORATION OF AMERICA, US
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[54] **PROCEDES DE FABRICATION D'UN FIL, PRE-PRODUITS DE FILS MULTICOUCHES ET FILS**
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[54] **COMPOSITIONS DE VACCIN DESTINEES AU TRAITEMENT DU VIRUS ZIKA**
[72] ANDERSON, DAVID EVANDER, US
[72] FLUCKIGER, ANNE-CATHERINE, FR
[73] VARIATION BIOTECHNOLOGIES INC., CA
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[54] **INTERFACE ELECTRIQUE DOTEE DE POINTS DE CONTACT A RESSORT**
[72] BAUSCH, MICHAEL E., US
[72] MUELLER, MICHAEL R., US
[72] BROWN, ROLLIN, US
[73] HARRIS CORPORATION, US
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[54] **CUTTER FOR ELECTRODE GRAPHITE AND FACE MILLING CUTTER FOR MACHINING OXIDE CERAMICS**
[54] **LAME DESTINEE AU GRAPHITE D'ELECTRODE ET FRAISE DE FACE DESTINEES A L'USINAGE DE CERAMIQUES D'OXYDE**
[72] HUFSCHMIED, RALPH, DE
[73] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
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[54] **A PROBE FOR EXTRACTION OF MOLECULES OF INTEREST FROM A SAMPLE**
[54] **SONDE D'EXTRACTION DE MOLECULES D'INTERET A PARTIR D'UN ECHANTILLON**
[72] PAWLISZYN, JANUSZ B., CA
[72] GOMEZ RIOS, GERMAN AUGUSTO, CA
[73] JP SCIENTIFIC LIMITED, CA
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[54] **SCAFFOLDING HAVING A COUPLING**
[54] **ECHAFFAUDAGE DOTE D'UN RACCORD**
[72] MIKIC, ERZAD, DE
[73] PERI GMBH, DE
[85] 2017-12-21
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[54] **DEVICE AND METHOD FOR THE REMOVAL OF PINBONES FROM A FISH FILLET**
[54] **DISPOSITIF ET PROCEDE POUR ENLEVER LES ARETES D'UN FILET DE POISSON**
[72] GOTTSCHALK, ROMAN, DE
[72] RUSKO, TORSTEN, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[25] EN
[54] **FLUID RETAINER CARTRIDGE ASSEMBLY AND METHOD FOR UTILIZING THE SAME**
[54] **DISPOSITIF DE CARTOUCHE DE RETENTION DE FLUIDE ET METHODE D'UTILISATION DUDIT DISPOSITIF**
[72] KLEIN, FRANK ERIC, US
[72] WHEELER, ANDREW JOHN, US
[72] DENHARTIGH, ANDREW JOHN, US
[72] HOERNER, WILLIAM, US
[72] BORICH, DAMON, US
[72] OBREGON, ZWCKXALLY, US
[72] GRBAVAC, ANDREA, US
[72] BORICH, KAREN, US
[72] SILVEYRA, ALEJANDRO, US
[73] NEOGEN CORPORATION, US
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[54] **COMBINATION RINSING TUB FOR TOILET AND TRASH RECEPTACLE**
[54] **COMBINAISON DE CUVE DE RINCAGE DE TOILETTES ET DE POUBELLE**
[72] AYERS, GLENN ALLEN, US
[73] AYERS, GLENN ALLEN, US
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[54] **EXERCISE DATA COLLECTION SYSTEM**
[54] **SYSTEME DE COLLECTE DE DONNEES D'EXERCICE**
[72] TODD, ERIC, US
[73] BML PRODUCTIONS, INC., US
[85] 2018-01-12
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[54] **IMPROVED PIPE LINING LEAK TESTING METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL D'ESSAI D'ETANCHEITE DE REVETEMENT INTERIEUR DE TUYAU AMELIORES**
[72] BARNES, STEPHEN, GB
[73] PIONEER LINING TECHNOLOGY LIMITED, GB
[85] 2018-02-06
[86] 2016-08-18 (PCT/GB2016/052558)
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[54] **USING MULTIPLE LAYERS OF POLICY MANAGEMENT TO MANAGE RISK**
[54] **UTILISATION DE PLUSIEURS COUCHES DE GESTION DE POLITIQUE POUR GERER LE RISQUE**
[72] HUTTON, SAM, GB
[72] SHIRK, LEON, GB
[73] GLASSWALL (IP) LIMITED, GB
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[54] **FILTRE AUDIO ACTIF EN LIGNE BIDIRECTIONNEL**
[72] RUTHERFORD, BRIAN, US
[73] B/E AEROSPACE, INC., US
[85] 2018-02-20
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[54] **ENSEMBLE DE PLAQUE REPERABLE**
[72] WU, PING-HSIEN, TW
[72] CHEN, CHENG-LUNG, TW
[73] LONG TIME WIN TECHNOLOGY CO., LTD., TW
[86] (2997590)
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[54] **METHOD AND SYSTEM FOR DYNAMIC REASSIGNMENT OF AN IDENTIFICATION CODE IN A LIGHT-BASED POSITIONING SYSTEM**
[54] **PROCEDE ET SYSTEME DE REATTRIBUTION DYNAMIQUE D'UN CODE D'IDENTIFICATION DANS UN SYSTEME DE POSITIONNEMENT A BASE DE LUMIERE**
[72] LYDECKER, STEPHEN H., US
[72] KLITENIK, KONSTANTIN, US
[72] RYAN, DANIEL, US
[72] MALANDRAKIS, EMANUEL PAUL, US
[72] ABOU-RIZK, MITRI J., US
[73] ABL IP HOLDING LLC, US
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[54] **APPARATUS AND METHOD FOR REMOVING MAGNETIC MATERIAL FROM GRINDING CIRCUITS**
[54] **APPAREIL ET METHODE D'ENLEVEMENT DE MATERIAU MAGNETIQUE DE CIRCUITS DE MEULAGE**
[72] FULLAM, MICHAEL, CA
[73] FLSMIDTH A/S, DK
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[54] **COAL BED METHANE EXTRACTION AND CARBON CAPTURE**
[54] **EXTRACTION DE METHANE DE GISEMENT DE HOUILLE ET CAPTURE DE CARBONE**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
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[25] EN
[54] **METHOD, DEVICE AND APPARATUS FOR MONITORING HALOGEN LEVELS IN A BODY OF WATER**
[54] **METHODE, DISPOSITIF ET APPAREIL DE SURVEILLANCE DES NIVEAUX D'HALOGENE DANS UNE MASSE D'EAU**
[72] LAFLAMME, BENOIT, CA
[72] VILLEMAIRE, ANDRE, CA
[72] CARON, SERGE, CA
[72] GRAVEL, JEAN-FRANCOIS, CA
[71] GECKO ALLIANCE GROUP INC., CA
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[25] EN
[54] **WEARABLE DEVICE TO FACILIATE MINDFULNESS PRACTICES WITH BRAIN ACTIVITY ANALYZER AND BRAIN STIMULATOR, AND METHODS THEREOF**
[54] **DISPOSITIF PORTABLE SERVANT A FACILITER LES PRATIQUES CONSCIENTES DOTE D'UN ANALYSEUR D'ACTIVITE CEREBRALE ET D'UN STIMULATEUR CEREBRAL, ET METHODES ASSOCIEES**
[72] GOIAME, SIDNEY, CA
[72] TURPIN, JEAN-BAPTISTE, US
[71] GOIAME, SIDNEY, CA
[71] TURPIN, JEAN-BAPTISTE, US
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[54] **METHOD AND SYSTEM FOR COMMUNICATING USING A POWER LINE**
[54] **METHODE ET SYSTEME DE COMMUNICATION AU MOYEN D'UN CABLE D'ALIMENTATION**
[72] MCNABB, WILLIAM MARCUS, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[51] **Int.Cl. F04B 43/12 (2006.01) F04B 43/08 (2006.01)**
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[54] **PERISTALTIC PUMP WITH A ROTARY ACTUATOR AND A TRANSFER TUBE**
[54] **POMPE PERISTALTIQUE DOTEE D'UN ACTIONNEUR ROTATIF ET D'UN TUBE DE TRANSFERT**
[72] HANNIBAL, RALF, DE
[71] HANNIBAL, RALF, DE
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[54] **CHRISTIAN FINANCIAL INSTITUTION**
[54] **INSTITUTION FINANCIERE CHRETIENNE**
[72] TOPJIAN, CHRISTINE, CA
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[51] **Int.Cl. A63F 3/00 (2006.01)**
[25] EN
[54] **MARBLE AND DICE BOARD GAME, AKA 'GAMBIT BOARD', AND METHOD OF PLAY**
[54] **JEU DE TABLE DE BILLE ET DE DE, AUSSI APPELE « JEU GAMBIT » ET METHODE DE JEU**
[72] COUSINS, PAUL A., CA
[71] COUSINS, PAUL A., CA
[22] 2017-03-20
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[25] EN
[54] **INSULATED STRUCTURAL BUILDING FRAMES, PANELS, WALLS, AND RELATED METHODS**
[54] **STRUCTURES DE BATIMENT STRUCTUREL ISOLEES, PANNEAUX, MURS ET METHODES ASSOCIEES**
[72] DE JAGER, CALVIN J., CA
[71] DE JAGER, CALVIN J., CA
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[25] EN
[54] **HORIZONTAL FRACTURES IN VARIOUS COMBINATIONS OF INFILL WELLS, INJECTION WELLS, AND PRODUCTION WELLS**
[54] **FRACTURES HORIZONTALES DANS DIVERSES COMBINAISONS DE PUITS DE REMPLISSAGE, PUITS D'INJECTION ET PUITS DE PRODUCTION**
[72] IRANI, MAZDA, CA
[72] KING, ROBERT WAYNE, CA
[71] SUNCOR ENERGY INC., CA
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[51] **Int.Cl. G03B 17/28 (2006.01) G03B 9/70 (2006.01) G03B 17/26 (2006.01) G03B 17/55 (2006.01) G03B 19/14 (2006.01)**
[25] EN
[54] **FILM TLR CAMERA CONVERSION TO DIGITAL TLR CAMERA**
[54] **CONVERSION D'APPAREIL PHOTO REFLEX A DEUX OBJECTIFS A PELLICULE EN APPAREIL PHOTO REFLEX A DEUX OBJECTIFS NUMERIQUE**
[72] BACIU, SANDU, CA
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[51] **Int.Cl. A01K 61/10 (2017.01) A01K 61/00 (2017.01) A01K 61/60 (2017.01)**
[25] EN
[54] **A DEVICE FOR OBTAINING ASEPTIC BLOOD FROM FISH**
[54] **UN DISPOSITIF SERVANT A OBTENIR DU SANG ASEPTIQUE D'UN POISSON**
[72] SAWYER, EVELYN S., US
[71] SEA RUN HOLDINGS, INC., US
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[51] **Int.Cl. C02F 1/32 (2006.01) B01J 19/12 (2006.01)**
[25] EN
[54] **UV LIGHT REACTOR FOR CONTAMINATED FLUIDS**
[54] **REACTEUR A LUMIERE UV DESTINE AUX FLUIDES CONTAMINES**
[72] SCHUETZ, REINHARD, CA
[71] SCHUETZ, REINHARD, CA
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[51] **Int.Cl. A01B 1/04 (2006.01)**
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[54] **FOURCHE DE JARDINAGE AMELIOREE**
[54] **IMPROVED GARDEN PITCHFORK**
[72] TREMBLAY, ANDRE, CA
[71] TREMBLAY, ANDRE, CA
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[51] **Int.Cl. A01B 73/02 (2006.01) A01D 34/835 (2006.01)**
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[54] **TOOL BAR MOUNTED FOLDING WING MOWER APPARATUS**
[54] **APPAREIL FAUCHEUR A AILE PLIANTE INSTALLEE SUR LA BARRE D'OUTILS**
[72] ANDERSON, EDWARD SCOTT, CA
[72] COCHRAN, ROBERT, CA
[71] HIGHLINE MANUFACTURING LTD., CA
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[54] **SLIDING TARP SYSTEM**
[54] **SYSTEME DE BACHE COULISSANTE**
[72] BESHIRI, ILIR, CA
[72] KLASSEN, JACOB, CA
[72] NEUFELD, JOHAN, CA
[71] GLIDER SYSTEMS IP INC., CA
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[51] **Int.Cl. F21V 13/12 (2006.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) F21K 9/61 (2016.01) F21V 8/00 (2006.01)**
[25] EN
[54] **LUMINAIRE FOR EMITTING DIRECTIONAL AND NON-DIRECTIONAL LIGHT**
[54] **LUMINAIRE DESTINE A EMETTRE UN ECLAIRAGE DIRECTIONNEL ET NON DIRECTIONNEL**
[72] PARKER, JEFFERY ROBERT, US
[72] SHUM, FRANK, US
[72] SUN, YUPIN, US
[72] PEIFER, DON, US
[72] YAPHE, HOWARD, CA
[72] MILES, ANDREW, CA
[72] CALUORI, GIUSEPPE, CA
[72] MIER-LANGNER, ALEJANDRO, US
[71] SORAA, INC., US
[71] AXIS LIGHTING INC., CA
[22] 2017-03-22
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[51] **Int.Cl. E21B 7/28 (2006.01) E21B 10/26 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **REAMING SYSTEMS, DEVICES, ASSEMBLIES, AND RELATED METHODS OF USE**
[54] **SYSTEMES, DISPOSITIFS, ASSEMBLAGES D'ALESAGE ET METHODES D'UTILISATION ASSOCIEES**
[72] PEARSON, ALLAN, CA
[72] LUCHAK, MARK, CA
[72] SCHEMING, OXANA, CA
[72] OSATCHUK, MATT, CA
[72] VENABLES, ERIN, CA
[72] NKWOCHA, CHIMERE, CA
[71] INFOCUS ENERGY SERVICES INC., CA
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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM FOR MATCHING LENDERS AND BORROWERS**
[54] **SYSTEME DE JUMELAGE ENTRE PRETEURS ET EMPRUNTEURS**
[72] BACIU, CATALINA, CA
[71] BACIU, CATALINA, CA
[22] 2017-03-21
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[51] **Int.Cl. C08J 5/18 (2006.01) B32B 3/26 (2006.01) B32B 27/18 (2006.01) B32B 27/32 (2006.01) C08J 9/26 (2006.01) C08L 23/12 (2006.01)**
[25] EN
[54] **TEAR RESISTANT MONO-AXIALLY ORIENTED PROPYLENE-BASED FILM**
[54] **PELLICULE A BASE DE PROPYLENE ORIENTEE MONO-AXIALEMENT RESISTANT A LA DECHIRURE**
[72] BROWN, MATTHEW H., US
[72] KOEHN, HAROLD EGON, US
[72] PAULINO, CLAUDIO M., US
[71] TORAY PLASTICS (AMERICA), INC., US
[22] 2017-03-20
[41] 2018-09-20

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[51] **Int.Cl. E04C 1/00 (2006.01) E01C 3/00 (2006.01) E02D 27/32 (2006.01) E04F 11/02 (2006.01) F16S 1/14 (2006.01)**
[25] FR
[54] **STRUCTURAL FLOOR AND STAIR ELEMENTS FOR PATIOS MADE OF EXPANDED POLYSTYRENE**
[54] **ELEMENT DE STRUCTURES DE PLANCHER DE TERRASSES ET D'ESCALIERS EN POLYSTYRENE EXPANSE**
[72] SIMARD, ALAIN, CA
[71] FONCTION DESIGN INC, CA
[22] 2017-03-22
[41] 2018-09-22

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[13] A1
[51] **Int.Cl. C22B 3/04 (2006.01) C22B 3/44 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **RARE EARTH ELEMENT EXTRACTION FROM COAL**
[54] **EXTRACTION D'ELEMENT DE TERRE RARE DU CHARBON**
[72] LAUDAL, DANIEL, US
[72] BENSON, STEVEN, US
[71] UNIVERSITY OF NORTH DAKOTA, US
[22] 2017-03-22
[41] 2018-09-17
[30] US (15/462,164) 2017-03-17

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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **SECURE OFFLINE APPROVAL OF INITIATED DATA EXCHANGES**
[54] **APPROBATION SECURISEE EN LIGNE D'ECHANGES DE DONNEES AMORCES**
[72] HALDENBY, PERRY AARON JONES, CA
[72] DUNJIC, MILOS, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-03-22
[41] 2018-09-21
[30] US (14/464,505) 2017-03-21

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[51] **Int.Cl. E21B 43/16 (2006.01) B65G 5/00 (2006.01) E21B 43/18 (2006.01)**
[25] EN
[54] **COAL BED METHANE EXTRACTION AND CARBON CAPTURE**
[54] **EXTRACTION DE METHANE DE GISEMENT DE HOUILLE ET CAPTURE DE CARBONE**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
[22] 2017-03-28
[41] 2018-09-16
[30] CA (2,960,997) 2017-03-16

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[51] **Int.Cl. B65H 75/30 (2006.01) B65H 75/02 (2006.01) B65H 75/08 (2006.01) B65H 75/14 (2006.01) F16L 55/165 (2006.01) F16L 55/18 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **CIPP LINER REEL SYSTEM**
[54] **SYSTEME D'ENROULEUR DE REVETEMENT CIPP**
[72] STROM, GARY H., US
[72] STROM, BRANDON G., US
[71] SUBSURFACE, INC., US
[22] 2017-03-29
[41] 2018-09-20
[30] US (15463228) 2017-03-20

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[51] **Int.Cl. A42B 3/12 (2006.01) A42B 3/10 (2006.01)**
[25] EN
[54] **PROTECTIVE HELMET WITH LINER ASSEMBLY**
[54] **CASQUE PROTECTEUR DOTE D'UN ASSEMBLAGE DE REVETEMENT INTERIEUR**
[72] WIART, NICOLE JACQUELINE, CA
[72] CHARTRAND, DANIEL, CA
[72] DYKMANS, MAURICE, CA
[72] MARTIN, PHILIPPE, CA
[72] GERMAIN, SIMON-PIERRE, CA
[72] STEENBRINK, BRIAN WILLIAM, CA
[72] BEAUCHAMP, PIERRE-LUC, CA
[72] LANGLOIS, SIMON, CA
[72] SPYROU, EVANGELOS, CA
[71] SPORT MASKA INC., CA
[22] 2017-04-11
[41] 2018-09-21
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[54] **VENTED FIRE TARP**
[54] **BACHE DE FEU AERE**
[72] WOLF, MARK A., US
[71] WOLF, MARK A., US
[22] 2017-04-18
[41] 2018-09-22
[30] US (15/465,934) 2017-03-22

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[25] EN
[54] **COLLAPSIBLE AND EXPANDABLE SPRING-LOADED DISCS**
[54] **DISQUES A RESSORT ECRASABLES ET EXTENSIBLES**
[72] SROUR, IKEY, US
[71] SROUR, IKEY, US
[22] 2017-04-24
[41] 2018-09-21
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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 59/20 (2015.01)**
[25] EN
[54] **SPORTS TRAINING APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT SPORTIF**
[72] KAYE, CHRISTOPHER J., US
[71] KAYE, CHRISTOPHER J., US
[22] 2017-08-03
[41] 2018-09-22
[30] US (62/474,862) 2017-03-22

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[51] **Int.Cl. B66F 11/04 (2006.01) B66C 13/54 (2006.01) B66C 15/00 (2006.01) F16P 3/14 (2006.01)**
[25] EN
[54] **AERIAL WORK PLATFORM WITH PROTECTION DEVICE OF ELECTRONIC SENSING TYPE**
[54] **PLATEFORME DE TRAVAIL AERIENNE DOTEE D'UN DISPOSITIF DE PROTECTION DE TYPE DETECTEUR ELECTRONIQUE**
[72] XU, SHUGEN, CN
[71] ZHEJIANG DINGLI MACHINERY CO., LTD., CN
[22] 2017-08-15
[41] 2018-09-17
[30] CN (2017101607496) 2017-03-17

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[25] EN
[54] **HOT STAMP CELL**
[54] **CELLULE ESTAMPEE A CHAUD**
[72] LIVINGSTONE, GREG, CA
[72] LEHN, NORM, CA
[72] BENOIT, MIKE, CA
[71] THE ELECTROMAC GROUP, INC., CA
[22] 2017-09-14
[41] 2018-09-16
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[25] EN
[54] **SIDEWALL-CONNECTED HVAC UNITS FOR MODULAR DATACENTER FACILITIES**
[54] **MODULES CVCA CONNECTES A LA PAROI DESTINES AUX INSTALLATIONS DE CENTRES DE DONNEES MODULAIRES**
[72] CROSBY, CHRISTOPHER J., JR., US
[72] RUIZ, JOSE ALBERTO, US
[71] COMPASS DATACENTERS, LLC, US
[22] 2017-10-17
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[25] EN
[54] **ELECTRICAL/ELECTRONIC CONTROL EQUIPMENT FOR HEATING METALLIC WORKPIECES**
[54] **EQUIPEMENT DE CONTROLE ELECTRIQUE/ELECTRONIQUE DESTINE A CHAUFFER LES PIECES DE TRAVAIL METALLIQUES**
[72] SPORTELLI, PIETRO, BR
[71] AETHRA SISTEMAS AUTOMOTIVOS S/A, BR
[22] 2017-10-24
[41] 2018-09-16
[30] BR (BR 10 2017 005401-2) 2017-03-16

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[13] A1
[51] **Int.Cl. B29C 70/32 (2006.01)**
[25] EN
[54] **METHODS OF MAKING A SPECIMEN WITH A PREDETERMINED WRINKLE DEFECT**
[54] **METHODE DE FABRICATION D'UN ECHANTILLON AYANT UN EFFET DE PLI PREDETERMINE**
[72] BURNETT, MICHAEL, US
[72] LEE, WEI-YUEH, US
[72] DEARMAN, MICHAEL, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-10-25
[41] 2018-09-21
[30] US (15/464,822) 2017-03-21
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[51] **Int.Cl. B29C 70/32 (2006.01)**
[25] EN
[54] **METHODS OF MAKING A TUBULAR SPECIMEN WITH A PREDETERMINED WRINKLE DEFECT**
[54] **METHODE DE FABRICATION D'UN ECHANTILLON TUBULAIRE AYANT UN EFFET DE PLI PREDETERMINE**
[72] LEE, WEI-YUEH, US
[72] BURNETT, MICHAEL, US
[72] DEARMAN, MICHAEL, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-10-25
[41] 2018-09-21
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[51] **Int.Cl. A41D 19/015 (2006.01) A41D 13/08 (2006.01) A41D 19/04 (2006.01)**
[25] EN
[54] **HAND COVER SYSTEM**
[54] **DISPOSITIF DE RECOUVREMENT DE MAIN**
[72] CHEN, LI RAY, US
[71] CHEN, LI RAY, US
[22] 2017-10-27
[41] 2018-09-17
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[51] **Int.Cl. A61H 39/04 (2006.01)**
[25] EN
[54] **TRIGGER POINT THERAPY DEVICE**
[54] **DISPOSITIF DE THERAPIE A POINT DECLENCHEUR**
[72] WISE, DAVID, US
[71] NEW PELVIC PAIN TECHNOLOGIES INC., US
[22] 2017-11-01
[41] 2018-09-21
[30] US (15/464,923) 2017-03-21

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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR VALUATION OF A POOL OF REAL ESTATE ASSETS**
[54] **UNE METHODE ET UN SYSTEME D'EVALUATION D'UNE BANQUE D'ACTIFS IMMOBILIERS**
[72] GANT, ADAM, CA
[72] MARINAKIS, DIMITRI, CA
[72] RICHARDSON, ASHLIN, CA
[71] GANT, ADAM, CA
[22] 2017-12-19
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[13] A1
[51] **Int.Cl. A01D 33/08 (2006.01) A01F 12/44 (2006.01)**
[25] EN
[54] **AGRICULTURAL MOTOR VEHICLE**
[54] **VEHICULE A MOTEUR AGRICOLE**
[72] BERTINO, LUIZ HENRIQUE, BR
[71] INDUSTRIAS REUNIDAS COLOMBO LTDA., BR
[22] 2017-12-20
[41] 2018-09-17
[30] BR (BR 10 2017 005429 2) 2017-03-17

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[51] **Int.Cl. H04W 4/12 (2009.01) G06F 3/14 (2006.01) G08G 5/00 (2006.01) G10L 15/26 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GRAPHICAL VISUALIZATION OF COMMUNICATION TRANSMISSIONS RECEIVED ONBOARD AN AIRCRAFT**
[54] **SYSTEMES ET METHODES DE VISUALISATION GRAPHIQUE DE TRANSMISSIONS DE COMMUNICATION RECUES A BORD D'UN AERONEF**
[72] SRIVASTAV, AMIT, US
[72] HUANG, JINMING, US
[72] IDUPUNUR, KRISHNA, US
[72] KUSUMA, MURALI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-12-20
[41] 2018-09-17
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[25] EN
[54] **IMPARTING WEAR RESISTANCE TO SUPERALLOY ARTICLES**
[54] **TRANSMISSION DE RESISTANCE A L'USURE AUX ARTICLES EN SUPERALLIAGE**
[72] PEREZ, MARTIN G., US
[72] MEYER, MICHAEL, US
[72] MONDS, ROBERT W., US
[72] BELL, LORETTA M., US
[71] KENNAMETAL INC., US
[22] 2018-01-03
[41] 2018-09-21
[30] US (15/465170) 2017-03-21

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **SCALABLE FLEXIBILITY CONTROL OF DISTRIBUTED LOADS IN A POWER GRID**
[54] **CONTROLE DE FLEXIBILITE EVOLUTIVE DE CHARGES DISTRIBUEES DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] GHAEMI, REZA, US
[72] ABBASZADEH, MASOUD, US
[72] BAONE, CHAITANYA ASHOK, US
[72] ACHARYA, NARESH, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2018-01-04
[41] 2018-09-17
[30] US (15/462,136) 2017-03-17

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[51] **Int.Cl. G05B 11/00 (2006.01) B60W 50/00 (2006.01) B64C 13/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PERFORM OBSERVER-BASED CONTROL OF A VEHICLE**
[54] **METHODES ET APPAREIL SERVANT A EXECUTER UN CONTROLE DE VEHICULE FONDE SUR L'OBSERVATEUR**
[72] LAVRETSKY, EUGENE, US
[72] WISE, KEVIN, US
[71] THE BOEING COMPANY, US
[22] 2018-01-08
[41] 2018-09-21
[30] US (15/465,066) 2017-03-21

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[13] A1
[51] **Int.Cl. G01N 25/72 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-DESTRUCTIVE TESTING**
[54] **METHODE ET SYSTEME D'ESSAI NON DESTRUCTIF**
[72] KHOSRAVANI, SHAHRIAR, US
[71] THE BOEING COMPANY, US
[22] 2018-01-15
[41] 2018-09-20
[30] US (15/464,204) 2017-03-20

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[13] A1
[51] **Int.Cl. B64G 1/24 (2006.01) B64G 1/10 (2006.01) B64G 1/28 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO MINIMIZE COMMAND DYNAMICS OF A SATELLITE**
[54] **METHODES ET APPAREIL SERVANT A MINIMISER LA DYNAMIQUE DE COMMANDE D'UN SATELLITE**
[72] LUI, TIMOTHY S., US
[72] LEMKE, GARY, US
[71] THE BOEING COMPANY, US
[22] 2018-01-12
[41] 2018-09-22
[30] US (15/466228) 2017-03-22

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[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F02C 7/24 (2006.01) F23D 11/36 (2006.01) F23D 14/78 (2006.01) F23R 3/04 (2006.01)**
[25] EN
[54] **COMBUSTOR HEAT SHIELD COOLING HOLE ARRANGEMENT**
[54] **AMENAGEMENT DE TROU DE REFROIDISSEMENT DE BOUCLIER THERMIQUE DE COMBUSTOR**
[72] LAO, SI-MAN AMY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-16
[41] 2018-09-20
[30] US (15/463,254) 2017-03-20

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[13] A1
[51] **Int.Cl. F02B 53/12 (2006.01) F02B 55/10 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH IGNITER COOLING SLEEVE**
[54] **MOTEUR A COMBUSTION INTERNE A INJECTION DOTE D'UN MANCHON DE REFROIDISSEMENT D'ALLUMEUR**
[72] LANKTREE, MICHAEL, CA
[72] SCHULZ, EDWIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-17
[41] 2018-09-21
[30] US (15/464,783) 2017-03-21

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G05B 17/02 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **MICRO GRID CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLEUR DE MICRO-RESEAU**
[72] RODRIGUEZ, RIGOBERTO JORGE, US
[72] ZELLER, ROBERT J., US
[72] SKERTIC, RICHARD JOSEPH, US
[72] DOUGHERTY, MICHAEL P., US
[72] CLINE, CURTIS HARVEY, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2018-01-18
[41] 2018-09-17
[30] US (15/462640) 2017-03-17
[30] US (15/470701) 2017-03-27

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[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/02 (2006.01) F01D 5/10 (2006.01) F01D 5/16 (2006.01) F04D 29/32 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **FAN ROTOR WITH FLOW INDUCED RESONANCE CONTROL**
[54] **ROTOR DE VENTILATEUR A COMMANDE DE RESONANCE INDUITE PAR L'ECOULEMENT**
[72] THERATIL, IGNATIUS, CA
[72] BALIKE, KRISHNA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-22
[41] 2018-09-22
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[13] A1
[51] **Int.Cl. F01D 5/16 (2006.01) F01D 5/10 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **FAN ROTOR WITH FLOW INDUCED RESONANCE CONTROL**
[54] **ROTOR DE VENTILATEUR A COMMANDE DE RESONANCE INDUITE PAR L'ECOULEMENT**
[72] THERATIL, IGNATIUS, CA
[72] BALIKE, KRISHNA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-22
[41] 2018-09-22
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[51] **Int.Cl. F01D 5/16 (2006.01) F01D 5/10 (2006.01) F01D 5/14 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **FAN ROTOR WITH FLOW INDUCED RESONANCE CONTROL**
[54] **ROTOR DE VENTILATEUR A COMMANDE DE RESONANCE INDUITE PAR L'ECOULEMENT**
[72] THERATIL, IGNATIUS, CA
[72] BALIKE, KRISHNA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-22
[41] 2018-09-22
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[13] A1
[51] **Int.Cl. A63B 60/14 (2015.01) A63B 59/50 (2015.01)**
[25] EN
[54] **GRIPS FOR BALL-BAT HANDLE AND KNOB HAVING MULTIPLE DEGREES OF HARDNESS**
[54] **PRISES DE MANCHE DE BATON DE JEU DE BALLE ET BOUTON A PLUSIEURS DEGRES DE DURETE**
[72] LONG, KEENAN, US
[72] DOUGLAS, GRANT, US
[71] EASTON DIAMOND SPORTS, LLC, US
[22] 2018-01-29
[41] 2018-09-17
[30] US (15/461,970) 2017-03-17

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[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) F16B 2/22 (2006.01) F16B 9/00 (2006.01) F16B 12/40 (2006.01)**
[25] EN
[54] **SPRING ACTION CLIP FOR BALUSTERS**
[54] **PINCE D'ACTIONNEMENT DE RESSORT DESTINEE A DES BALUSTRES**
[72] SCHNEIDER, CHRISTOPHER MICHAEL, US
[72] DIXON, WAYNE ELBERT, US
[72] DESALLE, MICHAEL MATTHEW, US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2018-02-01
[41] 2018-09-20
[30] US (15/463,151) 2017-03-20

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[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01) B25B 13/06 (2006.01) F16D 41/12 (2006.01)**
[25] EN
[54] **HUB FOR RATCHET GEARS**
[54] **MOYEU DE PIGNONS A ROCHET**
[72] ROSS, DAVE, US
[71] SNAP-ON INCORPORATED, US
[22] 2018-02-01
[41] 2018-09-22
[30] US (15/465,672) 2017-03-22

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[51] **Int.Cl. C04B 33/22 (2006.01) C04B 33/30 (2006.01)**
[25] EN
[54] **REFRACTORY COMPOSITION RESISTANT TO HIGH TEMPERATURE SHOCK AND CREEP, ARTICLES MADE FROM IT, AND METHOD OF MAKING ARTICLES**
[54] **COMPOSITION REFRACTAIRE RESISTANTE AUX CHOCS HAUTE TEMPERATURE ET AU FLUAGE, ARTICLES FAITS DE LADITE COMPOSITION ET METHODE DE FABRICATION D'ARTICLES**
[72] BORING, ERIC, US
[72] ANDERSON, MICHAEL W., US
[72] SNYDER, DANIEL, US
[72] BINZ, LARA, US
[71] MAGNECO/METREL, INC., US
[22] 2018-02-09
[41] 2018-09-16
[30] US (15/461,344) 2017-03-16
[30] US (15/461,322) 2017-03-16
[30] US (15/868,938) 2018-01-11

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[13] A1
[51] **Int.Cl. D04H 3/14 (2012.01) A01G 13/00 (2006.01) D04H 3/08 (2006.01) D04H 3/16 (2006.01)**
[25] EN
[54] **LANDSCAPING FABRIC HAVING ENHANCED MECHANICAL PROPERTIES**
[54] **TISSU D'AMENAGEMENT PAYSAGER AYANT DES PROPRIETES MECANIQUES AMELIOREES**
[72] AUSTIN, DOUGLAS E., US
[71] EASY GARDENER PRODUCTS, INC. DBA THE JOBE'S COMPANY, US
[22] 2018-02-09
[41] 2018-09-22
[30] US (62/474/952) 2017-03-22

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[13] A1
[51] **Int.Cl. H04N 21/8549 (2011.01) H04N 21/81 (2011.01) H04N 21/8405 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING A STORY BOARD WITH FORENSIC VIDEO ANALYSIS ON A VIDEO REPOSITORY**
[54] **SYSTEMES ET METHODES DE CREATION D'UN SCENARIMAGE A PARTIR D'ANALYSE VIDEO MEDICOLEGALE SUR UN REPERTOIRE DE VIDEOS**
[72] JANAKIRAMAN, KIRUPAKAR, US
[72] KANDHAMUNISAMY, NAGA SUNDAR, US
[72] SANKARAPANDIAN, RAJESH KULANDAIVEL, US
[72] ARUMAIKANI, RAMESH, US
[72] PATEL, KEYURBHAI, US
[72] MUTHUSAMY, BASKARAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-08
[41] 2018-09-20
[30] US (15/463,208) 2017-03-20

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[13] A1
[51] **Int.Cl. H04W 4/70 (2018.01) H04W 12/06 (2009.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURE AUTHENTICATION FOR ACCESS CONTROL, HOME CONTROL, AND ALARM SYSTEMS**
[54] **SYSTEMES ET METHODES D'AUTHENTIFICATION SECURISEE DE CONTROLE D'ACCES, CONTROLE DE DOMICILE ET SYSTEMES D'ALARME**
[72] MANOHARAN, SIVARAJAN, US
[72] RAJAMANICKAM, DINESH BABU, US
[72] MADHUSUTHANAN, SUNIL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-08
[41] 2018-09-20
[30] US (15/463,883) 2017-03-20

[21] **2,994,632**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04B 17/309 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND AVOIDING RADIO INTERFERENCE IN A WIRELESS SENSOR NETWORK**
[54] **SYSTEMES ET METHODES DE DETECTION ET EVITEMENT D'INTERFERENCE RADIO SUR UN RESEAU DE CAPTEURS SANS FIL**
[72] ESKILDSEN, KENNETH, US
[72] SURESH, SANDEEP, US
[72] WINKELER, THOMAS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-09
[41] 2018-09-21
[30] US (15/464,687) 2017-03-21

[21] **2,994,840**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **ADAPTER WITH CENTERING MECHANISM FOR ARTICULATION JOINT**
[54] **ADAPTATEUR DOTE D'UN MECANISME CENTREUR DESTINE A UN JOINT D'ARTICULATION**
[72] BEARDSLEY, JOHN, US
[71] COVIDIEN LP, US
[22] 2018-02-12
[41] 2018-09-16
[30] US (15/460,361) 2017-03-16

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[13] A1
[51] **Int.Cl. B22D 17/20 (2006.01) F16K 24/04 (2006.01) F16K 31/16 (2006.01)**
[25] EN
[54] **VALVE DEVICE FOR VENTING DIE-CASTING MOULDS**
[54] **DISPOSITIF DE VALVE SERVANT A AERER LES MOULES DE COULAGE SOUS PRESSION**
[72] BAUMGARTNER, DOMINIK, CH
[71] FONDAREX S.A., CH
[22] 2018-02-13
[41] 2018-09-16
[30] CH (00321/17) 2017-03-16

[21] **2,995,031**
[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/264 (2006.01)**
[25] EN
[54] **FLOOR SINK STRAINER AND ASSEMBLY**
[54] **CREPINE DE PLANCHER ET ENSEMBLE**
[72] PRIESTER, DONALD E., US
[71] SMITH INDUSTRIES, INC. D/B/A JAY R. SMITH MFG. CO., US
[22] 2018-02-13
[41] 2018-09-16
[30] US (15/461008) 2017-03-16

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EVENT-BASED DATA ACQUISITION IN REAL-TIME APPLICATIONS**
[54] **SYSTEME ET METHODE D'ACQUISITION DE DONNEES FONDEES SUR UN EVENEMENT DANS LES APPLICATIONS EN TEMPS REEL**
[72] ABRAHAM, SERGIO, US
[71] ONAPSIS, INC., US
[22] 2018-02-14
[41] 2018-09-20
[30] US (15/463,192) 2017-03-20

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[13] A1
[51] **Int.Cl. B61F 5/12 (2006.01) B61F 5/06 (2006.01)**
[25] EN
[54] **RAILWAY CAR TRUCK WITH FRICTION SHOES**
[54] **WAGON EQUIPE DE SABOTS DE FRICTION**
[72] COSEGLIA, JOHN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2018-02-22
[41] 2018-09-20
[30] US (15/463,739) 2017-03-20

[21] **2,996,530**
[13] A1
[51] **Int.Cl. B61K 9/08 (2006.01)**
[25] EN
[54] **MONITORING DEVICE FOR MONITORING A RAILWAY TRACK, ASSOCIATED METHOD AND MONITORING SYSTEM FOR MONITORING A RAILWAY TRACK**
[54] **DISPOSITIF DE SURVEILLANCE SERVANT A SURVEILLER DES VOIES FERREES, METHODE ASSOCIEE ET SYSTEME DE SURVEILLANCE SERVANT A SURVEILLER DES VOIES FERREES**
[72] CHURCH, BENJAMIN, US
[72] MELTON, DARREN, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-02-26
[41] 2018-09-17
[30] US (15/462,125) 2017-03-17

[21] **2,996,737**
[13] A1
[51] **Int.Cl. B61L 29/22 (2006.01) B61L 1/00 (2006.01) B61L 7/06 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A LEVEL CROSSING**
[54] **SYSTEME ET METHODE DE CONTROLE D'UN PASSAGE A NIVEAU**
[72] FRIES, JEFFREY, US
[72] SHIELDS, WILLIAM, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-02-27
[41] 2018-09-22
[30] US (15/466,071) 2017-03-22

[21] **2,996,911**
[13] A1
[51] **Int.Cl. B61G 11/14 (2006.01) B61G 9/18 (2006.01)**
[25] EN
[54] **FRICTION END-OF-CAR CUSHIONING ASSEMBLY**
[54] **ASSEMBLAGE COUSSINE DE BOUT DE WAGON A FRICTION**
[72] RICHMOND, SHAUN, US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2018-02-28
[41] 2018-09-17
[30] US (15/901,484) 2018-02-21
[30] US (62/473,165) 2017-03-17

[21] **2,996,921**
[13] A1
[51] **Int.Cl. A23L 33/135 (2016.01) A23L 27/60 (2016.01) A23L 29/00 (2016.01) A23D 7/005 (2006.01) A23D 7/06 (2006.01) A23L 3/34 (2006.01) A23L 3/3508 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **THICKENED OIL/WATER FOOD EMULSION PACKAGED PRODUCTS WITH PROBIOTICS**
[54] **PRODUITS EMBALLES D'EMULSION ALIMENTAIRE EPAISSIS A L'HUILE/EAU RENFERMANT DES PROBIOTIQUES**
[72] ANANTH, VIDYA, US
[72] OCHOMOGO, MARIA G., US
[72] CHAN, HUBERT, US
[71] THE CLOROX COMPANY, US
[22] 2018-02-28
[41] 2018-09-21
[30] US (15/465,452) 2017-03-21

[21] **2,996,922**
[13] A1
[51] **Int.Cl. A23L 3/02 (2006.01) A23L 2/46 (2006.01) A23L 3/00 (2006.01)**
[25] EN
[54] **PASTEURIZATION PLANT AND METHOD FOR OPERATING A PASTEURIZING PLANT**
[54] **INSTALLATION DE PASTEURISATION ET METHODE D'EXPLOITATION D'UNE INSTALLATION DE PASTEURISATION**
[72] DEMOULIN, GUNNAR, AT
[72] RINDERER, CHRISTIAN, AT
[72] CONCIN, ROLAND, AT
[71] RED BULL GMBH, AT
[22] 2018-02-28
[41] 2018-09-22
[30] EP (17162250.9) 2017-03-22
[30] US (15/465,795) 2017-03-22

[21] **2,997,059**
[13] A1
[51] **Int.Cl. B26D 3/26 (2006.01) A23N 15/00 (2006.01)**
[25] EN
[54] **MACHINE FOR CUTTING FRUIT OR VEGETABLES INTO SEGMENTS**
[54] **MACHINE DE COUPE DE FRUITS OU LEGUMES EN SEGMENTS**
[72] ASCARI, LUCA, IT
[72] ASCARI, CARLO, IT
[71] A.B.L. S.P.A., IT
[22] 2018-03-01
[41] 2018-09-16
[30] IT (102017000029195) 2017-03-16

[21] **2,997,450**
[13] A1
[51] **Int.Cl. B23K 35/362 (2006.01) B23K 35/24 (2006.01)**
[25] EN
[54] **FLUX-CORED WIRE FOR GAS-SHIELDED ARC WELDING**
[54] **FIL FOURRE DESTINE AU SOUDAGE A L'ARC SOUS PROTECTION AU GAZ**
[72] SASAKI, KIYOHITO, JP
[72] SAKABAYASHI, NAOKI, JP
[72] CHIBA, RYUTARO, JP
[71] NIPPON STEEL & SUMIKIN WELDING CO., LTD., JP
[22] 2018-03-06
[41] 2018-09-21
[30] JP (2017-054204) 2017-03-21

[21] **2,997,458**
[13] A1
[51] **Int.Cl. A01K 97/00 (2006.01) A01K 91/06 (2006.01) A01K 97/01 (2006.01) A01K 97/12 (2006.01)**
[25] EN
[54] **POWERED JIGGING DEVICE WITH MOVABLY MOUNTED MOTOR DRIVING A BALANCE-ADJUSTABLE ROD HOLDER**
[54] **DISPOSITIF ELECTRIQUE DE PECHE A LA DANDINETTE DOTE D'UN MOTEUR INSTALLE DE MANIERE MOBILE ENTRAINANT UN SUPPORT DE CANNE A EQUILIBRE AJUSTABLE**
[72] GEORGE, JONATHAN D., CA
[71] GEORGE, JONATHAN D., CA
[22] 2018-03-06
[41] 2018-09-21
[30] US (62474374) 2017-03-21

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[13] A1
[51] **Int.Cl. A23P 20/10 (2016.01) A23L 11/00 (2016.01) A23L 19/00 (2016.01) A23L 25/00 (2016.01) A23L 29/212 (2016.01)**
[25] EN
[54] **FOODSTUFF COATED WITH WAXY CORN STARCH**
[54] **PRODUIT ALIMENTAIRE RECOUVERT D'UN AMIDON CIREUX**
[72] YURGEC, MATTHEW, US
[72] VAARGAS SANCHEZ, SERGIO, US
[71] CORN PRODUCTS DEVELOPMENT, INC., US
[22] 2018-03-07
[41] 2018-09-17
[30] US (15/462,412) 2017-03-17

[21] **2,997,714**
[13] A1
[51] **Int.Cl. B63B 35/74 (2006.01) A47D 1/00 (2006.01) A47D 13/00 (2006.01)**
[25] EN
[54] **INFANT FLOAT**
[54] **FLOTTEUR POUR BEBE**
[72] ARIAS, DAVID A., US
[72] CLEMENS, TIMOTHY JAMES, US
[72] BANNON, THERESA M., US
[72] RONEY, LAUREL A., US
[72] CROWE, DAVID J., US
[71] ARIAS, DAVID A., US
[71] CLEMENS, TIMOTHY JAMES, US
[71] BANNON, THERESA M., US
[71] RONEY, LAUREL A., US
[71] CROWE, DAVID J., US
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[41] 2018-09-17
[30] US (62/473,094) 2017-03-17

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[13] A1
[51] **Int.Cl. F16J 15/40 (2006.01) F02C 7/00 (2006.01) F02C 7/28 (2006.01) F04D 29/10 (2006.01) G01M 13/00 (2006.01)**
[25] EN
[54] **DRY GAS SEAL**
[54] **JOINT D'ETANCHEITE AUX GAZ SECS**
[72] GERBI, FILIPPO, IT
[72] RIZZO, EMANUELE, IT
[72] BERNOCCHI, ANDREA, IT
[72] MARRAZZO, MARCO, IT
[72] BALDASSARRE, LEONARDO, IT
[72] RICCHIUTI, AMELIA LAVINIA, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[22] 2018-03-08
[41] 2018-09-17
[30] IT (102017000029982) 2017-03-17

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[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01)**
[25] EN
[54] **TIRE HAVING TREAD FOR LOW TEMPERATURE PERFORMANCE AND WET TRACTION**
[54] **PNEU A BANDE DE ROULEMENT CONCU POUR FOURNIR UN RENDEMENT A BASSE TEMPERATURE ET UNE TRACTION SUR SURFACE MOUILLEE**
[72] BRACE, LAUREN ELIZABETH, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2018-03-08
[41] 2018-09-22
[30] US (15/466161) 2017-03-22

[21] **2,997,806**
[13] A1
[51] **Int.Cl. H02K 1/30 (2006.01) F01D 15/10 (2006.01)**
[25] EN
[54] **ELECTRIC MACHINE WITH SEPARABLE MAGNET CARRIER**
[54] **MACHINE ELECTRIQUE DOTEE DE PORTEUR D'AIMANT SEPARABLE**
[72] NIERGARTH, DANIEL ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] CRALL, DAVID WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-03-08
[41] 2018-09-17
[30] US (15/461,654) 2017-03-17

[21] **2,997,816**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTE CONTROL OF LOCOMOTIVES**
[54] **SYSTEME ET METHODE DE COMMANDE A DISTANCE DE LOCOMOTIVES**
[72] MAYO, THOMAS CLAYTON, US
[72] WILCZEWSKI, JEFFREY MICHAEL, US
[72] TUTTLE, KENNETH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-03-08
[41] 2018-09-20
[30] US (15/463,742) 2017-03-20

[21] **2,997,844**
[13] A1
[51] **Int.Cl. B61L 29/22 (2006.01) B61L 1/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A LEVEL CROSSING**
[54] **SYSTEME ET METHODE DE CONTROLE D'UN PASSAGE A NIVEAU**
[72] FRIES, JEFFREY, US
[72] SHIELDS, WILLIAM, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-03-08
[41] 2018-09-22
[30] US (15/466,103) 2017-03-22

[21] **2,997,853**
[13] A1
[51] **Int.Cl. E21B 3/00 (2006.01) E21B 41/02 (2006.01)**
[25] EN
[54] **ROTATION UNIT AND METHOD OF ADJUSTING BEARING CLEARANCE**
[54] **MODULE DE ROTATION ET METHODE D'AJUSTEMENT DU DEGAGEMENT DE PALIER**
[72] SILTALA, HANNU, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2018-03-09
[41] 2018-09-17
[30] EP (17161506.5) 2017-03-17

[21] **2,997,854**
[13] A1
[51] **Int.Cl. B61L 29/22 (2006.01) B61L 1/14 (2006.01) B61L 7/06 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A LEVEL CROSSING AND RAILWAY INSTALLATION FOR IMPLEMENTING SUCH METHOD**
[54] **METHODE DE CONTROLE D'UN PASSAGE A NIVEAU ET INSTALLATION DE CHEMIN DE FER DESTINEE A LA MISE EN OEUVRE DE LADITE METHODE**
[72] FRIES, JEFFREY, US
[72] SCHUCHMANN, CHRIS, US
[72] SHIELDS, WILLIAM, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-03-08
[41] 2018-09-22
[30] US (15/466,134) 2017-03-22

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[13] A1
[51] **Int.Cl. B23F 5/20 (2006.01) B23F 5/24 (2006.01) B23F 5/27 (2006.01) B23F 23/08 (2006.01)**
[25] EN
[54] **METHOD FOR MACHINING THE TOOTH FLANKS OF BEVEL GEAR WORKPIECES**
[54] **METHODE D'USINAGE D'EBAUCHES DE DENT DE PIECES DE TRAVAIL A ROUE CONIQUE**
[72] WEBER, JURGEN, DE
[71] KLINGELNBERG AG, CH
[22] 2018-03-09
[41] 2018-09-17
[30] EP (17 161 493.6) 2017-03-17

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[13] A1
[51] **Int.Cl. D06H 7/08 (2006.01)**
[25] EN
[54] **TEXTILE ARTICLE MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION D'UN ARTICLE TEXTILE**
[72] MACDONALD, ROBERT, CA
[71] MACDONALD, ROBERT, CA
[22] 2018-03-12
[41] 2018-09-16
[30] CA (2,961,131) 2017-03-16

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[13] A1
[51] **Int.Cl. G06N 99/00 (2010.01) G06Q 10/04 (2012.01) G06F 15/18 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **MULTI-STATE QUANTUM OPTIMIZATION ENGINE**
[54] **MOTEUR A OPTIMISATION QUANTITATIVE MULTIETAT**
[72] GARRISON, DANIEL, GB
[72] FANO, ANDREW E., US
[72] WEICHENBERGER, JURGEN ALBERT, GB
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[22] 2018-03-12
[41] 2018-09-22
[30] US (15/466,342) 2017-03-22

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[13] A1
[51] **Int.Cl. B63B 17/00 (2006.01) B60J 7/043 (2006.01) B63B 19/18 (2006.01) E04B 7/16 (2006.01)**
[25] EN
[54] **SLIDING ROOF PANEL ASSEMBLY AND METHOD FOR ITS OPERATION**
[54] **ASSEMBLAGE DE PANNEAU DE TOIT COULISSANT ET METHODE D'EXPLOITATION**
[72] PUGH, GERAINT, GB
[71] LEWMAR LIMITED, GB
[22] 2018-03-12
[41] 2018-09-22
[30] GB (1704534.5) 2017-03-22

[21] **2,998,023**
[13] A1
[51] **Int.Cl. B60W 40/09 (2012.01)**
[25] EN
[54] **ELECTRONIC LOGGING DEVICE EVENT GENERATOR**
[54] **GENERATEUR D'EVENEMENT DESTINE A UN DISPOSITIF D'OUVERTURE DE SESSION ELECTRONIQUE**
[72] AMBROSE, JAMES ALLEN, US
[72] GOODRICH, JASON PHILIP, US
[71] J. J. KELLER & ASSOCIATES, INC., US
[22] 2018-03-13
[41] 2018-09-17
[30] US (15/462,552) 2017-03-17

[21] **2,998,060**
[13] A1
[51] **Int.Cl. H01P 1/15 (2006.01) H01P 3/06 (2006.01)**
[25] EN
[54] **MICROWAVE SWITCHING DEVICE WITH THE STATE OF THE CONNECTIONS OF THE INPUTS AND OUTPUTS BEING READ BY TELEMETRY**
[54] **DISPOSITIF DE COMMUTATION MICRO-ONDE A LECTURE PAR TELEMETRIE DE L'ETAT DE CONNEXION AUX ENTREES ET AUX SORTIES**
[72] VENDIER, OLIVIER, FR
[72] RODRIGUEZ, RAOUL, FR
[72] CHABAUD, PIERRE-YVES, FR
[72] POTUAUD, DOMINIQUE, FR
[72] BATTUT, JEROME, FR
[72] BORNET, JOHANN, FR
[72] ADAM, THIERRY, FR
[72] VILLEMAZET, JEAN-FRANCOIS, FR
[72] GROJEAN, FRANCOIS, FR
[71] THALES, FR
[22] 2018-03-14
[41] 2018-09-16
[30] FR (1700276) 2017-03-16

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[13] A1
[51] **Int.Cl. B29C 45/14 (2006.01) B65D 19/22 (2006.01)**
[25] EN
[54] **INJECTION MOLDED COMPONENT AND METHOD OF INJECTION MOLDING**
[54] **COMPOSANTE MOULEE PAR INJECTION ET METHODE DE MOULAGE PAR INJECTION**
[72] GUERRY, BRIAN ROBERT, US
[72] RUTIGLIANO, MATTHEW RICHARD, US
[72] OGAWA-GARCIA, SYDNEY MARIE, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2018-03-14
[41] 2018-09-17
[30] US (62/472,816) 2017-03-17
[30] US (15/899,085) 2018-02-19

[21] **2,998,072**
[13] A1
[51] **Int.Cl. E04G 1/15 (2006.01)**
[25] EN
[54] **WORK PLATFORM AND METHOD**
[54] **PLATEFORME DE TRAVAIL ET METHODE**
[72] WOODWARD, STEVEN, US
[72] PARKER, THOMAS, US
[71] WERNER CO., US
[22] 2018-03-14
[41] 2018-09-16
[30] US (62/472,365) 2017-03-16

[21] **2,998,156**
[13] A1
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 44/00 (2006.01) E21B 47/022 (2012.01) E21B 47/024 (2006.01) E21B 47/09 (2012.01) G01V 5/12 (2006.01)**
[25] EN
[54] **DOWNHOLE 3D GEO STEERING VIEWER FOR A DRILLING APPARATUS**
[54] **VISUALISEUR DE GEODIRECTION 3D DE FOND DE TROU DESTINE A UN APPAREIL DE FORAGE**
[72] GILLAN, COLIN, US
[72] WHITE, MATTHEW, US
[72] GAJIC, BOSKO, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-03-14
[41] 2018-09-20
[30] US (15/463580) 2017-03-20

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[13] A1
[51] **Int.Cl. F16D 41/12 (2006.01) F16D 11/06 (2006.01) F16D 41/02 (2006.01)**
[25] EN
[54] **SELECTABLE ONE-WAY CLUTCH**
[54] **EMBRAYAGE UNIDIRECTIONNEL A SELECTION**
[72] SHIOIRI, HIROYUKI, JP
[72] SHIBATA, HIROYUKI, JP
[72] KUROSAKI, YUKI, JP
[72] TOMITA, MITSUAKI, JP
[72] KATO, SHOTARO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-03-15
[41] 2018-09-17
[30] JP (2017-052817) 2017-03-17

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[13] A1
[51] **Int.Cl. A62B 3/00 (2006.01)**
[25] EN
[54] **IMPACT TOOLS**
[54] **OUTILS A PERCUSSION**
[72] KRUEGER, DAVID, US
[72] JACKSY, ROBERT, US
[71] UNIQATIVE LLC, US
[22] 2018-03-15
[41] 2018-09-20
[30] US (62/473,776) 2017-03-20
[30] US (15/919,907) 2018-03-13

[21] **2,998,213**
[13] A1
[51] **Int.Cl. A47G 27/00 (2006.01) C09J 7/20 (2018.01) C09J 7/35 (2018.01) B29C 65/52 (2006.01) E04F 21/20 (2006.01)**
[25] EN
[54] **METHOD OF SEAMING CARPET**
[54] **METHODE DE COUTURE DE TAPIS**
[72] BENNETT, DANIEL P., US
[71] BENNETT, DANIEL P., US
[22] 2018-03-16
[41] 2018-09-20
[30] US (15/463,841) 2017-03-20

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **VENTURI JET BASKET ASSEMBLY FOR USE IN A WELLBORE AND METHODS FOR USE**
[54] **ASSEMBLAGE DE PANIER A JET VENTURI DESTINE A UN TROU DE FORAGE ET METHODES D'UTILISATION**
[72] BAUDOIN, TOBY SCOTT, US
[71] KLX ENERGY SERVICES LLC, US
[22] 2018-03-16
[41] 2018-09-20
[30] US (62/473,934) 2017-03-20

[21] **2,998,219**
[13] A1
[51] **Int.Cl. G01G 21/23 (2006.01)**
[25] EN
[54] **SUSPENSION FOR A WEIGHING CELL**
[54] **SYSPENSION DESTINEE A UNE CELLULE DE PESAGE**
[72] SKYUM, HENRIK, DK
[72] BO, MULLER HANSEN, DK
[71] SCANVAEGT SYSTEMS A/S, DK
[22] 2018-03-16
[41] 2018-09-16
[30] DK (2017 70187) 2017-03-16

[21] **2,998,220**
[13] A1
[51] **Int.Cl. A45C 3/02 (2006.01) A45C 5/03 (2006.01) A45C 13/02 (2006.01) A45C 13/30 (2006.01)**
[25] EN
[54] **ADJUSTABLE SECURING ARRANGEMENT FOR SECURING AN OBJECT WITHIN A LUGGAGE ARTICLE**
[54] **AMENAGEMENT DE FIXATION REGLABLE DESTINE A FIXER UN OBJET DANS UN ARTICLE DE BAGAGE**
[72] SEMINARA, MICHELE, IT
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[22] 2018-03-16
[41] 2018-09-17
[30] EP (17161507.3) 2017-03-17

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[13] A1
[51] **Int.Cl. A47G 1/02 (2006.01) A45D 42/00 (2006.01) F21V 8/00 (2006.01) F21V 23/04 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **VANITY MIRROR**
[54] **MIROIR DE MEUBLE-LAVABO**
[72] YANG, FRANK, US
[72] RAPOPORT, ZACHARY, US
[72] BEAUPRE, ERIC, US
[72] KUMAR, SACHIN, US
[72] MACHAKANOOR, CHETAN, US
[72] SUNDAR, VARUN, US
[71] SIMPLEHUMAN, LLC, US
[22] 2018-03-15
[41] 2018-09-17
[30] US (62/472,854) 2017-03-17
[30] US (62/630,660) 2018-02-14
[30] US (15/907,090) 2018-02-27

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[13] A1
[51] **Int.Cl. F04B 43/09 (2006.01) B67D 7/08 (2010.01) B67D 7/66 (2010.01) A47K 5/12 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **SOAP PUMP**
[54] **POMPE A SAVON**
[72] YANG, FRANK, US
[72] COHEN, GUY, US
[72] RAPOPORT, ZACHARY, US
[72] CHEN, HON-LUN, US
[72] BEAUPRE, ERIC, US
[72] KUMAR, SACHIN, US
[72] MACHAKANOOR, CHETAN, US
[72] SUNDAR, VARUN, US
[71] SIMPLEHUMAN, LLC, US
[22] 2018-03-15
[41] 2018-09-17
[30] US (62/472855) 2017-03-17

[21] **2,998,228**
[13] A1
[51] **Int.Cl. B23Q 33/00 (2006.01) B23Q 35/00 (2006.01)**
[25] EN
[54] **KEY DUPLICATION SYSTEM WITH KEY BLANK ORIENTATION DETECTION FEATURES**
[54] **SYSTEME DE REPRODUCTION DE CLE DOTE DE FONCTIONNALITES DE DETECTION D'ORIENTATION DE CLE BRUTE**
[72] SCHMIDT, MICHAEL, US
[72] GRICE, BYRON, US
[71] THE HILLMAN GROUP, INC., US
[22] 2018-03-15
[41] 2018-09-17
[30] US (62/472961) 2017-03-17

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[13] A1
[51] **Int.Cl. A01G 9/02 (2018.01) A47G 7/00 (2006.01)**
[25] EN
[54] **PLANTING POT AND TRAY SYSTEM AND METHOD**
[54] **SYSTEME DE PLATEAU ET JARDINIERE, ET METHODE**
[72] DILLER, SCOTT P., US
[72] LERCEL, MARK S., US
[71] EAST JORDAN PLASTICS, INC., US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472197) 2017-03-16

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[13] A1
[51] **Int.Cl. G01B 5/00 (2006.01) B25D 5/00 (2006.01) B26F 1/32 (2006.01)**
[25] EN
[54] **CENTERLINE AND ANGLE FINDER LAYOUT TOOL FOR CYLINDRICAL AND RADIAL SURFACES**
[54] **OUTIL DE DISPOSITION REPERANT L'ANGLE ET LA LIGNE CENTRALE DESTINE AUX SURFACES CYLINDRIQUES ET RADIALES**
[72] LEGOIS, RICHARD J., US
[71] LEGOIS, RICHARD J., US
[22] 2018-03-15
[41] 2018-09-17
[30] US (15/922,206) 2018-03-15
[30] US (62/472,677) 2017-03-17

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[13] A1
[51] **Int.Cl. B01D 46/52 (2006.01)**
[25] EN
[54] **FUME FILTER BANK WITH PANEL FILTER**
[54] **BANC DE FILTRES D'EMANATIONS DOTE D'UN FILTRE A PANNEAU**
[72] SILVESTRO, NINO V., US
[71] LINCOLN GLOBAL, INC., US
[22] 2018-03-16
[41] 2018-09-17
[30] US (62/472,914) 2017-03-17
[30] US (15/902,070) 2018-02-22

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[13] A1
[51] **Int.Cl. B23K 9/23 (2006.01) B23K 9/095 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POSITIVE METAL IDENTIFICATION AND INTELLIGENT CONSUMBALBE IDENTIFICATION**
[54] **SYSTEME ET METHODE D'IDENTIFICATION DE METAL POSITIVE ET D'IDENTIFICATION DE CONSOMMABLE INTELLIGENTE**
[72] NARAYANAN, BADRI, US
[72] PROCARIO, JOHN, US
[72] KOTTMAN, MICHAEL, US
[71] LINCOLN GLOBAL, INC., US
[22] 2018-03-16
[41] 2018-09-17
[30] US (15/462,439) 2017-03-17

[21] **2,998,249**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06N 3/02 (2006.01)**
[25] EN
[54] **ARTIFICIAL INTELLIGENCE ENGINE INCENTING MERCHANT TRANSACTION WITH CONSUMER AFFINITY**
[54] **MOTEUR D'INTELLIGENCE ARTIFICIELLE INCITANT LA TRANSACTION AVEC UN MARCHAND AYANT UNE AFFINITE AVEC LE CLIENT**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BATES, MATTHEW ARNOLD MACPHERSON, CA
[71] EDATANETWORKS INC., CA
[22] 2018-03-16
[41] 2018-09-17
[30] US (62/472,697) 2017-03-17

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[13] A1
[51] **Int.Cl. B60P 3/00 (2006.01) B60P 1/64 (2006.01) B60P 7/08 (2006.01)**
[25] EN
[54] **SHIPPING SYSTEM AND METHOD FOR ROLLING TARP SYSTEMS**
[54] **SYSTEME ET METHODE D'EXPEDITION DE SYSTEMES DE BACHE ROULANTE**
[72] WESCHKE, KENNETH R., JR., US
[72] CALLAHAN, JOSEPH G., US
[71] TARPSTOP, LLC, US
[22] 2018-03-19
[41] 2018-09-17
[30] US (62/472,934) 2017-03-17

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[13] A1
[51] **Int.Cl. A61K 6/027 (2006.01) A61C 13/00 (2006.01) A61K 6/087 (2006.01)**
[25] EN
[54] **MILLING BLANK FOR PRODUCING AN INDIRECT DENTAL RESTORATION, CORRESPONDING USES AND METHODS**
[54] **EBAUCHE DE FRAISAGE DESTINEE A PRODUIRE UNE RESTAURATION DENTAIRE INDIRECTE, USAGES CORRESPONDANTS ET METHODE**
[72] MALETZ, REINHARD, DE
[72] FONTEIN, NILS, DE
[72] OLDENBURGER, DANIEL, DE
[72] PLAUMANN, MANFRED THOMAS, DE
[71] VOCO GMBH, DE
[22] 2018-03-16
[41] 2018-09-17
[30] DE (10 2017 105 841.9) 2017-03-17

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[13] A1
[51] **Int.Cl. E04D 3/35 (2006.01)**
[25] EN
[54] **ROOFING COVER BOARD WITH COATING**
[54] **PLANCHE DE RECOUVREMENT DE TOITURE DOTEE DE REVETEMENT**
[72] KELLY, THOMAS L., US
[71] KELLY, THOMAS L., US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,242) 2017-03-16
[30] US (62/576,471) 2017-10-24

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[13] A1
[51] **Int.Cl. E04D 3/35 (2006.01)**
[25] EN
[54] **ROOFING COVER BOARD WITH COATING**
[54] **PLANCHE DE RECOUVREMENT DE TOITURE DOTEE DE REVETEMENT**
[72] KELLY, THOMAS L., US
[71] KELLY, THOMAS L., US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,241) 2017-03-16
[30] US (62/576,454) 2017-10-24

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[13] A1
[51] **Int.Cl. B64C 25/00 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] CHIRITOIU, RADU, GB
[72] PARENTE, DANIELE, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2018-03-16
[41] 2018-09-17
[30] EP (17161557.8) 2017-03-17

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[13] A1
[51] **Int.Cl. B64C 25/60 (2006.01) B64C 25/10 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] PARENTE, DANIELE, GB
[72] URBANI, ANDREA, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2018-03-16
[41] 2018-09-17
[30] EP (17161567.7) 2017-03-17

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06N 3/02 (2006.01)**
[25] EN
[54] **ARTIFICIAL INTELLIGENCE ENGINE INCENTING MERCHANT TRANSACTION WITH CONSUMER AFFINITY**
[54] **MOTEUR D'INTELLIGENCE ARTIFICIELLE INCITANT LA TRANSACTION AVEC UN MARCHAND AYANT UNE AFFINITE AVEC LE CLIENT**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] BATES, MATTHEW ARNOLD MACPHERSON, CA
[71] EDATANETWORKS INC., CA
[22] 2018-03-19
[41] 2018-09-17
[30] US (62/472,697) 2017-03-17

[21] **2,998,333**
[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01)**
[25] EN
[54] **DUAL DEVICE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE A DOUBLE DISPOSITIF**
[72] CORMIER, CRAIG STEPHEN, CA
[71] CORMIER, CRAIG STEPHEN, CA
[22] 2018-03-16
[41] 2018-09-20
[30] US (62/473,943) 2017-03-20

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[13] A1
[51] **Int.Cl. B64D 43/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZATION OF AIRCRAFT FUEL ECONOMY IN REAL-TIME**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE L'ECONOMIE DE CARBURANT D'UN AERONEF EN TEMPS REEL**
[72] MEIER, OLIVER C., US
[72] JONSON, KRISTOFFER R., US
[72] EGGINK, ROY A., US
[71] THE BOEING COMPANY, US
[22] 2018-03-16
[41] 2018-09-20
[30] US (15/463126) 2017-03-20

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[13] A1
[51] **Int.Cl. B26D 3/11 (2006.01) A47J 43/25 (2006.01) B26D 3/28 (2006.01)**
[25] EN
[54] **MANDOLINE WITH SPIRALIZER INSERT**
[54] **MANDOLINE EQUIPEE D'UN ACCESSOIRE DE COUPE EN SPIRALE**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,454) 2017-03-16

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[13] A1
[51] **Int.Cl. B26D 1/03 (2006.01) B26B 27/00 (2006.01) B26D 3/26 (2006.01) B26D 7/01 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **WEDGER**
[54] **MALAXEUR**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472395) 2017-03-16

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[13] A1
[51] **Int.Cl. B26D 3/11 (2006.01) A47J 43/28 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **HAND HELD SPIRALIZER**
[54] **APPAREIL DE COUPE EN SPIRALE TENU A LA MAIN**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,429) 2017-03-16

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[13] A1
[51] **Int.Cl. A47J 43/28 (2006.01) A46B 5/00 (2006.01) A47J 17/00 (2006.01) B26D 3/28 (2006.01)**
[25] EN
[54] **CORN STRIPPER**
[54] **EGRENEUSE**
[72] HAUSER, LAWRENCE M., US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,400) 2017-03-16

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[13] A1
[51] **Int.Cl. A47J 43/25 (2006.01)**
[25] EN
[54] **GRATER**
[54] **RAPE**
[72] COTTER, JENNIFER K., US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,439) 2017-03-16

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[13] A1
[51] **Int.Cl. A47J 47/10 (2006.01) A47J 43/24 (2006.01)**
[25] EN
[54] **HERB KEEPER**
[54] **DISPOSITIF DE CONSERVATION DE FINES HERBES**
[72] BAGLEY, JUSTIN, US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
[22] 2018-03-16
[41] 2018-09-16
[30] US (62/472,457) 2017-03-16

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[13] A1
[51] **Int.Cl. G01F 1/692 (2006.01)**
[25] EN
[54] **FLOW SENSOR WITH HOT FILM ANEMOMETER**
[54] **CAPTEUR DE FLUX DOTE D'UN ANEMOMETRE A FILM CHAUD**
[72] CRITCHLEY, MATTHEW W., US
[72] KOEHLER, CHARLES J., III, US
[71] A. O. SMITH CORPORATION, US
[22] 2018-03-19
[41] 2018-09-22
[30] US (15/466,517) 2017-03-22

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[13] A1
[51] **Int.Cl. F16K 31/40 (2006.01) F16K 17/10 (2006.01) F16K 37/00 (2006.01) G01F 5/00 (2006.01)**
[25] FR
[54] **SOLENOID VALVE FOR MONITORING AND CONTROLLING THE SUPPLY OF FLUID FOR A BUILDING INSTALLATION, AND DEVICE IN ADDITION COMPRISING SUCH A SOLENOID VALVE**
[54] **ELECTROVANNE POUR SURVEILLER ET COMMANDER L'ALIMENTATION EN FLUIDE D'UNE INSTALLATION D'UN BATIMENT, ET DISPOSITIF COMPORTANT EN OUTRE UNE TELLE ELECTROVANNE**
[72] KUCHLY, PIERRE, FR
[71] LE SAVOIR INDUSTRIEL, FR
[22] 2018-03-16
[41] 2018-09-21
[30] FR (1770277) 2017-03-21

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[13] A1
[51] **Int.Cl. E01C 19/05 (2006.01) E01C 23/14 (2006.01) F23C 5/00 (2006.01) F23D 14/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INFRARED HEATING OF ASPHALT**
[54] **APPAREIL ET METHODE DE CHAUFFAGE D'ASPHALTE A INFRAROUGE**
[72] CHIODO, VITTO, CA
[72] GOSTMAN, HANS, CA
[71] SMART FIX ASPHALT INFRARED REPAIR LTD., CA
[22] 2018-03-19
[41] 2018-09-17
[30] US (62/473,119) 2017-03-17

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/00 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **CASINO MANAGEMENT NETWORKED COMPUTER SYSTEM AND METHODS OF OPERATING SAME**
[54] **SYSTEME INFORMATIQUE RESEAUTE DE GESTION DE CASINO ET METHODES D'EXPLOITATION ASSOCIEES**
[72] CRITTENDEN, MICHAEL, US
[71] KONAMI GAMING, INC., US
[22] 2018-03-19
[41] 2018-09-20
[30] US (62/473,769) 2017-03-20
[30] US (15/911,790) 2018-03-05

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[13] A1
[51] **Int.Cl. F25D 3/08 (2006.01) A45C 5/00 (2006.01) A47J 41/00 (2006.01)**
[25] EN
[54] **SOFT-SIDED INSULATED CONTAINER WITH INFLATABLE WALL STRUCTURE**
[54] **RECIPIENT ISOLE A PAROI MOLLE DOTE D'UNE STRUCTURE DE PAROI GONFLABLE**
[72] STEPHENS, RICK, US
[71] CALIFORNIA INNOVATIONS INC., CA
[22] 2018-03-19
[41] 2018-09-17
[30] US (62/473,046) 2017-03-17

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[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) G05D 23/19 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR POLLING DEVICES**
[54] **METHODES ET SYSTEMES DESTINES A DES DISPOSITIFS DE SONDAGE**
[72] GANSTER, CHRISTOPHER, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-03-20
[41] 2018-09-20
[30] US (15/463,611) 2017-03-20

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[13] A1
[51] **Int.Cl. H01R 39/64 (2006.01) H01R 39/48 (2006.01)**
[25] FR
[54] **HIGH VOLTAGE ELECTRIC ROTATING JOINT**
[54] **JOINT TOURNANT ELECTRIQUE HAUTE TENSION**
[72] SAINT-MICHEL, LAURENT, FR
[71] EURO TECHNIQUES INDUSTRIES, FR
[22] 2018-03-19
[41] 2018-09-20
[30] FR (17 52 293) 2017-03-20

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[13] A1
[51] **Int.Cl. B05B 15/60 (2018.01) B05B 1/18 (2006.01)**
[25] EN
[54] **HANDS-FREE SPRAYER**
[54] **PULVERISATEUR MAINS LIBRES**
[72] ROSKO, MICHAEL SCOT, US
[72] BAHLER, JORDAN RENEE, US
[72] VEROS, MICHAEL J., US
[71] DELTA FAUCET COMPANY, US
[22] 2018-03-20
[41] 2018-09-21
[30] US (62/474,273) 2017-03-21

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[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **PORTABLE COMPUTING SYSTEM AND PORTABLE COMPUTER FOR USE WITH SAME**
[54] **SYSTEME INFORMATIQUE PORTABLE ET ORDINATEUR PORTABLE DESTINE AUDIT SYSTEME**
[72] ARNOUSE, MICHAEL, US
[71] ARNOUSE, MICHAEL, US
[22] 2018-03-20
[41] 2018-09-22
[30] US (15/466,236) 2017-03-22

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[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) B62D 55/07 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **SNOW VEHICLE**
[54] **VEHICULE DE NEIGE**
[72] MANGUM, ALLEN M., US
[72] BROOKS, JIMMY D., US
[71] POLARIS INDUSTRIES INC., US
[22] 2018-03-20
[41] 2018-09-22
[30] US (62/474876) 2017-03-22

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[21] **2,998,620**
[13] A1
[51] **Int.Cl. A47L 9/00 (2006.01) A47L 7/00 (2006.01) B60S 1/64 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM FOR IN-VEHICLE VACUUM ASSEMBLY**
[54] **MECANISME DE VERROUILLAGE D'UN APPAREIL ASPIRATEUR A BORD D'UN VEHICULE**
[72] YURKO, MICHAEL Z., US
[72] NORELL, NEIL N., US
[71] SHOP VAC CORPORATION, US
[22] 2018-03-20
[41] 2018-09-21
[30] US (62/474300) 2017-03-21

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[13] A1
[51] **Int.Cl. E04G 21/32 (2006.01) E04G 5/14 (2006.01)**
[25] EN
[54] **ROOF SAFETY FALL PREVENTION SYSTEM**
[54] **SYSTEME DE PREVENTION DE CHUTE DE TOIT**
[72] STEVENS, JOSH, CA
[71] STEVENS, JOSH, CA
[22] 2018-03-20
[41] 2018-09-20
[30] US (62/473,746) 2017-03-20

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[13] A1
[51] **Int.Cl. B60R 9/10 (2006.01) B62H 3/12 (2006.01)**
[25] EN
[54] **CLAMPING DEVICE FOR BEING CONNECTED TO FRAME OF BICYCLE CARRY RACK**
[54] **DISPOSITIF DE SERRAGE DESTINE A ETRE CONNECTE A UN CADRE DE SUPPORT A BAGAGE DE BICYCLETTE**
[72] WANG, CHIU-KUEI, CN
[71] KING RACK INDUSTRIAL CO., LTD., CN
[22] 2018-03-20
[41] 2018-09-22
[30] TW (106109605) 2017-03-22

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[13] A1
[51] **Int.Cl. H01H 13/704 (2006.01)**
[25] FR
[54] **SECURE KEYBOARD FOR DATA ENTRY ELECTRONIC DEVICE**
[54] **CLAVIER SECURISE POUR DISPOSITIF ELECTRONIQUE DE SAISIE DE DONNEES**
[72] CARABELLI, ANDRE, FR
[72] PAVAGEAU, STEPHANE, FR
[71] INGENICO GROUP, FR
[22] 2018-03-20
[41] 2018-09-22
[30] FR (1752381) 2017-03-22

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[13] A1
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[54] **SYSTEMS AND METHODS FOR AUTOMATICALLY MONITORING AND CONTROLLING TEMPERATURE FOR A VEHICLE**
[54] **SYSTEMES ET METHODE DE SURVEILLANCE ET CONTROLE AUTOMATIQUES DE LA TEMPERATURE D'UN VEHICULE**
[72] SMITH, BRENDAN, US
[71] PACCAR INC, US
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[25] EN
[54] **BATTERY PACK, BATTERY CHARGER AND BATTERY PACK KIT FOR POWER TOOL**
[54] **BLOC-PILE, CHARGEUR DE PILE ET TROUSSE DE BLOC-PILE DESTINES A UN OUTIL ELECTRIQUE**
[72] LEE, HEI MAN RAYMOND, HK
[72] LI, YONG MIN, CN
[72] ZHENG, YONG RUI, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[54] **WASTE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES DECHETS**
[72] COLLINS, DANIEL PAUL, US
[72] YODER, DOUGLAS, US
[72] LEWIS, RAYMOND, US
[72] HARITAKIS, MICHAEL, US
[72] SULLIVAN, PATRICK, US
[71] ENVIRONMENTAL DATA SYSTEMS, LLC, US
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[25] EN
[54] **TRANSCRITICAL SYSTEM WITH ENHANCED SUBCOOLING FOR HIGH AMBIENT TEMPERATURE**
[54] **SYSTEME TRANSCRITIQUE A SOUS-REFROIDISSEMENT AMELIORE DESTINE A UNE TEMPERATURE AMBIANTE ELEVEE**
[72] RAJENDIRAN, VINOTH RAJ, IN
[72] SAKTHIVEL, SARAVANA VAITHILINGAM, IN
[72] MUKHERJEE, ARIJIT, IN
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-03-20
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[54] **OFF-ROAD UTILITY VEHICLE**
[54] **VEHICULE UTILITAIRE HORS ROUTE**
[72] DANIELSON, DEVIN J., US
[72] KRONE, ADAM C., US
[72] WIATER, NATHAN L., US
[72] SWANSON, AARON L., US
[72] HALVORSON, ERICK J., US
[72] GRANGROTH, DOUGLAS R., US
[72] MILLER, KEVIN J., US
[72] SPINDLER, JARED R., US
[72] COLLYER, LEIGH R., US
[72] HANSEN, DONALD S., US
[72] WOOD, JOSEPH P., US
[72] EASTWOOD, MATT, US
[71] ARCTIC CAT INC., US
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[51] **Int.Cl. B65G 54/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE NORMAL FORCE OF A TRANSPORT UNIT OF A LONG STATOR LINEAR MOTOR**
[54] **METHODE DE CONTROLE DE LA FORCE NORMALE D'UNE UNITE DE TRANSPORT D'UN MOTEUR LINEAIRE A STATOR LONG**
[72] WEBER, ANDREAS, AT
[72] SPANLANG, FRANZ, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
[22] 2018-03-21
[41] 2018-09-21
[30] AT (A50226/2017) 2017-03-21

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[51] **Int.Cl. G08B 29/00 (2006.01) H04N 21/80 (2011.01) G06F 3/01 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENABLING DYNAMIC PRIVACY ZONES IN THE FIELD OF VIEW OF A SECURITY CAMERA BASED ON MOTION DETECTION**
[54] **SYSTEMES ET METHODES D'ACTIVATION DE ZONES PRIVEES DYNAMIQUES DANS LE CHAMP DE VISION D'UNE CAMERA DE SECURITE EN FONCTION DE LA DETECTION DU MOUVEMENT**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. B23K 9/04 (2006.01) B33Y 50/02 (2015.01) B23K 9/095 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS PROVIDING LOCATION FEEDBACK FOR ADDITIVE MANUFACTURING**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR UNE RETROACTION D'EMPLACEMENT EN VUE DE LA FABRICATION ADDITIVE**
[72] DANIEL, JOSEPH A., US
[72] PETERS, STEVEN R., US
[71] LINCOLN GLOBAL, INC., US
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[51] **Int.Cl. G01K 11/00 (2006.01) C09D 5/22 (2006.01) C09D 5/26 (2006.01) C09K 11/00 (2006.01)**
[25] EN
[54] **PHOTOLUMINESCENT THERMOMETRIC TARGET**
[54] **CIBLE THERMOMETRIQUE PHOTOLUMINESCENTE**
[72] STAPLETON, TERRY M., US
[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US
[22] 2018-03-21
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[51] **Int.Cl. B60P 7/04 (2006.01) E04H 15/54 (2006.01)**
[25] EN
[54] **SLIDING TARP SYSTEM**
[54] **SYSTEME DE BACHE COULISSANTE**
[72] BESHIRI, ILIR, CA
[72] KLASSEN, JACOB, CA
[72] NEUFELD, JOHAN, CA
[71] GLIDER SYSTEMS IP INC., CA
[22] 2018-03-21
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[30] CA (2,961,621) 2017-03-22

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[13] A1
[51] **Int.Cl. B61F 3/04 (2006.01) B61F 5/00 (2006.01) B61F 5/38 (2006.01)**
[25] FR
[54] **BOGIE FOR A RAIL VEHICLE INCLUDING AXLES RIGIDLY SECURED TO THE BOGIE CHASSIS**
[54] **BOGIE DE VEHICULE FERROVIAIRE COMPRENANT DES ESSIEUX FIXES RIGIDEMENT AU CHASSIS DU BOGIE**
[72] RODET, ALAIN, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **CANNULA ASSEMBLY**
[54] **ASSEMBLAGE DE CANULE**
[72] BUYDA, OKSANA, US
[72] TOKARZ, CHRISTOPHER, US
[72] ADINOLFI, AMANDA, US
[71] COVIDIEN LP, US
[22] 2018-03-21
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[54] **SYSTEM AND METHOD FOR ACCELERATED SOLVENT RECOVERY**
[54] **SYSTEME ET PROCEDE DE RECUPERATION ACCELEREE DE SOLVANT**
[72] BAHONAR, MEDHI, CA
[72] KAVIANI, DANIAL, CA
[71] CONOCOPHILLIPS COMPANY, US
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[41] 2018-09-17
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[25] EN
[54] **HOMEGROWN CANNABIS STARTER PRODUCT**
[54] **PRODUIT DE DEMARRAGE DE CANNABIS CULTIVE A DOMICILE**
[72] CHABOT, NICOLE, CA
[71] CHABOT, NICOLE, CA
[22] 2018-04-17
[41] 2018-09-17

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[54] **WASTE CONTAINER**
[54] **CONTENANT A DECHETS**
[72] FOSTER, DERICK, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2018-07-17
[41] 2018-09-17
[30] US (15/659,160) 2017-07-25

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[54] **SUSPENDED CEILING SYSTEM INCLUDING PERIMETER MOLDING**
[54] **SYSTEME DE PLAFOND SUSPENDU COMPORTANT UNE MOULURE PERIMETRIQUE**
[72] JAHN, PETER G., US
[72] CORPOLONGO, MICHAEL, US
[71] ROCKWOOL INTERNATIONAL A/S, DK
[22] 2018-07-18
[41] 2018-09-19
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[54] **METHOD AND SYSTEM FOR POSITIONING STATE TRANSITION**
[54] **METHODE ET SYSTEME DE POSITIONNEMENT D'UNE TRANSITION D'ETAT**
[72] BAVAND, MAJID, CA
[72] HUBERMAN, SEAN, CA
[72] GULO, EROS, CA
[71] MAPSTED CORP., CA
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[54] **DISPOSITIF DE FAUCHAGE OU DE BROYAGE**
[72] BACHMANN, CHRISTOPHE, FR
[71] ACTIBAC, FR
[85] 2017-06-08
[86] 2015-12-07 (PCT/FR2015/053353)
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[54] **DUAL BODY VARIABLE DUTY PERFORMANCE OPTIMIZING PUMP UNIT**
[54] **MODULE DE POMPE D'OPTIMISATION A DOUBLE CORPS ET RENDEMENT VARIABLE A LA CHARGE**
[72] LECHNER, GABOR, CA
[72] GONZALEZ, MARCELO JAVIER A., CA
[72] MOHINDRA, ROHIT, CA
[72] VIJAYAN, SANTHOSH, CA
[71] S.A. ARMSTRONG LIMITED, CA
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[25] EN
[54] **NOVEL CELLULOSE COMPOSITE MATERIALS AND METHODS OF MAKING AND USING THE SAME**
[54] **NOUVEAUX MATERIAUX COMPOSITES DE CELLULOSE ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] NONNI, ARTHUR J., US
[72] COURCHENE, CHARLES E., US
[72] SLONE, CHRISTOPHER M., US
[72] CARTER, BLAIR R., US
[72] WELLS, ANNA L., US
[72] KEOUGH, JAMES M., US
[71] GP CELLULOSE GMBH, CH
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[54] **OLIGOMERES D'ESTERS DE DICYCLOPENTADIENE MODIFIES UTILES DANS DES APPLICATIONS DE REVETEMENT**
[72] TERWILLEGAR, ARNE MATTHEW, US
[72] DENNISTON, CHARLISS, US
[72] JAMONNAK, NUTTARA, TH
[72] TOSUKHOWONG, THIDARAT, US
[71] MYRIANT CORPORATION, US
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[54] **ADJUSTABLE FLOW REGULATOR**
[54] **REGULATEUR D'ECOULEMENT REGLABLE**
[72] HOOGENDOORN, JOHN HENRI, AU
[72] COCKS, ANDREW JOHN, AU
[72] LIU, BAN HSI, AU
[72] PEDULLA, STEPHEN FRANK, AU
[71] PHOENIX INDUSTRIES PTY LTD, AU
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[25] EN
[54] **STAND-AND-SPRAY FOAM DELIVERY METHOD AND DEVICE THEREOF**
[54] **PROCEDE DE DISTRIBUTION DE MOUSSE PAR CONTACT PROLONGE ET PAR PULVERISATION ET DISPOSITIF ASSOCIE**
[72] RECORD, JASON, US
[72] SNIPER, TODD, US
[71] RECORD, JASON, US
[85] 2018-07-03
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[51] **Int.Cl. A01F 15/08 (2006.01) A01F 15/00 (2006.01)**
[25] EN
[54] **SELF-ADAPTIVE CONTROL SYSTEM FOR FEEDING MOUTH OPENING OF ROUND BALE BUNDLING MACHINE AND CONTROLLING METHOD THEREOF**
[54] **SYSTEME DE CONTROLE AUTOADAPTATIF SERVANT A ALIMENTER L'OUVERTURE DE BOUCHE D'UNE MACHINE DE MISE EN BALLE RONDE ET METHODE DE CONTROLE ASSOCIEE**
[72] ZHAO, ZHAN, CN
[72] HUANG, HEDONG, CN
[72] YIN, JIANJUN, CN
[72] TANG, ZHONG, CN
[72] TIAN, CHUNJIE, CN
[71] JIANGSU UNIVERSITY, CN
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[25] EN
[54] **MATRIX BOUND NANOVESICLES AND THEIR USE**
[54] **NANOVESICULES LIEES A LA MATRICE ET LEUR UTILISATION**
[72] BADYLAK, STEPHEN FRANCIS, US
[72] HULEIHEL, LUAI, US
[72] HUSSEY, GEORGE S., US
[72] NARANJO GUTIERREZ, JUAN DIEGO, CO
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[51] **Int.Cl. C21D 9/42 (2006.01) C21D 1/10 (2006.01) C21D 9/46 (2006.01)**
[25] EN
[54] **METHOD FOR THERMALLY TREATING A FLAT STEEL PRODUCT, THERMALLY TREATED FLAT STEEL PRODUCT AND USE THEREOF**
[54] **PROCEDE DE TRAITEMENT THERMIQUE D'UN PRODUIT PLAT EN ACIER, PRODUIT PLAT EN ACIER TRAITE THERMIQUEMENT ET SON UTILISATION**
[72] OHSE, PETER, DE
[72] WISCHMANN, STEFAN, DE
[72] PLHA, JENS, DE
[72] KRENKE, THORSTEN, DE
[72] KRANZ, STEFAN, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
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[25] EN
[54] **PROCESS FOR PRODUCING EXO-TETRAHYDRODICYCLOPENTADIENE**
[54] **PROCEDE DE PRODUCTION D'EXO-TETRAHYDRODICYCLOPENTADIENE**
[72] MATHUR, INDRESH, US
[72] KRIEL, KAREL JOHANNES, US
[72] YONEMOTO, EDWARD HIROHITO, US
[71] MONUMENT CHEMICAL HOUSTON, LLC, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTION OF FOULING IN CAUSTIC TOWERS**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREVENTION DE L'ENCRASSEMENT DANS DES TOURS CAUSTIQUES**
[72] TANG, XIAOFENG, CN
[72] ZHANG, GUIXI, CN
[72] HONG, MIKE, CN
[72] SHI, YONGTAO, CN
[72] XU, CHUN, CN
[72] YAN, DENGCHAO, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-09-07
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[25] EN
[54] **THE METHOD OF GENERATING THERMAL ENERGY, DEVICES OF ITS IMPLEMENTATION AND HEAT GENERATION SYSTEMS**
[54] **PROCEDE DE GENERATION D'ENERGIE THERMIQUE, DISPOSITIFS POUR SA MISE EN □UVRE ET SYSTEMES DE GENERATION DE CHALEUR**
[72] OLSHANSKY, OLEG, CZ
[72] HUBENY, EMANUEL, CZ
[72] KOLOSOV, ANDREY, RU
[71] POWER HEAT ENERGY S.R.O., CZ
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[25] EN
[54] **SIGNALING DEVICE AND IMPLEMENT**
[54] **DISPOSITIF DE SIGNALISATION ET APPAREIL ASSOCIE**
[72] KNAB, NIKLAS, DE
[71] KNAB, NIKLAS, DE
[85] 2018-09-07
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[25] EN
[54] **MEASURING EQUIPMENT FOR DETERMINING THE RESULT OF EARTHMOVING WORK**
[54] **EQUIPEMENT DE MESURE POUR DETERMINER LE RESULTAT D'UN TRAVAIL DE TERRASSEMENT**
[72] LINDSKOV, ANDERS, DK
[71] LEICA GEOSYSTEMS TECHNOLOGY A/S, DK
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[51] **Int.Cl. A61K 31/155 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR IDENTIFYING THORACIC AORTIC ANEURYSMS (TAA) IN A SUBJECT**
[54] **PROCEDE IN VITRO D'IDENTIFICATION D'ANEVRISMES DE L'AORTE THORACIQUE (AAT) CHEZ UN SUJET**
[72] REDONDO MOYA, JUAN MIGUEL, ES
[72] MENDEZ-BARBERO, NEREA, ES
[72] OLLER PEDROSA, JORGE, ES
[72] CAMPANERO GARCIA, MIGUEL RAMON, ES
[71] CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (F.S.P.), ES
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[71] UNIVERSIDAD AUTONOMA DE MADRID, ES
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[25] EN
[54] **STENT FOR USING IN BIFURCATIONS**
[54] **DISPOSITIF FORMANT ENDOPROTHESE DESTINE AUX BIFURCATIONS**
[72] NENNIG, ERNST, DE
[72] FISCHER, HARALD, DE
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[54] **SYSTEME D'ISOLATION ELECTRIQUE A BASE DE RESINES EPOXY POUR GENERATEURS ET MOTEURS**
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[72] BAER, DANIEL, CH
[72] STECHER, HARALD, DK
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
[71] ISOVOLTA AG, AT
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[54] **UREES ASYMETRIQUES DE BENZENESULFONYLE ET LEURS UTILISATIONS MEDICALES**
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[72] DAINA, ANTOINE, CH
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[71] HELSINN HEALTHCARE SA, CH
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[54] **METHOD AND APPARATUS FOR FORMING A TRENCH IN A SEA FLOOR**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FORMER UNE TRANCHEE DANS UN FOND MARIN**
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[72] WALKER, JOHN GRAEME, GB
[72] BATESON, SIMON VIVIAN RANULF, GB
[71] SOIL MACHINE DYNAMICS LIMITED, GB
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[72] BRUUN, PER KRISTIAN, NO
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[72] ALMELAND, INGE BERTIN, NO
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[72] WEILAND, HEINZ, DE
[72] BRANDT, GABRIELE, DE
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[54] **ELEMENT DE REVETEMENT RESISTANT A L'ENVIRONNEMENT**
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[72] YOKOI, TAISHI, JP
[72] NAKAHIRA, KENJI, JP
[72] NOMURA, HIROSHI, JP
[72] KITAOKA, SATOSHI, JP
[72] NAKAMURA, TAKESHI, JP
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[72] SCHUCKER, JOSEF, CH
[72] BISSEN, MONIQUE, DE
[71] RIPRUP COMPANY S.A., GG
[71] SCHUCKER, JOSEF, CH
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[54] **PROCEDES ET SYSTEMES D'UTILISATION D'ESTIMATION DE POSE MULTIVUE**
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[72] AMIR, ELIRON, IL
[72] SEZGANOV, DIMA, IL
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[72] WEE, YAO HUANG GAIUS, JP
[72] SIM, MICHAEL HONG CHENG, JP
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[54] **COMPOSITION DE TRAITEMENT ET DE PREVENTION DE POLYARTHRITE RHUMATOIDE**
[72] COSTIN, JOSHUA M., US
[72] WILLIAMS, JOHN M., US
[72] LI, DAN, US
[71] HSRX GROUP, LLC, US
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[54] **PARTICULES DE FERRITE, COMPOSITION DE RESINE ET FILM DE RESINE**
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[72] SUGIURA, TAKAO, JP
[72] IGARASHI, TETSUYA, JP
[72] AGA, KOJI, JP
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[54] **SYSTEME ET PROCEDE DE MISE EN ORDRE D'ELEMENTS, EN PARTICULIER POUR UNE ENCAPSULATION**
[72] PEDERZINI, STEFANO, IT
[72] ORI, ANDREA, IT
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[54] **COMPOSITION ANTIMICROBIENNE ET ANTICOAGULANTE A LARGE SPECTRE**
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[54] **ALLIAGE DE BRASAGE, BILLE DE BRASAGE, BRASAGE DE PUCE, PATE A BRASER ET JOINT DE BRASAGE**
[72] TACHIBANA, KEN, JP
[72] HATTORI, TAKAHIRO, JP
[71] SENJU METAL INDUSTRY CO., LTD., JP
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[54] **COMPOSITION DE GLUCOSE, MATIERE PREMIERE DE FERMENTATION MICROBIENNE ET PROCEDE DE PRODUCTION DE PRODUIT CHIMIQUE**
[72] FUNADA, SHIGEYUKI, JP
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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[72] VULTO, PAUL, NL
[72] KUREK, DOROTA MALGORZATA, NL
[72] JOORE, ADRIANUS THEODORUS, NL
[72] TRIETSCH, SEBASTIAAN JOHANNES, NL
[72] LANZ, HENRIETTE LEONORE, NL
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[72] SÆTHER, MORTEN, NO
[72] REINAS, LORENTS, NO
[72] NESSE, HARALD SIGURD, NO
[71] EQUINOR ENERGY AS, NO
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[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **SYSTEMES ET PROCEDES DE REGULATION D'ECLAIRAGE AMBIANT**
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[72] PLATIKA, DOROS, US
[72] FASSLER, IRENE, US
[72] APPLEMAN, KEN, US
[72] ROA, HARISH, US
[72] HEITMANN, ANNEKE, US
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[54] **APPAREIL ET PROCEDE DE PREHENSION D'UN ELEMENT TUBULAIRE**
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[71] ROBOTIC DRILLING SYSTEMS AS, NO
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[54] **FONCTIONNEMENT D'UN DISPOSITIF DE COMMANDE ELECTRONIQUE DE DEBIT ENTRANT SANS CONNEXION ELECTRIQUE**
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[72] FROSELL, THOMAS J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME, PROCEDE ET DISPOSITIF DE CULTURE AUTOMATISEE A HAUT DEBIT D'ORGANISMES GENETIQUEMENT MODIFIES**
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[72] HOGAN, KAREN, US
[72] HOGAN, MICHAEL, US
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[71] HOGAN, MICHAEL, US
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[54] **TELEMETRIE ELECTROMAGNETIQUE AVEC OUTIL D'ANTENNE A BOBINE ROTATIVE**
[72] AHMADI KALATEH AHMAD, AKRAM, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[71] CAMERON INTERNATIONAL CORPORATION, US
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[54] **FIBRE DE CELLULOSE FINE ET SON PROCEDE DE FABRICATION**
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[72] HORI, MASANORI, JP
[71] KRI, INC., JP
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[72] YAMAMOTO, YASUHIRO, JP
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[54] **ATTENUATION DE FUITES DEPENDANTES DE LA PRESSION DANS DES FORMATIONS NON CLASSIQUES**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FILMS DE FACE ET STRATIFIES AUTOADHESIFS DESTINES A UNE IMPRESSION**
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[72] CHEN, WEN-LI, US
[72] RAMSAY, MICHAEL, US
[72] WANG, SHANSHAN, US
[71] AVERY DENNISON CORPORATION, US
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[54] **CONNECTEURS DE FIBRES OPTIQUES A FERRULE AVEC EQUILIBRAGE DE RETRACTION DE FERRULE**
[72] COMPTON, BRANDON DUVALL, US
[72] ISENHOUR, MICAH COLEN, US
[72] THEUERKORN, THOMAS, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[86] 2017-03-01 (PCT/US2017/020132)
[87] (WO2017/155754)
[30] US (62/306,377) 2016-03-10

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[51] **Int.Cl. G10L 15/26 (2006.01) G06F 17/20 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC PREDICTION OF WORKFLOWS**
[54] **SYSTEMES ET PROCEDES PERMETTANT UN TRAITEMENT DYNAMIQUE DE LA GESTION DES FLUX**
[72] CANARAN, VISHVAS TRIMBAK, US
[72] ELLIS, DAVID ANDREW, CA
[72] NGUYEN, PHUONGLIEN THI, US
[72] KALLIES, ANDREA, US
[71] LIQUID ANALYTICS, INC., CA
[85] 2018-09-07
[86] 2017-01-30 (PCT/US2017/015607)
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[30] US (62/288,923) 2016-01-29

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[51] **Int.Cl. C08B 30/18 (2006.01) C08G 59/00 (2006.01) C08L 1/00 (2006.01) C09D 101/00 (2006.01)**
[25] EN
[54] **COATING FORMULATION WITH AN OPEN TIME ADDITIVE**
[54] **FORMULATION DE REVETEMENT COMPRENANT UN ADDITIF A TEMPS OUVERT**
[72] BRENNAN, DAVID J., US
[72] CARDOEN, GREGOIRE, US
[72] DEROCHER, JONATHAN, US
[72] VAN DYK, ANTONY K., US
[72] YEUNG, KIMY, US
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-07
[86] 2017-03-06 (PCT/US2017/020854)
[87] (WO2017/155845)
[30] US (62/306,964) 2016-03-11

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[13] A1
[51] **Int.Cl. B29C 51/10 (2006.01) E04H 4/08 (2006.01)**
[25] EN
[54] **COVER FOR A SPA AND METHOD OF MANUFACTURING A COVER**
[54] **COUVERCLE DE SPA ET PROCEDE DE FABRICATION D'UN COUVERCLE**
[72] SPICER, WADE, US
[72] WOODS, CHARLES, US
[71] SPICER, WADE, US
[71] WOODS, CHARLES, US
[85] 2018-09-07
[86] 2017-03-06 (PCT/US2017/020857)
[87] (WO2017/155847)
[30] US (62/306,970) 2016-03-11

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[51] **Int.Cl. A61K 35/30 (2015.01) A61K 38/18 (2006.01) A61K 38/30 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **NEURAL STEM CELLS AND USES THEREOF**
[54] **CELLULES SOUCHES NEURALES ET LEURS UTILISATIONS**
[72] ANVERSA, PIERO, US
[71] AAL SCIENTIFICS, INC., US
[85] 2018-09-07
[86] 2017-03-06 (PCT/US2017/020898)
[87] (WO2017/155865)
[30] US (62/305,734) 2016-03-09

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[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/02 (2012.01) G06Q 20/20 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ELECTRONIC DISTRIBUTION OF CONTROLLED TOKENS**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION ELECTRONIQUE DE JETONS CONTROLES**
[72] GOOD, WILLIAM J., US
[72] FIELDS, JOSHUA, US
[72] SMELCER, MARK, US
[72] PATANKAR, AMIT, US
[72] MIRKA, RENEE, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-09-07
[86] 2017-03-07 (PCT/US2017/021024)
[87] (WO2017/155905)
[30] US (15/065,074) 2016-03-09

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[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/426 (2011.01) H04N 21/45 (2011.01) H04N 21/462 (2011.01) H04N 21/61 (2011.01)**
[25] EN
[54] **TELEVISION RECEIVER AUTHORIZATION OVER INTERNET PROTOCOL NETWORK**
[54] **AUTORISATION DE RECEPTEUR DE TELEVISION SUR RESEAU DU PROTOCOLE INTERNET**
[72] GERHARDS, KEITH, US
[72] MINNICK, DANNY J., US
[71] DISH TECHNOLOGIES L.L.C., US
[85] 2018-09-07
[86] 2017-03-07 (PCT/US2017/021034)
[87] (WO2017/155911)
[30] US (15/068,271) 2016-03-11

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[13] A1
[51] **Int.Cl. H04L 12/46 (2006.01) H04W 8/26 (2009.01) H04W 28/06 (2009.01)**
[25] EN
[54] **PROXY MOBILE INTERNET PROTOCOL (PMIP) TUNNEL SELECTION BY A WIRELESS RELAY IN A DATA COMMUNICATION NETWORK**
[54] **SELECTION DE TUNNEL DE PROTOCOLE INTERNET MOBILE MANDATAIRE (PMIP) PAR UN RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-09-07
[86] 2017-03-07 (PCT/US2017/021056)
[87] (WO2017/155922)
[30] US (15/067,844) 2016-03-11

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[13] A1
[51] **Int.Cl. B60G 9/02 (2006.01) B60G 7/00 (2006.01) B60G 11/64 (2006.01) B60G 21/05 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **POWERED VEHICLE SUSPENSION ASSEMBLY**
[54] **ENSEMBLE SUSPENSION DE VEHICULE MOTORISE**
[72] GALLA, JEFFREY, US
[72] HEATH, JASON, US
[72] KLEIN, JASON, US
[71] SAF-HOLLAND, INC., US
[85] 2018-09-07
[86] 2017-03-01 (PCT/US2017/020133)
[87] (WO2017/160502)
[30] US (62/309,736) 2016-03-17

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[13] A1
[51] **Int.Cl. H04N 21/854 (2011.01) G06Q 50/10 (2012.01) G06Q 50/22 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF DYNAMICALLY CREATING A PERSONALIZED WORKOUT VIDEO**
[54] **SYSTEMES ET PROCEDES DE CREATION DYNAMIQUE D'UNE VIDEO D'EXERCICE PERSONNALISEE**
[72] KING, MATTHEW B., US
[72] SWETT, JEFFREY, US
[72] UPSHAW, AARON, US
[72] COTTER, LAWRENCE MILES, US
[71] YOUR TRAINER INC., US
[85] 2018-09-07
[86] 2017-03-07 (PCT/US2017/021116)
[87] (WO2017/155966)
[30] US (62/305,062) 2016-03-08

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[51] **Int.Cl. E21B 29/02 (2006.01) E21B 7/06 (2006.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01) G01V 5/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORATING AND TUNNELING CASED WELLS**
[54] **SYSTEME ET PROCEDE DE PERFORATION ET DE CREUSEMENT DE TUNNELS POUR PUITS TUBES**
[72] LIVESCU, SILVIU, CA
[72] WATKINS, THOMAS J., CA
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-07
[86] 2017-03-02 (PCT/US2017/020353)
[87] (WO2017/155772)
[30] US (62/306,686) 2016-03-11

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[13] A1
[51] **Int.Cl. C12N 1/16 (2006.01) A23K 10/12 (2016.01) C12N 1/21 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS FOR USING PHYTASE IN ETHANOL PRODUCTION**
[54] **PROCEDES D'UTILISATION DE PHYTASE DANS LA PRODUCTION D'ETHANOL**
[72] CUSUMANO, DANIELLE, US
[72] NEWTON, TONY, US
[72] SOLBAK, ARNE I., US
[71] BASF ENZYMES LLC, US
[85] 2018-09-07
[86] 2017-03-03 (PCT/US2017/020592)
[87] (WO2017/155803)
[30] US (62/305,439) 2016-03-08

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[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **METHOD OF COMMISSIONING ELECTROCHROMIC WINDOWS**
[54] **PROCEDE DE MISE EN SERVICE DE FENETRES ELECTROCHROMIQUES**
[72] SHRIVASTAVA, DHAIRYA, US
[72] RUMER, ALEXANDER, US
[72] PRADHAN, ANSHU A., US
[71] VIEW, INC., US
[85] 2018-09-07
[86] 2017-03-03 (PCT/US2017/020805)
[87] (WO2017/155833)
[30] US (62/305,892) 2016-03-09
[30] US (62/370,174) 2016-08-02

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[13] A1
[51] **Int.Cl. E21B 37/02 (2006.01)**
[25] EN
[54] **BRUSH ACTUATOR FOR ACTUATING DOWNHOLE TOOLS**
[54] **ACTIONNEUR A BROSSE DESTINE A L'ACTIONNEMENT D'OUTILS DE FOND**
[72] COYLE, WILLIAM E., JR., US
[71] BILCO TOOLS, INC., US
[85] 2018-09-07
[86] 2017-03-09 (PCT/US2017/021658)
[87] (WO2017/156322)
[30] US (62/305,848) 2016-03-09

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[13] A1
[51] **Int.Cl. A01N 65/00 (2009.01) A61K 36/00 (2006.01)**
[25] EN
[54] **HERBAL FORMULATION TO RAISE THE HUMAN BODY'S PH LEVEL FROM ONE THAT IS ACIDIC TO ONE THAT IS MORE ALKALINE**
[54] **FORMULATION A BASE DE PLANTES POUR AUGMENTER LE PH DU CORPS HUMAIN ET LE FAIRE PASSER D'UN PH ACIDE A PH PLUS ALCALIN**
[72] CHENG, YIN BONG, US
[71] CHENG LAB & COMPANY, LLC, US
[71] CHENG, YIN BONG, US
[85] 2018-09-07
[86] 2017-03-03 (PCT/US2017/020806)
[87] (WO2017/155834)
[30] US (62/304,945) 2016-03-08

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[13] A1
[51] **Int.Cl. C07K 1/22 (2006.01) B01J 20/286 (2006.01)**
[25] EN
[54] **PEPTOID AFFINITY LIGANDS**
[54] **LIGANDS A AFFINITE PEPTOIDIQUES**
[72] MURPHY, ANDREW J., US
[72] BORDELON, TEE, US
[72] CRAPANZANO, MICHAEL, US
[71] MIKE-ANN, LLC, US
[85] 2018-09-07
[86] 2017-03-09 (PCT/US2017/021660)
[87] (WO2017/156324)
[30] US (62/305,831) 2016-03-09
[30] US (62/305,835) 2016-03-09

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[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) C07D 215/02 (2006.01) C07D 215/16 (2006.01)**
[25] EN
[54] **SMALL MOLECULE INDUCERS OF REACTIVE OXYGEN SPECIES AND INHIBITORS OF MITOCHONDRIAL ACTIVITY**
[54] **INDUCTEURS DE PETITES MOLECULES DE DERIVES REACTIFS DE L'OXYGENE ET INHIBITEURS DE L'ACTIVITE MITOCHONDRIALE**
[72] NEAMATI, NOURI, US
[72] SECHI, MARIO, IT
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] UNIVERSITA DEGLI STUDI DI SASSARI, IT
[85] 2018-09-07
[86] 2017-03-07 (PCT/US2017/021150)
[87] (WO2017/155991)
[30] US (62/305,367) 2016-03-08

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) A61K 38/00 (2006.01) C12N 1/21 (2006.01) C12N 15/11 (2006.01) C12N 15/31 (2006.01) C12N 15/62 (2006.01) C12N 15/77 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING AGGREGATE-FREE MONOMERIC DIPHTHERIA TOXIN FUSION PROTEINS AND THERAPEUTIC USES**
[54] **PROCEDES DE PRODUCTION DE PROTEINES DE FUSION DE TOXINE DIPHTERIQUE MONOMERE SANS AGREGAT ET UTILISATIONS THERAPEUTIQUES**
[72] BISHAI, WILLIAM R., US
[72] MURPHY, JOHN R., US
[72] CHEUNG, LAURENE, US
[72] GUPTA, SHASHANK, US
[72] BULLEN, CYNTHIA K., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021715)
[87] (WO2017/156356)
[30] US (62/306,281) 2016-03-10

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[13] A1
[51] **Int.Cl. F03G 7/06 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **MODULAR POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE MODULAIRE**
[72] KELLOGG, JOSEPH LAWRENCE, US
[72] KELLOGG, MINGMING GUE, US
[71] KELLOGG'S RESEARCH LABS, US
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021745)
[87] (WO2017/156371)
[30] US (15/067,051) 2016-03-10

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[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **FERRULE-BASED FIBER OPTIC CONNECTORS WITH FERRULE RETRACTION BALANCING**
[54] **CONNECTEURS DE FIBRES OPTIQUES A FERRULE PRESENTANT UN EQUILIBRAGE DE RETRACTION DE FERRULE**
[72] ISENHOUR, MICAH COLEN, US
[72] THEUERKORN, THOMAS, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021768)
[87] (WO2017/156387)
[30] US (62/306,377) 2016-03-10

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[13] A1
[51] **Int.Cl. G01C 23/00 (2006.01)**
[25] EN
[54] **UNMANNED AIRCRAFT SYSTEMS AND METHODS TO INTERACT WITH SPECIFICALLY INTENDED OBJECTS**
[54] **SYSTEMES D'AERONEFS SANS PILOTE ET PROCEDES POUR INTERAGIR AVEC DES OBJETS SPECIFIQUEMENT PREVUS**
[72] HIGH, DONALD R., US
[72] TAYLOR, ROBERT C., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021774)
[87] (WO2017/180270)
[30] US (62/308,140) 2016-03-14

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[13] A1
[51] **Int.Cl. A61H 35/02 (2006.01) A61F 9/02 (2006.01)**
[25] EN
[54] **THERAPEUTIC EYE TREATMENT WITH GASES**
[54] **TRAITEMENT THERAPEUTIQUE DE L'□IL UTILISANT DES GAZ**
[72] BERDAHL, JOHN, US
[72] TSAI, GEORGE, US
[71] EQUINOX OPHTHALMIC, INC., US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021240)
[87] (WO2017/156050)
[30] US (62/305,751) 2016-03-09

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[13] A1
[51] **Int.Cl. A61K 35/39 (2015.01)**
[25] EN
[54] **PANCREATIC STEM CELLS AND USES THEREOF**
[54] **CELLULES SOUCHES PANCREATIQUES ET LEURS UTILISATIONS**
[72] ANVERSA, PIERO, US
[71] AAL SCIENTIFICS, INC., US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021290)
[87] (WO2017/156076)
[30] US (62/305,736) 2016-03-09
[30] US (62/457,710) 2017-02-10

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[13] A1
[51] **Int.Cl. C22C 14/00 (2006.01) C22F 1/18 (2006.01)**
[25] EN
[54] **ALPHA-BETA TITANIUM ALLOY HAVING IMPROVED ELEVATED TEMPERATURE PROPERTIES AND SUPERPLASTICITY**
[54] **ALLIAGE DE TITANE ALPHA-BETA PRESENTANT DES PROPRIETES A TEMPERATURE ELEVEE ET UNE SUPERPLASTICITE AMELIOREES**
[72] KOSAKA, YOJI, US
[71] TITANIUM METALS CORPORATION, US
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021788)
[87] (WO2017/156401)
[30] US (15/066,193) 2016-03-10

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[13] A1
[51] **Int.Cl. A61L 31/16 (2006.01) A61K 9/51 (2006.01) A61K 33/00 (2006.01) A61K 47/24 (2006.01) A61L 31/04 (2006.01)**
[25] EN
[54] **DELIVERY OF NITRIC OXIDE-RELEASING PHOSPHOLIPIDS, LIPOSOMES, AND HIGH DENSITY LIPOPROTEIN-LIKE NANOPARTICLES (HDL NPS) BY DRUG ELUTING STENTS AND INTRA-ARTERIAL INJECTION**
[54] **ADMINISTRATION DE PHOSPHOLIPIDES, DE LIPOSOMES ET DE NANOPARTICULES DE TYPE LIPOPROTEINES HAUTE DENSITE (HDL NPS) LIBERANT DE L'OXYDE NITRIQUE FAISANT APPEL A DES ENDOPROTHESES AELUTION MEDICAMENTEUSE ET A L'INJECTION INTRA-ARTERIELLE**
[72] THAXTON, C. SHAD, US
[72] RINK, JONATHAN, US
[72] VENKATRAMAN, SUBBU, SG
[71] NORTHWESTERN UNIVERSITY, US
[71] NANYANG TECHNOLOGICAL UNIVERSITY, SG
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021293)
[87] (WO2017/156078)
[30] US (62/305,181) 2016-03-08

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[13] A1
[51] **Int.Cl. A61G 10/00 (2006.01) B01J 19/00 (2006.01) B01L 1/00 (2006.01) E04H 3/08 (2006.01) E04H 5/00 (2006.01) E04H 5/02 (2006.01) F24F 3/16 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE FACILITY**
[54] **INSTALLATION PERSONNALISABLE**
[72] FORTIN, JONATHAN, US
[72] WOOD, LESLEY, CH
[72] WIDMER, STEFAN, CH
[72] CARBONNEAU, SANDA, US
[72] ZAHIRI, ALEXANDER, CH
[71] LONZA LTD, CH
[85] 2018-09-07
[86] 2017-03-10 (PCT/US2017/021838)
[87] (WO2017/156420)
[30] US (62/306,556) 2016-03-10

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[13] A1
[51] **Int.Cl. A61K 31/57 (2006.01) A61K 31/56 (2006.01) A61K 31/575 (2006.01) A61K 31/58 (2006.01)**
[25] EN
[54] **NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF**
[54] **STEROIDES NEUROACTIFS, COMPOSITIONS, ET LEURS UTILISATIONS**
[72] COLQUHOUN, HELEN, US
[72] KANES, STEPHEN JAY, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021325)
[87] (WO2017/156103)
[30] US (62/305,279) 2016-03-08
[30] US (62/355,174) 2016-06-27
[30] US (62/355,669) 2016-06-28
[30] US (62/360,762) 2016-07-11
[30] US (62/360,758) 2016-07-11

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/08 (2006.01) F15B 13/02 (2006.01)**
[25] EN
[54] **INTELLIGENT INJECTOR CONTROL SYSTEM, COILED TUBING UNIT HAVING THE SAME, AND METHOD**
[54] **SYSTEME INTELLIGENT DE COMMANDE D'INJECTEUR, UNITE DE TUBAGE ENROULE LE COMPRENANT ET PROCEDE**
[72] DOBKINS, KEN P., US
[72] WU, BO, US
[72] MURPHY, STUART J., US
[72] RAMSEY, TIMOTHY T., US
[72] NAJAFOV, JEYHUM Y., US
[72] WATKINS, THOMAS T., US
[72] AITKEN, WILLIAM A., US
[72] OLIVER, WILLIAM B., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021336)
[87] (WO2017/156111)
[30] US (15/067,828) 2016-03-11

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[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **TRANSFORMABLE IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE TRANSFORMABLE**
[72] RISHER-KELLY, CLIFFORD M., US
[72] ELGHAZZAWI, ZIAD F., US
[72] GARLOW, DAVID A., US
[71] MEDTRONIC NAVIGATION, INC., US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021345)
[87] (WO2017/156118)
[30] US (15/064,961) 2016-03-09
[30] US (15/065,002) 2016-03-09
[30] US (15/065,071) 2016-03-09

[21] **3,017,180**
[13] A1
[51] **Int.Cl. B01D 46/00 (2006.01)**
[25] EN
[54] **SUPER-PLEATED VEHICLE AIR FILTER**
[54] **FILTRE A AIR DE VEHICULE SUPER-PLISSE**
[72] WILLIAMS, STEVE, US
[71] K&N ENGINEERING, INC., US
[71] WILLIAMS, STEVE, US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021406)
[87] (WO2017/156155)
[30] US (62/305,432) 2016-03-08
[30] US (15/453,353) 2017-03-08

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[13] A1
[51] **Int.Cl. B65D 41/20 (2006.01) A61F 2/02 (2006.01) A61F 2/14 (2006.01) A61M 11/02 (2006.01) B65B 31/00 (2006.01) B65D 83/40 (2006.01) B65D 83/42 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **GAS CANISTERS AND METHODS FOR MAKING THEM**
[54] **CARTOUCHE DE GAZ ET PROCEDES DE FABRICATION**
[72] MCCAWLEY, MATTHEW, US
[72] FLOWERS, MATTHEW, US
[72] BLISS, PETER L., US
[72] AULD, JACK R., US
[71] PICOCYL, LLC, US
[85] 2018-09-07
[86] 2017-03-08 (PCT/US2017/021446)
[87] (WO2017/156186)
[30] US (15/064,464) 2016-03-08

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/04 (2009.01) H04B 7/0452 (2017.01) H04W 84/12 (2009.01)**
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[54] **CLASSIFICATION AND SILENCING FOR UPLINK MULTI-USER TRANSMISSIONS IN WLANS**
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[72] LOU, HANQING, US
[72] XI, FENGJUN, US
[72] YANG, RUI, US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[54] **ABSORBENT ARTICLE WITH ACTIVATABLE MATERIAL**
[54] **ARTICLE ABSORBANT AVEC MATERIAU ACTIVABLE**
[72] LINDNER, TORSTEN, DE
[72] ISELE, OLAF ERIK ALEXANDER, US
[72] ERDEM, GUELTEKIN, DE
[72] AVILES, MISAEL OMAR, US
[72] BERUDA, HOLGER, DE
[72] CLAUSSEN, JAN, DE
[72] ARORA, KELYN ANNE, US
[72] WHITELY, NATHAN RAY, US
[72] LANYI, FRANZ JOSEF, DE
[72] SCHUBERT, DIRK WOLFRAM, DE
[72] HEDE, BARBARA HARLING, DK
[72] BROCH, THOMAS, DK
[72] HANSEN, MORTEN RISE, DK
[72] UDENGAARD, BRIAN, DK
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ELECTRONIC PRESSURE SENSOR FOR MEASUREMENT OF PRESSURE IN A FLUID MEDIA**
[54] **CAPTEUR DE PRESSION ELECTRONIQUE SERVANT A MESURER LA PRESSION DANS UN MILIEU FLUIDE**
[72] HALIMI, HENRY M., US
[71] FLO TECHNOLOGIES, INC., US
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[54] **MATERIAUX COMPOSITES CONTENANT DES POLYSACCHARIDES STRUCTURAUX ET DES PROTEINES STRUCTURELLES ET FORMES A PARTIR DE COMPOSITIONS DE LIQUIDE IONIQUE**
[72] TRAN, CHIEU D., US
[71] MARQUETTE UNIVERSITY, US
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[54] **LUMINAIRE PERIPHERIQUE**
[72] ELMORE, MARK V., US
[72] HODGES, DOUGLAS S., US
[72] WESTON, RUSSELL J., US
[71] HUBBELL INCORPORATED, US
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[54] **ATTENUATEUR LINEAIRE MAGNETIQUE**
[72] ANDERSON, MATT, US
[72] POPOVICH, STEVEN, US
[72] ISAACS, PAUL, US
[72] MCDONALD, JASON, US
[71] SOUND DEVICES, LLC, US
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[54] **METHODS AND SYSTEMS FOR ASSESSING INFERTILITY AND OVULATORY FUNCTION DISORDERS**
[54] **PROCEDES ET SYSTEMES POUR L'EVALUATION DE LA STERILITE ET DES TROUBLES DE LA FONCTION OVULATOIRE**
[72] BEIM, PIRAYE YURTTAS, US
[72] PARFITT, DAVID EMLYN, US
[72] HU-SELIGER, TINA, US
[72] SANTISTEVAN, ANTHONY, US
[71] CELMATIX INC., US
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[54] **ACOUSTIQUE NON LINEAIRE A INVERSION TEMPORELLE POUR MESURES DE PRESSION DE FOND DE TROU**
[72] JOHNSON, PAUL A., US
[72] ULRICH, TIMOTHY J., II, US
[72] LE BAS, PIERRE-YVES, US
[72] GUYER, ROBERT A., US
[72] GOODMAN, HARVEY E., US
[72] REMILLIEUX, MARCEL C., US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[71] CHEVRON U.S.A. INC., US
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[54] **MOLECULES DE LIAISON A L'ILT7 ET LEURS METHODES D'UTILISATION**
[72] VOUSDEN, KATHERINE ANN, GB
[72] DOUTHWAITE, JULIE ANN, GB
[72] DAMSCHRODER, MELISSA MARIE, US
[72] SANJUAN, MIGUEL ANGEL, US
[71] VIELA BIO, INC., US
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[54] **LIGANDS A AFFINITE PEPTOIDIQUES**
[72] MURPHY, ANDREW J., US
[72] BORDELON, TEE, US
[72] CRAPANZANO, MICHAEL, US
[71] MIKE-ANN, LLC, US
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[54] **SYSTEM AND METHOD FOR MONITORING CONDITIONS OF A SUBJECT BASED ON WIRELESS SENSOR DATA**
[54] **SYSTEME ET PROCEDE DE CONTROLE DES CONDITIONS D'UN SUJET SUR LA BASE DE DONNEES DE CAPTEURS SANS FIL**
[72] ACQUISTA, ANGELO JOSEPH, US
[72] BERTOLERO, ARTHUR, US
[72] MA, LEUNG-HANG, US
[72] SHAMBROOM, JOHN, US
[72] MUGHAL, BENJAMIN, US
[72] BOUTHILLIER, ROBERT JOSEPH, US
[72] FUSARO, MICHAEL PETER, US
[72] PERET, JAMES EDWARD, US
[72] GOODRICH, ELIZABETH, US
[72] SPROAT, KEITH, US
[72] OWENS, DEAN, US
[72] CURRIE, DOUG, US
[72] SUNSTEIN, DREW, US
[72] GEYSTER, STEVEN, US
[71] PEERBRIDGE HEALTH, INC., US
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[54] **DISPOSITIFS ET PROCEDES DE MONTAGE DE CADRES DE PORTE**
[72] EGE, PATRICK C., US
[72] VAZQUEZ, ROLDAN, US
[71] MASONITE CORPORATION, US
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[54] **SYSTEMES ET PROCEDES DE REDUCTION DE LATENCE**
[72] ANDREOLI-FANG, JENNIFER, US
[72] MCKIBBEN, BERNARD, US
[71] CABLE TELEVISION LABORATORIES, INC., US
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[54] **CONJUGUES D'INHIBITEURS D'ANHYDRASE CARBONIQUE IX ET LEURS UTILISATIONS**
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[72] VLAHOV, IONTCHO R., US
[72] SHILLINGFORD, JONATHAN M., US
[72] KLEINDL, PAUL J., US
[71] ENDOCYTE, INC., US
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[54] **ENGRAIS ENRICHI EN FER**
[72] CHIA, JAMES LIANG-HIONG, US
[72] KOENIG, JOHN, US
[71] OMS INVESTMENTS, INC., US
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[54] **CELLULES EFFECTRICES IMMUNES EDITEES PAR LE GENOME**
[72] JARJOUR, JORDAN, US
[72] ASTRAKHAN, ALEXANDER, US
[71] BLUEBIRD BIO, INC., US
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[54] **AGENTS ET PROCEDES CIBLANT L'ANHYDRASE CARBONIQUE IX**
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[72] LU, PENGCHENG, US
[71] PURDUE RESEARCH FOUNDATION, US
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[54] **COURROIE TRANSPORTEUSE HAUTE TEMPERATURE**
[72] WINDSOR, LARRY VAUGHN, JR., US
[72] CANNON, WILLIAM, US
[72] HENRY, ALAN SCOTT, US
[72] ROBINSON, BRIAN JON, US
[72] TODD, JASON VANCE, US
[72] TRAVIS, RALPH BUCK, JR., US
[72] MAINE, ROBERT E., JR., US
[72] ROSS, THOMAS CLAUDE, US
[71] CAMBRIDGE INTERNATIONAL INC., US
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[54] **COMMUNICATION DYNAMIQUE D'INFORMATIONS D'UN SIGNAL DE REFERENCE DE DEMODULATION ET D'UN SIGNAL DE REFERENCE DE COMPENSATION DE BRUIT DE PHASE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[54] **PROCEDE D'IMPRESSION A JET D'ENCRE AVEC COULEUR D'ACCOMPAGNEMENT ET COULEUR PRIMAIRE INTEGREES**
[72] CHANG, YING, US
[72] AGASHE, NIKHIL R., US
[72] PECK, JOHN D., US
[71] AVERY DENNISON CORPORATION, US
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[54] **BEAM REFERENCE SIGNAL BASED NARROWBAND CHANNEL MEASUREMENT AND CQI REPORTING**
[54] **MESURE DE CANAL A BANDE ETROITE BASEE SUR UN SIGNAL DE REFERENCE DE FAISCEAU ET RAPPORT DE CQI**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] SADIQ, BILAL, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
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[54] **DISPOSITIF DE TRAITEMENT DE FLUIDE A HAUTE PRESSION CONCU POUR UN TRAITEMENT PAR LOTS**
[72] RATIGAN, MICHAEL, US
[72] HARNEY, DAVID, US
[72] BERNARD, JOHN, US
[71] MICROFLUIDICS INTERNATIONAL CORPORATION, US
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[54] **SELECTION DE ZONE ACTIVE POUR DES RECEPTEURS LIDAR**
[72] IRISH, LINDA, US
[72] VON NOVAK, WILLIAM HENRY, US
[71] QUALCOMM INCORPORATED, US
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[54] **GYPSUM BASED COMPOSITIONS AND PROCESSES FOR MAKING AND USING SAME**
[54] **COMPOSITIONS A BASE DE GYPSE ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] ABOLT, SCOTT J., US
[72] FITZWATER, LUKE R., US
[72] DAVIS, JOHN F., US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[54] **PRODUCTION DE PROTEINES DANS DES LABYRINTHULOMYCETES**
[72] CAIAZZA, NICKY C., US
[72] URANO, JUN, US
[72] WIN, MAUNG N., US
[72] BOLES, KENT S., US
[71] SYNTHETIC GENOMICS, INC., US
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[54] **SYSTEME DE REVETEMENT DE SURFACES PLATES**
[72] REBOLDI, ALESSANDRO, IT
[72] ANGOLI, ROBERTO, IT
[71] REM TEC S.R.L., IT
[85] 2018-09-06
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[54] **SANGLES METALLIQUES**
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[71] HUBBELL INCORPORATED, US
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[54] **PRESENTATION AMELIOREE D'INFORMATIONS ELECTRONIQUES**
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[54] **APPAREIL MEDICAL ORAL**
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[71] MCMURRAY MEDICAL GROUP, LLC, US
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[30] US (62/314,678) 2016-03-29

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[51] **Int.Cl. B29C 64/165 (2017.01) B29C 64/205 (2017.01) B29C 64/314 (2017.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING LAYERS OF PARTICLES FOR USE IN ADDITIVE MANUFACTURING**
[54] **PROCEDE ET APPAREIL DE FORMATION DE COUCHES DE PARTICULES POUR FABRICATION ADDITIVE**
[72] SCHNEIDER, JUAN, CA
[71] NANOGRANDE, CA
[85] 2018-09-10
[86] 2017-03-13 (PCT/CA2017/050328)
[87] (WO2017/156623)
[30] US (62/307,937) 2016-03-14

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[51] **Int.Cl. B65D 33/20 (2006.01)**
[25] EN
[54] **RESEALABLE POUCH FOR PACKAGING**
[54] **POCHE REFERMABLE POUR EMBALLAGE**
[72] JOHNSTON, GLENN, CA
[71] BAGEM PACKAGING SERVICES INCORPORATED, CA
[85] 2018-09-10
[86] 2017-04-28 (PCT/CA2017/050518)
[87] (WO2017/185185)
[30] US (62/329,433) 2016-04-29
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[51] **Int.Cl. G02F 1/035 (2006.01) G02F 1/21 (2006.01)**
[25] EN
[54] **ELECTROOPTIC MODULATOR**
[54] **MODULATEUR ELECTRO-OPTIQUE**
[72] MA, PING, CH
[72] LEUTHOLD, JURG, CH
[71] ETH ZURICH, CH
[85] 2018-09-10
[86] 2016-03-30 (PCT/CH2016/000055)
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[51] **Int.Cl. H01G 11/34 (2013.01) H01G 11/36 (2013.01) H01G 11/86 (2013.01)**
[25] EN
[54] **DIRECT GROWTH OF POLYANILINE NANOTUBES ON CARBON CLOTH FOR FLEXIBLE AND HIGH-PERFORMANCE SUPERCAPACITORS**
[54] **CROISSANCE DIRECTE DE NANOTUBES DE POLYANILINE SUR UN TISSU DE CARBONE POUR DES SUPERCONDENSATEURS FLEXIBLES ET A HAUTES PERFORMANCES**
[72] KANER, RICHARD B., US
[72] EL-KADY, MAHER F., US
[72] MOUSAVI, MIR FAZLOLLAH, IR
[72] HASHEMI, MASUMEH, IR
[72] RAHMANIFAR, MOHAMMAD S., IR
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-07
[86] 2017-03-29 (PCT/US2017/024716)
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[30] US (62/317,120) 2016-04-01

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[51] **Int.Cl. A61K 8/19 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITION COMPRISING WATER DEPLETED IN 2H AND 18O ISOTOPS**
[54] **COMPOSITION COSMETIQUE COMPRENANT DE L'EAU APPAUVRIE EN ISOTOPES 2H ET 18O**
[72] MAYER, WOLFGANG, CH
[72] KORKINA, LIUDMILA, RU
[71] MEDENA AG, CH
[85] 2018-09-10
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[51] **Int.Cl. H04W 12/06 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **AUTHENTICATION MECHANISM FOR 5G TECHNOLOGIES**
[54] **MECANISME D'AUTHENTIFICATION DE TECHNOLOGIES 5G**
[72] MUHANNA, AHMAD SHAWKY, US
[72] WONG, MARCUS, US
[72] XIE, XIANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-09-10
[86] 2017-03-10 (PCT/CN2017/076250)
[87] (WO2017/152871)
[30] US (62/306,550) 2016-03-10
[30] US (62/317,295) 2016-04-01
[30] US (62/383,223) 2016-09-02
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[30] US (62/399,069) 2016-09-23
[30] US (15/453,776) 2017-03-08

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[51] **Int.Cl. F16H 15/38 (2006.01)**
[25] EN
[54] **PLANETARY VARIATOR FOR VARIABLE TRANSMISSION**
[54] **VARIATEUR PLANETAIRE POUR TRANSMISSION VARIABLE**
[72] DE MAZIERE, FILIP, BE
[72] PRESENT, LUCAS, BE
[71] MAZARO NV, BE
[85] 2018-09-10
[86] 2016-04-04 (PCT/EP2016/057323)
[87] (WO2017/174106)

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[51] **Int.Cl. B23C 5/10 (2006.01) B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING INSERT, TOOL HOLDER AND TOOL**
[54] **PLAQUETTE DE COUPE, PORTE-OUTIL ET OUTIL**
[72] KEMMLER, TOBIAS, DE
[72] LUIK, MATTHIAS, DE
[71] HARTMETALL-WERKZEUGFABRIK PAUL HORN GMBH, DE
[85] 2018-09-10
[86] 2017-01-31 (PCT/EP2017/052037)
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[30] DE (10 2016 104 960.3) 2016-03-17

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[51] **Int.Cl. H05H 1/28 (2006.01) H05H 1/34 (2006.01)**
[25] EN
[54] **PLASMA ARC CUTTING SYSTEM, INCLUDING NOZZLES AND OTHER CONSUMABLES, AND RELATED OPERATIONAL METHODS**
[54] **SYSTEME DE COUPE A ARC PLASMA, COMPRENANT DES BUSES ET D'AUTRES CONSOMMABLES, ET PROCEDES DE FONCTIONNEMENT ASSOCIES**
[72] PETERS, JOHN, US
[72] CURRIER, BRIAN J., US
[72] MITRA, MADHURA S., US
[72] MITRA, SOUMYA, US
[71] HYPERTHERM, INC., US
[85] 2018-09-07
[86] 2017-04-11 (PCT/US2017/026896)
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[30] US (62/320,935) 2016-04-11

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[51] **Int.Cl. D06F 67/04 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR RECEIVING, SPREADING/EXTENDING AND FLATTENING**
[54] **APPAREIL DE RECEPTION, D'ETALEMENT/EXTENSION ET D'APLANISSEMENT**
[72] LUNDT, MORTEN, DK
[71] JENSEN DENMARK A/S, DK
[85] 2018-09-10
[86] 2017-03-09 (PCT/EP2017/055525)
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[30] DK (PA201670143) 2016-03-11

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[51] **Int.Cl. C22C 38/22 (2006.01) C22C 38/04 (2006.01) F04D 29/02 (2006.01) F16B 39/00 (2006.01) G21C 3/07 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE, RADIATION-RESISTANT, FERRITIC-MARTENSITIC STEELS**
[54] **ACIERS FERRITIQUES-MARTENSITIQUES RESISTANT AUX RAYONNEMENTS, REFRACTAIRES**
[72] HACKETT, MICAH, US
[71] TERRAPOWER, LLC, US
[85] 2018-09-07
[86] 2017-04-11 (PCT/US2017/027043)
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[30] US (62/321,066) 2016-04-11
[30] US (15/484,001) 2017-04-10

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[51] **Int.Cl. F03D 1/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRANSPORT AND/OR STORAGE OF WIND TURBINE BLADE SHELL HALF PARTS AND RELATED METHOD**
[54] **SYSTEME DE TRANSPORT ET/OU DE STOCKAGE DE MOITIES D'ENVELOPPE DE PALE D'EOLIENNE ET PROCEDE ASSOCIE**
[72] DE WAAL MALEFIJT, BERNARD WILLEM, DK
[72] VAN DER ZEE, JACOBUS, DK
[72] KHAJASAB, KHAJASAB, IN
[71] LM WP PATENT HOLDING A/S, DK
[85] 2018-09-10
[86] 2017-03-09 (PCT/EP2017/055579)
[87] (WO2017/153535)
[30] EP (16159944.4) 2016-03-11

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[51] **Int.Cl. C22C 14/00 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **HCP MATERIALS OF ALUMINUM, TITANIUM, AND ZIRCONIUM, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX HCP CONSTITUES D'ALUMINIUM, DE TITANE ET DE ZIRCONIUM ET PRODUITS FABRIQUES A PARTIR DE CES MATERIAUX**
[72] LIN, JEN, US
[72] YAN, XINYAN, US
[71] ARCONIC INC., US
[85] 2018-09-07
[86] 2017-04-19 (PCT/US2017/028397)
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[30] US (62/325,039) 2016-04-20

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[51] **Int.Cl. C22C 19/05 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01) C22C 19/07 (2006.01)**
[25] EN
[54] **FCC MATERIALS OF ALUMINUM, COBALT, CHROMIUM, AND NICKEL, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX FCC EN ALUMINIUM, COBALT, CHROME ET NICKEL, ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] LIN, JEN, US
[72] YAN, XINYAN, US
[71] ARCONIC INC., US
[85] 2018-09-07
[86] 2017-04-19 (PCT/US2017/028407)
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[30] US (62/325,263) 2016-04-20

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[51] **Int.Cl. B23D 55/08 (2006.01) B23D 59/00 (2006.01) B27B 13/10 (2006.01) B27B 13/16 (2006.01) B27B 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A FEED-SPEED TO A BANDMILL**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE VITESSE D'ALIMENTATION DANS DANS UNE SCIE A RUBAN**
[72] WEIMER, JEFFREY DAVID, US
[71] WEIMER, JEFFREY DAVID, US
[85] 2018-09-07
[86] 2017-04-25 (PCT/US2017/029288)
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[30] US (15/138,090) 2016-04-25

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD TO CUSTOMIZE CHEST DRAINAGE THERAPY**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR PERSONNALISER UNE THERAPIE DE DRAINAGE THORACIQUE**
[72] ANTONICELLI, ALBERTO, IT
[71] ANTONICELLI, ALBERTO, IT
[85] 2018-09-06
[86] 2017-03-07 (PCT/US2017/021155)
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[30] US (62/304,822) 2016-03-07
[30] US (62/343,031) 2016-05-30

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A61K 31/44 (2006.01)**
[25] EN
[54] **B-VITAMIN AND AMINO ACID CONJUGATES OF NICOTINOYL RIBOSIDES AND REDUCED NICOTINOYL RIBOSIDES, DERIVATIVES THEREOF, AND METHODS OF PREPARATION THEREOF**
[54] **CONJUGUES DE VITAMINE B ET D'ACIDES AMINES DE RIBOSIDES DE NICOTINOYLE ET DE RIBOSIDES DE NICOTINOYLE REDUITS, DERIVES DE CEUX-CI, ET LEURS PROCEDES DE PREPARATION**
[72] MIGAUD, MARIE EUGENIE, GB
[72] REDPATH, PHILIP, GB
[72] CROSSEY, KERRI, GB
[72] CUNNINGHAM, RICHARD, GB
[72] DELLINGER, RYAN, US
[72] RHONEMUS, TROY, US
[72] VENKATARAMAN, SYLESH, US
[72] NETTLES, BRIAN, US
[71] CHROMADEX INC., US
[71] THE QUEEN'S UNIVERSITY OF BELFAST, IE
[85] 2018-09-07
[86] 2017-03-16 (PCT/US2017/022779)
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[30] US (62/309,273) 2016-03-16

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ALERTS OPTIMIZED FOR A USER**
[54] **SYSTEME ET PROCEDE DESTINES A FOURNIR DES ALERTES OPTIMISEES A UN UTILISATEUR**
[72] DAVIS, ANNA LEIGH, US
[72] BELLIVEAU, SCOTT M., US
[72] BHAVARAJU, NARESH C., US
[72] BOWMAN, LEIF N., US
[72] CASTILLO, RITA M., US
[72] CONSTANTIN, ALEXANDRA ELENA, US
[72] DRAEGER, RIAN, US
[72] DUNN, LAURA J., US
[72] GABLE, GARY BRIAN, US
[72] GARCIA, ARTURO, US
[72] HALL, THOMAS, US
[72] HAMPAPURAM, HARI, US
[72] HANNEMANN, CHRISTOPHER ROBERT, US
[72] HARLEY-TROCHIMCZYK, ANNA CLAIRE, US
[72] HEINTZMAN, NATHANIEL DAVID, US
[72] JACKSON, ANDREA J., US
[72] JEPSON, LAUREN HRUBY, US
[72] KAMATH, APURV ULLAS, US
[72] KOEHLER, KATHERINE YERRE, US
[72] MANDAPAKA, ADITYA, US
[72] MARSH, SAMUEL JERE, US
[72] MORRIS, GARY A., US
[72] PAI, SUBRAI GIRISH, US
[72] PAL, ANDREW ATTILA, US
[72] POLYTARIDIS, NICHOLAS, US
[72] PUPA, PHILIP THOMAS, US
[72] REIHMAN, ELI, US
[72] RINDFLEISCH, ASHLEY ANNE, US
[72] SCHUNK, SOFIE WELLS, US
[72] SIMPSON, PETER C., US
[72] SMITH, DANIEL, US
[72] VANSLYKE, STEPHEN J., US
[72] VOGEL, MATTHEW T., US
[72] WALKER, TOMAS C., US
[72] WEST, BENJAMIN ELROD, US
[72] WILEY, ATIIM JOSEPH, US
[71] DEXCOM, INC., US
[85] 2018-09-07
[86] 2017-04-28 (PCT/US2017/030219)
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[30] US (62/330,729) 2016-05-02

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[51] **Int.Cl. F16L 27/02 (2006.01) F16L 27/04 (2006.01) F16L 27/08 (2006.01)**
[25] EN
[54] **ANTI-BINDING BALL SWIVEL**
[54] **PIVOT A ROTULE ANTI-LIAISON**
[72] STOLTZ, HERMAN, ZA
[71] NC BRANDS L.P., US
[85] 2018-09-07
[86] 2017-05-16 (PCT/US2017/032850)
[87] (WO2017/161385)

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[13] A1
[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/16 (2006.01) A61M 1/34 (2006.01) B01D 61/14 (2006.01) B01D 61/18 (2006.01) B01D 63/00 (2006.01) B01D 63/08 (2006.01) B01D 69/08 (2006.01)**
[25] EN
[54] **BIOARTIFICIAL ULTRAFILTRATION DEVICE AND METHODS RELATED THERETO**
[54] **DISPOSITIF D'ULTRAFILTRATION BIOARTIFICIELLE ET PROCEDES ASSOCIES**
[72] ROY, SHUVO, US
[72] KANT, RISHI, US
[72] POSSELT, ANDREW, US
[72] SONG, SHANG, US
[72] MOSES, WILLIEFORD, US
[72] BLAHA, CHARLES, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-06
[86] 2017-03-07 (PCT/US2017/021196)
[87] (WO2017/156026)
[30] US (62/304,758) 2016-03-07
[30] US (62/328,298) 2016-04-27

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[51] **Int.Cl. E21B 17/03 (2006.01) E21B 17/046 (2006.01)**
[25] EN
[54] **MINE DRILL SYSTEM WITH ADAPTER**
[54] **SYSTEME DE FORAGE DE MINE AVEC ADAPTATEUR**
[72] HINSHAW, GREGORY E., US
[72] BURGESS, TIMOTHY D., US
[71] J.H. FLETCHER & CO., US
[85] 2018-09-07
[86] 2017-12-20 (PCT/US2017/067639)
[87] (WO2018/119097)
[30] US (62/436,908) 2016-12-20

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[13] A1
[51] **Int.Cl. F03B 13/08 (2006.01)**
[25] EN
[54] **AN ENERGY GENERATING ARRANGEMENT POWERED BY TIDAL WATER AND A METHOD FOR PROVIDING SUCH AN ARRANGEMENT**
[54] **AGENCEMENT DE GENERATION D'ENERGIE ALIMENTE PAR LES MAREES ET PROCEDE DESTINE A PRODUIRE UN TEL AGENCEMENT**
[72] KOLLANDSRUD, ARNE, NO
[72] WIN, SAI THEIN, NO
[72] AMLAND, JOACHIM, NO
[72] HERNASS, SNORRE, NO
[71] TIDETEC AS, NO
[85] 2018-09-10
[86] 2017-03-09 (PCT/EP2017/055592)
[87] (WO2017/153540)
[30] NO (20160419) 2016-03-11

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[13] A1
[51] **Int.Cl. H01Q 1/38 (2006.01) G01S 19/36 (2010.01) H01Q 9/04 (2006.01) H05K 1/03 (2006.01) H05K 3/42 (2006.01)**
[25] EN
[54] **STACKED PATCH ANTENNAS USING DIELECTRIC SUBSTRATES WITH PATTERNED CAVITIES**
[54] **ANTENNES A PLAQUE SUPERPOSEES UTILISANT DES SUBSTRATS DIELECTRIQUES A CAVITES A MOTIFS**
[72] YANG, NING, CA
[71] NOVATEL INC., CA
[85] 2018-09-10
[86] 2017-01-10 (PCT/CA2017/050024)
[87] (WO2017/193206)
[30] US (15/151,122) 2016-05-10

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[13] A1
[51] **Int.Cl. B64C 29/04 (2006.01) B64C 39/06 (2006.01) B64C 39/12 (2006.01) B64D 27/16 (2006.01) B64D 33/04 (2006.01)**
[25] EN
[54] **CONFIGURATION FOR VERTICAL TAKE-OFF AND LANDING SYSTEM FOR AERIAL VEHICLES**
[54] **CONFIGURATION POUR SYSTEME DE DECOLLAGE ET D'ATTERRISSAGE VERTICAL POUR VEHICULES AERIENS**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
[85] 2018-09-06
[86] 2017-03-10 (PCT/US2017/021975)
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[30] US (62/307,318) 2016-03-11

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[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 9/00 (2006.01) A61K 31/47 (2006.01) A61K 47/34 (2017.01) A61K 47/36 (2006.01) C07D 215/18 (2006.01)**
[25] EN
[54] **MONTELUKAST TRANSMUCOSAL FILM**
[54] **FILM A BASE DE MONTELUKAST POUR VOIE TRANSMUCOSALE**
[72] CONWAY, JUSTIN, CA
[72] OBEID, RODOLPHE, CA
[72] PAIEMENT, NADINE, CA
[72] ZERBE, HORST, CA
[71] INTELGENX CORP., CA
[85] 2018-09-10
[86] 2017-03-01 (PCT/CA2017/050267)
[87] (WO2017/152272)
[30] US (15/067,309) 2016-03-11

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTION OF ZIKA VIRUS**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DU VIRUS ZIKA**
[72] DUGENNY, SLAV, US
[72] FISS, ELLEN H., US
[72] FONG, JEFFERY, US
[72] HEIL, MARINTHA, US
[72] SPIER, EUGENE, US
[72] SUN, JINGTAO, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-09-10
[86] 2017-03-10 (PCT/EP2017/055650)
[87] (WO2017/153566)
[30] US (62/306,803) 2016-03-11
[30] US (62/327,688) 2016-04-26

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[13] A1
[51] **Int.Cl. C08K 5/56 (2006.01) C08K 5/57 (2006.01) C08K 5/58 (2006.01)**
[25] EN
[54] **METHYL AND OCTYL TIN - REACH COMPLIANT HIGH PERFORMANCE STABILIZER FOR PVC FILM MANUFACTURE**
[54] **STABILISANT HAUTE PERFORMANCE A BASE DE METHYLETAIN ET D'OCTYLETAIN, CONFORME A REACH POUR LA FABRICATION DE FILMS EN PVC**
[72] MESCH, KEITH, US
[72] DYMEK, ANTHONY, US
[71] PMC ORGANOMETALLIX, INC., US
[85] 2018-09-06
[86] 2017-01-31 (PCT/US2017/015740)
[87] (WO2017/155630)
[30] US (62/305,013) 2016-03-08
[30] US (15/419,881) 2017-01-30

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[13] A1
[51] **Int.Cl. D04H 1/4291 (2012.01) D04H 1/4334 (2012.01) D04H 1/435 (2012.01) D04H 1/46 (2012.01) D06N 7/00 (2006.01)**
[25] EN
[54] **NON-WOVEN STRUCTURE WITH FIBERS CATALYZED BY A METALLOCENE CATALYST**
[54] **STRUCTURE DE NON TISSE A FIBRES CATALYSEES PAR UN CATALYSEUR DE METALLOCENE**
[72] VROMMAN, TIM, BE
[72] DE KEYZER, DAAN, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2018-09-10
[86] 2017-03-17 (PCT/EP2017/056438)
[87] (WO2017/162540)
[30] BE (2016/5213) 2016-03-24

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[13] A1
[51] **Int.Cl. H02J 5/00 (2016.01) H02J 50/12 (2016.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSFER CONTROL**
[54] **COMMANDE DE TRANSFERT DE PUISSANCE INDUCTIVE**
[72] GOELDI, BENRIAH, DE
[72] TRITSCHLER, JOHANNES, DE
[71] BLUE INDUCTIVE GMBH, DE
[85] 2018-09-10
[86] 2017-03-10 (PCT/EP2017/055669)
[87] (WO2017/157790)
[30] EP (16160595.1) 2016-03-16

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 17/00 (2006.01) A61B 18/00 (2006.01) A61B 18/02 (2006.01) A61B 18/04 (2006.01) A61B 18/12 (2006.01)**
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[54] **IMPROVED DEVICES, SYSTEMS AND METHODS FOR IRRIGATED ABLATION**
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[72] KOBLISH, JOSEF VINCENT, US
[72] CHUN, DONGHOON, US
[72] JOHNSON, JESSI E., US
[72] SCHULTHEIS, ERIC ANDREW, US
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[72] BORREBAECK, CARL A.K., SE
[72] JOHANSSON, HENRIK, SE
[72] ALBREKT, ANN-SOFIE, SE
[72] ZELLER, KATHRIN STEPHANIE, SE
[72] CHAWADE, AAKASH, SE
[72] LINDBERG, TIM CARL SEWE, SE
[72] FORRERYD, ANDY ANDREAS SEBASTIAN, SE
[71] SENZAGEN AB, SE
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[54] **REPLICON D'ARN POUR OBTENIR UNE EXPRESSION VERSATILE ET EFFICACE DE GENE**
[72] BEISSERT, TIM, DE
[72] SAHIN, UGUR, DE
[72] PERKOVIC, MARIO, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
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[54] **PROCEDE D'INJECTION D'ENERGIE ELECTRIQUE DANS UN RESEAU D'ALIMENTATION ELECTRIQUE AU MOYEN D'UN PARC EOLIEN ET PARC EOLIEN EQUIPE D'UN DEMARRAGE AUTONOME**
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[72] BARTSCH, MATTHIAS, DE
[72] KRUSE, MARCEL, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **CATALYSEURS ET PROCEDES POUR LES TRAITEMENTS DE GAZ NATUREL**
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[72] USEN, NDIFREKE INI, US
[72] SCHAMMEL, WAYNE P., US
[72] HAROUN, YACINE, US
[72] FREER, ERIK M., US
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[54] **PROCEDES ET SYSTEMES D'INFORMATIQUE QUANTIQUE**
[72] DADASHIKELAYEH, MAJID, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
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[71] HOGANAS AB (PUBL), SE
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[54] **ALLIAGES D'ALUMINIUM AYANT DES PROPRIETES A LA TRACTION AMELIOREES**
[72] BRETON, FRANCIS, CA
[72] BOURASSA, BRUNO, CA
[72] MALTAIS, ALEXANDRE, CA
[72] BOUDREAULT, CLEMENT, CA
[72] TREMBLAY, DANY, CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[54] **METHOD AND SYSTEM FOR EFFICIENT SHARED TRANSACTION PROCESSING**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT EFFICACE DE TRANSACTIONS PARTAGEES**
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[72] LIU, WEILONG, SG
[72] YANG, MO, SG
[72] LUO, YUN, SG
[72] ACHHRA, SANTOSH LACHHMAN, SG
[72] SUNDARARAJAN, ANANDAN ETHIRKOTTAI, SG
[72] ZHANG, HAOCHUAN, SG
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[72] CEGLA, FREDERIC BERT, GB
[72] HERDOVICS, BALINT, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
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[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **TOLE D'ACIER RESISTANTE A L'ABRASION ET PROCEDE DE PRODUCTION DE TOLE D'ACIER RESISTANTE A L'ABRASION**
[72] TERAZAWA, YUSUKE, JP
[72] TAKAYAMA, NAOKI, JP
[72] HAYASHI, KENJI, JP
[72] HASE, KAZUKUNI, JP
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[72] MORSE, THOMAS P., US
[72] DE, WU, CN
[72] ZHANG, JACK, CN
[72] BUI, JEANETTE V., US
[71] SPECTRUM BRANDS, INC., US
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[54] **ARN A REPLICATION TRANS**
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[72] SAHIN, UGUR, DE
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[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **TOLE D'ACIER RESISTANTE A L'ABRASION ET PROCEDE DE PRODUCTION DE TOLE D'ACIER RESISTANTE A L'ABRASION**
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[72] TAKAYAMA, NAOKI, JP
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[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE**
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[72] YANAGISAWA, MASANARI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **WORK MACHINE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE MACHINE DE TRAVAIL**
[72] OGIHARA, MASANORI, JP
[72] TAKEDA, KOJI, JP
[72] OZAKI, TOMONORI, JP
[72] NISHIJIMA, AKIHARU, JP
[72] KOU, RYUUEN, JP
[71] KOMATSU LTD., JP
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[54] **PROCESS FOR PREPARATION OF BEADS FOR IMAGING**
[54] **PROCEDE DE PREPARATION DE BILLES DESTINEES A L'IMAGERIE**
[72] SRINIVAS, MANGALA, NL
[72] KOSHKINA, OLGA, NL
[72] FIGDOR, CARL GUSTAV, NL
[72] DE VRIES, INGRID JOLANDA MONIQUE, NL
[71] STICHTING KATHOLIEKE UNIVERSITEIT, NL
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[54] **WORK MACHINE MANAGEMENT SYSTEM AND WORK MACHINE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION DE MACHINE DE TRAVAIL ET PROCEDE DE GESTION DE MACHINE DE TRAVAIL**
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[72] GOUNOU, FRANCK EMMANUEL, NL
[72] WEEBER, HENDRIK A., NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] VAN DER MOOREN, MARRIE H., NL
[72] STATE, MIHAI, NL
[72] PIERS, PATRICIA ANN, NL
[72] ALARCON HEREDIA, AIXA, NL
[72] SELLITRI, DORA, IT
[71] AMO GRONINGEN B.V., NL
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[54] **MOULE D'INJECTION, PROCEDE DE MOULAGE PAR INJECTION, ET ARTICLE MOULE**
[72] HANAOKA, ATSUSHI, JP
[72] YUSA, ATSUSHI, JP
[72] WATANABE, TAKAHIRO, JP
[72] SAKAI, KENTARO, JP
[72] KAWANO, KAZUHIRO, JP
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[71] HONDA MOTOR CO., LTD., JP
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[54] **PROCEDE DE PURIFICATION DU SCANDIUM**
[72] SENBA, YUSUKE, JP
[72] MATSUOKA, ITSUMI, JP
[72] KOBAYASHI, HIROSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] **CARBON POWDER FOR FUEL CELL AND CATALYST, ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL USING THE CARBON POWDER FOR FUEL CELL**
[54] **POUDRE DE CARBONE POUR PILES A COMBUSTIBLE, CATALYSEUR UTILISANT LADITE POUDRE DE CARBONE POUR PILES A COMBUSTIBLE, COUCHE DE CATALYSEUR D'ELECTRODE, ENSEMBLE MEMBRANE-ELECTRODES ET PILE A COMBUSTIBLE**
[72] OKUI, TAKEHIKO, JP
[72] TANAKA, HIROYUKI, JP
[72] ARIHARA, KAZUKI, JP
[72] MASHIO, TETSUYA, JP
[72] OHMA, ATSUSHI, JP
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[54] **PROCEDE DE SOUDAGE PAR JOINTS ET DISPOSITIF DE SOUDAGE PAR JOINTS**
[72] IGAUE, MITSUTAKA, JP
[72] ISHIKAWA, YUYA, JP
[72] KAWAI, YASUHIRO, JP
[72] KODAMA, TETSUYA, JP
[72] YAMAASHI, KAZUHIKO, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **FRP SHEET PRESS MOLDING METHOD AND DEVICE AND FRP MOLDED ARTICLE**
[54] **PROCEDE ET DISPOSITIF DE PRESSE PAR VOIE HUMIDE DE FEUILLE EN PLASTIQUE RENFORCE DE FIBRE DE VERRE ET ARTICLE MOULE EN PLASTIQUE RENFORCE DE FIBRE DE VERRE**
[72] SAKURAI, MOTOKI, JP
[72] HAYASHI, KENJI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-09-10
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[54] **POLYCOMPLEXES DE COMPOSES POLY-LYSINE POUR LA PREVENTION ET/OU LA LUTTE CONTRE LA SCLEROSE LATERALE AMYOTROPHIQUE**
[72] GEFFARD, MICHEL, FR
[71] GEMAC, FR
[85] 2018-09-10
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[54] **INDOLE DERIVATIVES AND THEIR USE AS PROTEIN KINASE INHIBITORS**
[54] **DERIVES DE PYRAZINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PROTEINES KINASES**
[72] WALTERS, IAIN, GB
[72] BIRCH, LOUISE, GB
[72] COLLINGWOOD, STEPHEN PAUL, GB
[72] STEVENSON, CHRISTOPHER SCOTT, GB
[71] RESPIVERT LIMITED, GB
[85] 2018-09-10
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[54] **MATERIAU INDUISANT LA REGENERATION DE TISSUS NERVEUX**
[72] SUZUKI, YOSHIHISA, JP
[72] TANIHARA, MASAO, JP
[72] ISAJI, MITSUKO, JP
[71] TAZUKE KOFUKAI, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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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] HARADA, HIROKI, 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] **APPAREIL DE POSITIONNEMENT DES DENTS DESTINE A FERMER LES ESPACES INTERDENTAIRES**
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[72] MARTZ, ANDREW S., US
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[54] **CAPTEURS A ULTRASONS POUR MESURER LA RUGOSITE DU TERRAIN**
[72] FERRARI, LUCA, IT
[71] CNH INDUSTRIAL ITALIA S.P.A., IT
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[25] EN
[54] **METHOD FOR BUYING/SELLING PET BY USING CUSTOMIZED PET SELECTIVE MATING AND SERVER FOR EXECUTING SAME**
[54] **PROCEDE POUR ACHETER/VENDRE UN ANIMAL DOMESTIQUE PAR UTILISATION D'UN ACCOUPLEMENT SELECTIF D'ANIMAL DOMESTIQUE PERSONNALISE ET SERVEUR POUR L'EXECUTER**
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[72] JIN, SO HUI, KR
[72] CHOI, EUN SUK, KR
[71] JIN, JEONG SIK, KR
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[54] **CARBON DIOXIDE RECOVERY METHOD AND RECOVERY DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RECUEIL DE DIOXYDE DE CARBONE**
[72] NAITO, TOSHIYUKI, JP
[71] IHI CORPORATION, JP
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[54] **GRAY CAST IRON INOCULANT**
[54] **INOCULANT DE FONTE GRISE**
[72] LIPTAK, MATTHEW, US
[71] ELKEM ASA, NO
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[54] **ALLELE-SPECIFIC GENE SUPPRESSION**
[54] **SUPPRESSION DE GENE SPECIFIQUE A UN ALLELE**
[72] MUNTONI, FRANCESCO, GB
[72] ZHOU, HAIYAN, GB
[72] REILLY, MARY, GB
[71] UCL BUSINESS PLC, GB
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[25] EN
[54] **RESPIRATORY EQUIPMENT PACKAGING AND A PACKAGING INSERT FOR RESPIRATORY EQUIPMENT**
[54] **EMBALLAGE D'EQUIPEMENT RESPIRATOIRE ET GARNITURE D'EMBALLAGE POUR EQUIPEMENT RESPIRATOIRE**
[72] SCHEIRLINCK, ERIK ROBERTUS, NZ
[72] DUTHIE, NEIL GRAY, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-09-10
[86] 2017-03-17 (PCT/NZ2017/050026)
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[25] EN
[54] **FASTENER DRIVING TOOL**
[54] **OUTIL D'ENFONCEMENT D'ELEMENT DE FIXATION**
[72] MEYER, ROBERT J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-09-10
[86] 2017-02-08 (PCT/US2017/016970)
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[54] **DETERMINING RUPTURE ENVELOPES OF A FAULT SYSTEM**
[54] **DETERMINATION D'ENVELOPPES DE RUPTURE D'UN SYSTEME DE DEFAUT**
[72] MAERTEN, FRANTZ, FR
[72] MAERTEN, LAURENT, FR
[72] JOONNEKINDT, JEAN PIERRE, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-09-10
[86] 2017-02-09 (PCT/US2017/017082)
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[51] **Int.Cl. B66C 13/22 (2006.01) B66C 13/16 (2006.01) B66C 13/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A LOAD IN A MATERIAL HANDLING SYSTEM**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UNE CHARGE DANS UN SYSTEME DE MANUTENTION DE MATERIAU**
[72] VERHEYEN, KURTIS, US
[72] KURECK, AARON, US
[71] MAGNETEK, INC., US
[85] 2018-09-10
[86] 2017-02-16 (PCT/US2017/018033)
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[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **SYSTEM FOR SIDE INSERTION OF A BICONDYLAR MINI KNEE IMPLANT**
[54] **SYSTEME D'INSERTION LATERALE DE MINI-IMPLANT DE GENOU BICONDYLAIRE**
[72] ZAFER, TERMANINI, US
[71] JOINT INNOVATION TECHNOLOGY LLC, US
[85] 2018-09-10
[86] 2017-02-16 (PCT/US2017/018058)
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[51] **Int.Cl. E04B 1/00 (2006.01) A01G 9/14 (2006.01) A01G 13/02 (2006.01) E04H 5/08 (2006.01)**
[25] EN
[54] **STRUCTURES**
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[72] LEE, PHILLIP, GB
[71] EVOLVE GROWING SOLUTIONS LIMITED, GB
[85] 2018-09-10
[86] 2017-03-13 (PCT/GB2017/050669)
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[54] **EXTRACT AND METHOD OF EXTRACTION**
[54] **EXTRAIT DE NID D'OISEAU COMESTIBLE, ET PROCEDE D'EXTRACTION**
[72] LIM, KAH MENG, SG
[71] LIM, KAH MENG, SG
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[25] EN
[54] **APPARATUS AND METHOD FOR FILTERING LIQUID PARTICLES FROM INSPIRATORY GAS FLOW OF A PATIENT BREATHING CIRCUIT AFFILIATED WITH A VENTILATOR AND/OR NITRIC OXIDE DELIVERY SYSTEM**
[54] **APPAREIL ET PROCEDE DE FILTRATION DE PARTICULES LIQUIDES A PARTIR D'UN FLUX DE GAZ INSPIRE D'UN CIRCUIT DE RESPIRATION D'UN PATIENT AFFILIE A UN VENTILATEUR ET/OU SYSTEME DE DISTRIBUTION D'OXYDE NITRIQUE**
[72] BIBA, SCOTT I., US
[72] FALLIGANT, JOHN, US
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, IE
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[54] **AIR FILTER FOR TURBOCHARGERS AND SUPERCHARGERS**
[54] **FILTRE A AIR POUR TURBOCOMPRESSEURS ET SURCOMPRESSEURS**
[72] WILLIAMS, STEVE, US
[71] K&N ENGINEERING, INC., US
[71] WILLIAMS, STEVE, US
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[86] 2017-03-09 (PCT/US2017/021505)
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[54] **AMBIGUOUS RADAR RANGE RESOLUTION USING RANGE LOOKUP TABLE**
[54] **RESOLUTION DE DISTANCE RADAR AMBIGUE A L'AIDE D'UNE TABLE DE CONSULTATION DE DISTANCE**
[72] BEITELSPACHER, JUSTIN R., US
[72] MARTINEZ, CARLOS A., US
[71] RAYTHEON COMPANY, US
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[86] 2017-03-03 (PCT/US2017/020801)
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[25] EN
[54] **FOOD PROCESSING SYSTEM AND A METHOD INCLUDING TESTING A FOREIGN OBJECT SENSOR**
[54] **SYSTEME DE TRAITEMENT DES ALIMENTS ET PROCEDE COMPRENANT LE TEST D'UN CAPTEUR DE CORPS ETRANGERS**
[72] HIRZEL, NICHOLSON JAMES, US
[71] KELLOGG COMPANY, US
[85] 2018-09-10
[86] 2017-03-09 (PCT/US2017/021507)
[87] (WO2017/156226)
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[51] **Int.Cl. A61K 31/433 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CDKL5 DISORDERS WITH GSK3.BETA. INHIBITOR TIDEGLUSIB**
[54] **TRAITEMENT DE TROUBLES DE CDKL5 AVEC TIDEGLUSIB, INHIBITEUR DE GSK3?**
[72] CIANI, ELISABETTA, IT
[72] FUCHS, CLAUDIA, IT
[71] ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT
[85] 2018-09-10
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[25] EN
[54] **DOPAMINE D3 RECEPTOR SELECTIVE ANTAGONISTS/PARTIAL AGONISTS; METHOD OF MAKING; AND USE THEREOF**
[54] **ANTAGONISTES/AGONISTES PARTIELS SELECTIFS DU RECEPTEUR D3 DE LA DOPAMINE ; PROCEDE DE PREPARATION ; ET UTILISATION ASSOCIEE**
[72] NEWMAN, AMY HAUCK, US
[72] KUMAR, VIVEK, US
[72] SHAIK, ANVER BASHA, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2017-03-08 (PCT/US2017/021328)
[87] (WO2017/160552)
[30] US (62/307,600) 2016-03-14

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[25] EN
[54] **SOIL PROTECTION**
[54] **PROTECTION DE SOL**
[72] STROUP, JUTIN L., US
[72] DIMINICK, ANTHONY SCOTT, US
[72] JACKSON, DANE R., US
[72] SILVER, DANIEL A., US
[71] NEW PIG CORPORATION, US
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[86] 2017-03-08 (PCT/US2017/021344)
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[30] US (62/305,668) 2016-03-09

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[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR POINT TO POINT TRANSACTION PROCESSING**
[54] **PROCEDE ET SYSTEME PERMETTANT UN TRAITEMENT D'UNE TRANSACTION DE POINT A POINT**
[72] MATTINGLY, TIMOTHY WARREN, US
[72] MEHTA, SAURABH, US
[72] RETHORN, MIKE, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[87] (WO2017/156204)
[30] US (62/307,017) 2016-03-11

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[54] **CXCR-2 INHIBITORS FOR TREATING CRYSTAL ARTHROPATHY DISORDERS**
[54] **INHIBITEURS DU CXCR-2 PERMETTANT DE TRAITER DES TROUBLES ASSOCIES A UNE ARTHROPATHIE CRISTALLINE**
[72] NANAVATI, PAYAL, US
[72] MINER, JEFFREY, US
[71] ARDEA BIOSCIENCES, INC., US
[85] 2018-09-10
[86] 2017-03-09 (PCT/US2017/021570)
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[30] US (62/307,348) 2016-03-11

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[54] **COMPOSITIONS AND METHODS FOR TREATING PARKINSON'S DISEASE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] PAHAN, KALIPADA, US
[71] RUSH UNIVERSITY MEDICAL CENTER, US
[85] 2018-09-10
[86] 2017-03-09 (PCT/US2017/021541)
[87] (WO2017/156248)
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[25] EN
[54] **APPARATUS AND COSMETIC METHOD FOR PROVIDING COOLING TO A SKIN TISSUE TREATMENT HEAD**
[54] **APPAREIL ET PROCEDE COSMETIQUE POUR PRODUIRE UN REFROIDISSEMENT D'UNE TETE DE TRAITEMENT DE TISSU CUTANE**
[72] AZAR, ZION, IL
[72] GERSHONOWITZ, AMIKAM, IL
[71] POLLOGEN LTD., IL
[85] 2018-09-10
[86] 2017-03-13 (PCT/IB2017/051454)
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[30] US (62/308,360) 2016-03-15

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[51] **Int.Cl. C22B 3/00 (2006.01)**
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[54] **RECOVERY OF PRECIOUS AND RARE EARTH METALS USING CYCLODEXTRIN**
[54] **RECUPERATION DE METAUX PRECIEUX ET DE TERRES RARES A L'AIDE DE CYCLODEXTRINE**
[72] PETTMAN, ROGER BRUCE, US
[72] ARNOLD, DALE F., US
[71] CYCLADEX INC., US
[85] 2018-09-10
[86] 2017-03-17 (PCT/IB2017/051556)
[87] (WO2017/158561)
[30] US (62/309,601) 2016-03-17

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[13] A1
[51] **Int.Cl. G03B 19/12 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **TIME MULTIPLEXING PROGRAMMABLE FIELD OF VIEW IMAGING**
[54] **IMAGERIE DE CHAMP DE VISION PROGRAMMABLE A MULTIPLEXAGE TEMPOREL**
[72] ZHOU, CHANGYIN, US
[71] VISBIT INC., US
[85] 2018-09-10
[86] 2017-03-09 (PCT/US2017/021621)
[87] (WO2017/156302)
[30] US (62/306,615) 2016-03-10

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[51] **Int.Cl. B65D 25/00 (2006.01) A61J 1/03 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR NOTIFYING A USER ABOUT AN ESTIMATED TIME OF CONSUMPTION OF A PRODUCT**
[54] **PROCEDE ET SYSTEME DE NOTIFICATION D'UN TEMPS DE CONSOMMATION ESTIME D'UN PRODUIT A UN UTILISATEUR**
[72] KAPLAN, NIMROD, IL
[71] WATERIO LTD., IL
[85] 2018-09-10
[86] 2017-03-14 (PCT/IL2017/050324)
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[30] US (62/307,980) 2016-03-14

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[54] **INGESTIBLE BIO-TELEMETRY COMMUNICATION NETWORK AND ASSOCIATED SYSTEMS**
[54] **RESEAU DE COMMUNICATION DE TELEMESURE BIOLOGIQUE INGERABLE ET SYSTEMES ASSOCIES**
[72] MYERS, BRENT ARNOLD, US
[72] SHEETS, JUDD, US
[72] EILIANO, NEIL, US
[72] BUFFKIN, ERIC, US
[71] ETECTRX, INC., US
[85] 2018-09-10
[86] 2017-03-09 (PCT/US2017/021664)
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 8/49 (2006.01) C07D 209/12 (2006.01)**
[25] EN
[54] **MALASSEZIN AND ANALOGS THEREOF AS SKIN BRIGHTENING AGENTS**
[54] **MALASSEZINE ET ANALOGUES CORRESPONDANTS EN TANT QU'AGENTS D'ECLAIRCISSEMENT DE LA PEAU**
[72] EINZIGER, MICHAEL, US
[72] SIMPSON, ANN MARIE, US
[71] EINZIGER, MICHAEL, US
[71] SIMPSON, ANN MARIE, US
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[30] US (62/306,468) 2016-03-10

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[25] EN
[54] **METHOD OF MANUFACTURE OF A CONTAINER**
[54] **PROCEDE DE FABRICATION D'UN RECIPIENT**
[72] KOERNER, DENNIS W., US
[72] DYGERT, DOUGLAS M., US
[72] FUTRAL, DANIEL, US
[72] SMITH, BRIAN, US
[71] RING CONTAINER TECHNOLOGIES, LLC, US
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[87] (WO2017/156384)
[30] US (62/307,069) 2016-03-11
[30] US (62/336,941) 2016-05-16

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[51] **Int.Cl. B65D 50/00 (2006.01) G06K 19/06 (2006.01) G06K 19/14 (2006.01)**
[25] EN
[54] **ANTI-DIVERSION, ANTI-COUNTERFEITING PRODUCT PACKAGING**
[54] **EMBALLAGE DE PRODUIT ANTIDETOURNEMENT ET ANTICONTREFACON**
[72] LANE, SANFORD, US
[71] LANE, SANFORD, US
[85] 2018-09-10
[86] 2017-03-10 (PCT/US2017/021927)
[87] (WO2017/156467)
[30] US (62/307,219) 2016-03-11
[30] US (62/377,378) 2016-08-19

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[51] **Int.Cl. E04D 13/18 (2018.01) F24S 20/69 (2018.01) F24S 25/67 (2018.01) F24S 80/30 (2018.01)**
[25] EN
[54] **SOLAR THERMAL ROOF TILE WITH A CONNECTION ELEMENT WITH AN ADJUSTABLE LENGTH**
[54] **TUILE SOLAIRE THERMIQUE COMPRENANT UN ELEMENT DE RACCORDEMENT VARIABLE EN LONGUEUR**
[72] HAKENBERG, PETER, DE
[71] RHEINENERGIE AG, DE
[85] 2018-07-26
[86] 2017-01-30 (PCT/EP2017/051893)
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[30] DE (10 2016 101 644.6) 2016-01-29

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[25] EN
[54] **ANTIGEN-BINDING FUSION PROTEINS WITH MODIFIED HSP70 DOMAINS**
[54] **PROTEINES DE FUSION SE LIANT A UN ANTIGENE ET AYANT DES DOMAINES HSP70 MODIFIES**
[72] BRAUNS, TIMOTHY, US
[72] POZNANSKY, MARK C., US
[72] GELFAND, JEFFREY A., US
[72] CHEN, HUABIAO, US
[72] MCCORMACK, STEPHEN J., US
[71] APERISYS, INC., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[30] US (62/306,168) 2016-03-10

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[25] EN
[54] **A TRANSIENT COMMENSAL MICROORGANISM FOR IMPROVING GUT HEALTH**
[54] **UN MICROORGANISME COMMENSAL TRANSITOIRE POUR AMELIORER LA SANTE INTESTINALE**
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[72] FREEMAN-SHARKEY, SAMARA, US
[72] FRESE, STEVEN, US
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[54] **SYSTEME DE COUPAGE A L'ARC DE PLASMA AMELIORE, PROCEDES DE FONCTIONNEMENT ET CONSOMMABLES**
[72] MITRA, MADHURA S., US
[72] LIEBOLD, STEPHEN M., US
[72] JOGDAND, HARSHAWARDHAN, US
[72] CHEVALIER, ADAM, US
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[54] **EMETTEUR INFRAROUGE ALIMENTE AU GAZ, A HAUTE INTENSITE**
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[72] CORNELIUS, MITCHELL D., US
[72] MEYER, JENS-UWE, US
[72] O'NEAL, TIMOTHY M., US
[71] SELAS HEAT TECHNOLOGY COMPANY LLC, US
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[54] **COMPOSITIONS DE SEL MIXTE PERMETTANT DE PRODUIRE UNE CETOSE ELEVEE ET PROLONGEE**
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[71] ACCESS GLOBAL SCIENCES, LLC, US
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[54] **APPAREIL ET SYSTEME DE DISTRIBUTION DE FLUIDE**
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[72] WOLF, MARK ERNEST, US
[72] EGGLESTON, CLIFTON DEE, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **AMELIORATION DE PERFORMANCES DE CANAL DOPPLER ELEVEES**
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[72] LUO, TAO, US
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[72] CAUTREELS, WERNER, US
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[54] **METHODES ET COMPOSITIONS DESTINEES AU TRAITEMENT DE TROUBLES DE DEMYELINISATION**
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[72] LARIOSA-WILLINGHAM, KAREN, US
[72] DUGAS, JASON, US
[72] TUNG, JAY S., US
[72] LEONOUDAKIS, DMITRI, US
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[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
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[72] TEO, TAT MING, US
[72] WANG, WILLIAM H., US
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[72] GOOD, JENNIFER, US
[72] HAWI, AMALE, US
[71] TREVI THERAPEUTICS, INC., US
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[54] **PROCEDES ET COMPOSITIONS POUR LA TRANSDUCTION DE LYMPHOCYTES ET LEUR EXPANSION REGULEE**
[72] FROST, GREGORY IAN, US
[72] ONUFFER, JAMES JOSEPH, US
[72] GUIBINGA, GHIABE H., US
[72] KUNDU, ANIRBAN, KY
[71] F1 ONCOLOGY, INC., US
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[54] **COMPOSITIONS, DOSAGES ET PROCEDES POUR CIBLER HDM2 ET HDMX POUR INVERSER L'INHIBITION DE P53 DANS DES CANCERS PEDIATRIQUES**
[72] WALENSKY, LOREN D., US
[72] STEGMAIER, KIMBERLY, US
[72] MORGAN, ANN MAURINE, US
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[71] DANA FARBER CANCER INSTITUTE, INC., US
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[54] **SIGNAL DE REFERENCE DE FAISCEAU BASE SUR UN RAPPORT CQI ET MESURE DE CANAL DE BANDE ETROITE**
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[72] LUO, TAO, US
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[72] CARLILE, JODDIE JOSEPH, US
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[72] DAVIDOW, STEVE, AU
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[72] SLEE, DEBORAH HELEN, US
[72] HEGDE, SAYEE GAJANAN, US
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[72] BUNKER, KEVIN DUANE, US
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[71] NOETIC TECHNOLOGIES INC., CA
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[72] MARKER, TROY, US
[72] BALDWIN, DON, US
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[54] **PROCEDES ET SYSTEMES DE MESURE D'EPAISSEUR DE STRUCTURES MULTICOUCHES**
[72] SAEEDKIA, DARYOOSH, CA
[72] HAILU, DANIEL, CA
[71] TETECHS INC., CA
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[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] **COMPOSE RETINOIDE, SON PROCEDE DE PREPARATION, SES INTERMEDIAIRES ET APPLICATION CORRESPONDANTE**
[72] CAO, XIN, CN
[72] YU, BIAO, CN
[72] WANG, NING, CN
[72] CHEN, JUNWEI, CN
[71] SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[71] HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
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[72] CARLING, GRANT, CN
[71] GOGLIO S.P.A., IT
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[54] **OUTIL D'ASPIRATION, DISPOSITIF ET PROCEDE POUR EVISCERER DES POISSONS A CAVITE ABDOMINALE OUVERTE**
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[72] PAULSOHN, CARSTEN, DE
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[54] **DISPOSITIF POUR SURVEILLER L'ENTREFER D'UNE MACHINE ELECTRIQUE**
[72] FRANK, ACHIM, DE
[72] ADAM, MARKUS, DE
[72] EMMRICH, DIRK, DE
[72] LAHRES, STEFAN, DE
[71] VOITH PATENT GMBH, DE
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[54] **USE OF TRIACETYL-3-HYDROXYPHENYLADENOSINE IN PREPARING PHARMACEUTICALS FOR TREATMENT OF ATHEROSCLEROSIS**
[54] **UTILISATION DE TRIACETYL-3-HYDROXYPHENYLADENOSINE DANS LA PREPARATION DE PRODUITS PHARMACEUTIQUES POUR LE TRAITEMENT DE L'ATHEROSCLEROSE**
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[72] WANG, JING, CN
[71] INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN
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[72] EDELMANN, HANS-JOACHIM, DE
[72] SANDER, OSWALD, DE
[71] SESTEC SP. Z O.O., PL
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[54] **DEVICE, METHOD AND FORMULATION FOR CHEMICALLY ASSISTED DISSECTION**
[54] **DISPOSITIF, PROCEDE ET FORMULATION POUR DISSECTION ASSISTEE CHIMIQUEMENT**
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[72] VERJANS, BENOIT, BE
[71] AUXIN SURGERY SA, BE
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[54] **ENCODING APPARATUS FOR PROCESSING AN INPUT SIGNAL AND DECODING APPARATUS FOR PROCESSING AN ENCODED SIGNAL**
[54] **APPAREIL DE CODAGE PERMETTANT DE TRAITER UN SIGNAL D'ENTREE ET APPAREIL DE DECODAGE PERMETTANT DE TRAITER UN SIGNAL CODE**
[72] BAECKSTROEM, TOM, FI
[72] GHIDO, FLORIN, DE
[72] FISCHER, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **APPARATUS, SYSTEM AND METHODS FOR PROVIDING ACCESSORIES ON A SUPPORT SURFACE**
[54] **APPAREIL, SYSTEME ET PROCEDES POUR FOURNIR DES ACCESSOIRES SUR UNE SURFACE DE SUPPORT**
[72] MCDONALD, BILLY JAMES, US
[72] MCCLAIN, KEEGAN BLANTON, US
[72] ROGERS, DONALD SCOTT, US
[72] MCDOWELL, JAMES KERWIN, US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[54] **COMBINATIONS OF LSD1 INHIBITORS FOR THE TREATMENT OF HEMATOLOGICAL MALIGNANCIES**
[54] **COMBINAISONS D'INHIBITEURS DE LSD1 POUR LE TRAITEMENT DES MALIGNITES HEMATOLOGIQUES**
[72] CICERI, FILIPPO, ES
[72] LUNARDI, SERENA, ES
[72] MAES, TAMARA, ES
[72] MASCARO CRUSAT, CRISTINA, ES
[72] TIRAPU FERNANDEZ DE LA CUESTA, INIGO, ES
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[54] **NEW IMMUNOREGULATORY CELLS AND METHODS FOR THEIR PRODUCTION**
[54] **NOUVELLES CELLULES IMMUNOREGULATRICES ET LEURS PROCEDES DE PRODUCTION**
[72] HUTCHINSON, JAMES, DE
[72] GEISSLER, EDWARD, DE
[71] FROPHARM GMBH, DE
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[54] **PORTABLE ELECTROLYZER AND ITS USE**
[54] **ELECTROLYSEUR PORTABLE ET SON UTILISATION**
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[71] FRIMANN INNOSWISS, CH
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[54] **COMBINATIONS OF LSD1 INHIBITORS FOR USE IN THE TREATMENT OF SOLID TUMORS**
[54] **COMBINAISONS D'INHIBITEURS DE LSD1 POUR LEUR UTILISATION DANS LE TRAITEMENT DES TUMEURS SOLIDES**
[72] DEMARIO, MARK, US
[72] PIERCEALL, WILLIAM, US
[72] MACK, FIONA, US
[72] MAES, TAMARA, ES
[72] LUNARDI, SERENA, ES
[71] ORYZON GENOMICS, S.A., ES
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[54] **DETECTION METHOD AND MEANS THEREFOR**
[54] **PROCEDE DE DETECTION ET MOYEN ASSOCIE**
[72] KROGH, NICOLAS OTTO, DK
[72] GREGORIUS, KLAUS, DK
[72] LABORDA, ELENA FERNANDEZ, DK
[71] MIPSALUS APS, DK
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[54] **SYSTEM AND METHOD FOR CLEANING AND MAINTAINING A HYGIENE OF AN ANIMAL**
[54] **SYSTEME ET PROCEDE PERMETTANT DE LAVER UN ANIMAL ET DE PRESERVER SON HYGIENE**
[72] TAKLA, KAMEL, US
[71] KIMOS CORP D/B/A PETSCRUB, US
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[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF (2E,4E,6Z,8E)-8-(3,4-DIHYDRONAPHTHALEN-1(2H)-YLIDENE)-3,7-DIMETHYLOCTA-2,4,6-TRIENOIC ACID**
[54] **PROCEDE DE SYNTHESE DE L'ACIDE (2E, 4E, 6Z, 8E)-8-(3,4-DIHYDRONAPHTHALEN-1(2H)-YLIDENE)-3,7-DIMETHYLOCTA-2,4,6-TRIENOIQUE**
[72] ABEL, ULRICH, DE
[72] REPASI, JOZSEF, HU
[72] SZABO, ANDRAS, HU
[72] SZUCSNE, CSEREPI STEFANIA, HU
[72] BOR, ADAM, HU
[71] BRICKELL BIOTECH, INC., US
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[54] **EFFICIENT CHANNEL ESTIMATION FOR IMPLICIT MU-MIMO**
[54] **ESTIMATION EFFICACE DE CANAL POUR MU-MIMO IMPLICITE**
[72] GUERRA, RYAN E., US
[72] SHEPARD, CLAYTON W., US
[72] ANAND, NARENDRA, US
[72] KNIGHTLY, EDWARD, US
[72] ZHONG, LIN, US
[71] SKYLARK WIRELESS, LLC, US
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[25] EN
[54] **PREFABRICATED MODULE FOR A PITCHED ROOF ELEMENT AND PITCHED ROOF ELEMENT FOR A BUILDING ROOF**
[54] **MODULE PREFABRIQUE POUR UN ELEMENT DE TOIT INCLINE ET ELEMENT DE TOIT INCLINE POUR UN TOIT DE BATIMENT**
[72] HUSSIN, ALA, NL
[72] MULLER, STEPHEN, NL
[71] ROCKWOOL INTERNATIONAL A/S, DK
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[25] EN
[54] **CONVEYOR ROLL ASSEMBLY, USE THEREOF AND END CAP FOR A CONVEYOR ROLL**
[54] **ENSEMBLE ROULEAU DE CONVOYEUR, UTILISATION CORRESPONDANTE ET CAPUCHON D'EXTREMITE POUR UN ROULEAU DE CONVOYEUR**
[72] DUBOIS, LAURENT, FR
[72] SCHABAILLIE, ETIENNE, FR
[71] VESUVIUS FRANCE, S.A., FR
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01)**
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[54] **COMBINATION OF A BACE INHIBITOR AND AN ANTIBODY OR ANTIGEN-BINDING FRAGMENT FOR THE TREATMENT OF A DISORDER ASSOCIATED WITH THE ACCUMULATION OF AMYLOID BETA**
[54] **COMBINAISON D'UN INHIBITEUR DE BACE ET D'UN ANTICORPS OU D'UN FRAGMENT DE LIAISON A UN ANTIGENE POUR LE TRAITEMENT D'UN TROUBLE ASSOCIE A L'ACCUMULATION DE BETA-AMYLOIDE**
[72] JOHNSTON, CONOR, GB
[71] ASTRAZENECA AB, SE
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[54] **TRANSFECTED T-CELLS AND T-CELL RECEPTORS FOR USE IN IMMUNOTHERAPY AGAINST CANCERS**
[54] **LYMPHOCYTES T TRANSFECTES ET RECEPTEURS DE LYMPHOCYTES T DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE DES CANCERS**
[72] MAURER, DOMINIK, DE
[72] ALTEN, LEONIE, DE
[72] BUNK, SEBASTIAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **LIQUID CARTRIDGE AND A METHOD FOR FILLING SUCH A CARTRIDGE WITH A LIQUID**
[54] **CARTOUCHE DE LIQUIDE ET PROCEDE DE REMPLISSAGE D'UNE TELLE CARTOUCHE AVEC UN LIQUIDE**
[72] SLOMIANNY, ANDREAS, DE
[71] EBS INK JET SYSTEME GMBH, DE
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[54] **REACTOR FOR PRODUCING SYNTHESIS GAS**
[54] **REACTEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE**
[72] PFEIFER, PETER, DE
[72] PIERMARTINI, PAOLO, DE
[72] BOLTKEN, TIM, DE
[72] DURRSCHNABEL, ROBIN, DE
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
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[51] **Int.Cl. C08L 9/06 (2006.01) B60C 1/00 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITION COMPRISING A SPECIFIC HYDROCARBON-BASED RESIN**
[54] **COMPOSITION DE CAOUTCHOUC COMPRENANT UNE RESINE HYDROCARBONEE SPECIFIQUE**
[72] DE GAUDEMARIS, BENOIT, FR
[72] HUT, ALAIN, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[51] **Int.Cl. C07K 14/47 (2006.01)**
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[54] **PEPTIDES AYANT UNE ACTIVITE ANTICANCEREUSE**
[72] ESTEBAN MARTIN, SANTIAGO, ES
[72] NEVOLA, LAURA, ES
[71] IDP DISCOVERY PHARMA, S.L., ES
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[51] **Int.Cl. E01C 11/02 (2006.01) E01D 19/06 (2006.01)**
[25] EN
[54] **TRANSITION CONSTRUCTION FOR BRIDGING A BUILDING JOINT**
[54] **STRUCTURE DE TRANSITION SERVANT AU PONTAGE D'UN JOINT DE CONSTRUCTION**
[72] BRAUN, CHRISTIAN, DE
[71] MAURER ENGINEERING GMBH, DE
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[25] EN
[54] **DEVICE FOR FILLING A CONTAINER WITH PARTICULATE MATERIAL**
[54] **DISPOSITIF DE REMPLISSAGE D'UN CONTENANT AVEC UN MATERIAU PARTICULAIRE**
[72] COTA, ALDO, DE
[71] TIME GLOBAL SOLUTION GMBH, DE
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[54] **SHOELACE FASTENING FOR INNER SHOE**
[54] **ELEMENT DE SURETE DE LACET POUR CHAUSSURE INTERIEURE**
[72] DELAGO, THOMAS, DE
[71] NITRO SNOWBOARDS, DE
[85] 2018-09-11
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[25] EN
[54] **AEROSOL GENERATING DEVICE WITH PIERCING ASSEMBLY**
[54] **DISPOSITIF GENERATEUR D'AEROSOL AVEC ENSEMBLE DE PERCAGE**
[72] BATISTA, RUI NUNO, CH
[72] MANCA, LAURENT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-09-11
[86] 2017-05-25 (PCT/EP2017/062720)
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[54] **STRUCTURAL DOCUMENT CLASSIFICATION**
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[72] REVED, ITAY, IL
[71] DOCAUTHORITY LTD., IL
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[25] EN
[54] **STABLE PHARMACEUTICAL COMPOSITIONS FOR TOPICAL ADMINISTRATION AND USES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES STABLES POUR ADMINISTRATION TOPIQUE ET LEURS UTILISATIONS**
[72] SALAMA, PAUL, IL
[72] BECKER, OREN MENAHEM, IL
[72] MANN BRICKMAN, CHAIM, IL
[71] VIDAC PHARMA LTD., IL
[85] 2018-09-11
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[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/00 (2006.01) H05B 3/06 (2006.01) H05B 3/58 (2006.01)**
[25] EN
[54] **AEROSOL GENERATING DEVICE WITH INTEGRAL HEATER ASSEMBLY**
[54] **DISPOSITIF GENERATEUR D'AEROSOL AVEC ENSEMBLE DE CHAUFFAGE INTEGRE**
[72] BATISTA, RUI NUNO, CH
[72] MANCA, LAURENT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-09-11
[86] 2017-05-25 (PCT/EP2017/062723)
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[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/12 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **A BIOREACTOR SYSTEM AND METHOD THEREOF**
[54] **SYSTEME DE BIOREACTEUR ET SON PROCEDE**
[72] PATEL, RAVINDRAKUMAR DHIRUBHAI, IN
[71] PATEL, RAVINDRAKUMAR DHIRUBHAI, IN
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[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/34 (2006.01)**
[25] EN
[54] **SYSTEMS OR APPARATUSES AND METHODS FOR PERFORMING DIALYSIS**
[54] **SYSTEMES OU APPAREILS ET PROCEDES DE DIALYSE**
[72] KREYMANN, BERNHARD, DE
[72] HUSSTEGE, CHRISTOPH, DE
[72] SCHREIBER, CATHERINE ELISABETH, DE
[71] HEPA WASH GMBH, DE
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[25] EN
[54] **WET STATE CONTROL METHOD FOR FUEL CELL SYSTEM AND WET STATE CONTROL DEVICE FOR THE SAME**
[54] **PROCEDE DE REGULATION D'ETAT DE MOUILLAGE POUR SYSTEME DE PILE A COMBUSTIBLE, ET DISPOSITIF DE REGULATION D'ETAT DE MOUILLAGE**
[72] CHIKUGO, HAYATO, JP
[72] TOMITA, YOUSUKE, JP
[72] AOKI, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **CONTROL METHOD FOR INTERNAL CONBUSTION ENGINE AND CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE ET DISPOSITIF DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE**
[72] TAKAHASHI, EIJI, JP
[72] OKAMOTO, KAZUHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **ELECTRIC POWER CONTROL DEVICE AND VEHICLE**
[54] **DISPOSITIF DE REGULATION D'ENERGIE ELECTRIQUE ET VEHICULE**
[72] AKIMOTO, HIROAKI, JP
[72] TAKEDA, SHOTA, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **TIAL-BASED INTERMETALLIC SINTERED COMPACT AND METHOD FOR PRODUCING TIAL-BASED INTERMETALLIC SINTERED COMPACT**
[54] **CORPS FRITTE DE COMPOSE INTERMETALLIQUE TIAL, ET PROCEDE DE PRODUCTION DE CORPS FRITTE DE COMPOSE INTERMETALLIQUE TIAL**
[72] SUZUKI, KENJI, JP
[72] SHINDO, KENTARO, JP
[72] TERAUCHI, SYUNTARO, JP
[72] KITAGAKI, HISASHI, JP
[72] HANAMI, KAZUKI, JP
[72] HANADA, TADAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[71] OSAKA YAKIN KOGYO CO., LTD., JP
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[54] **IMMUNOCOMPETENT CELL AND EXPRESSION VECTOR EXPRESSING REGULATORY FACTORS OF IMMUNE FUNCTION**
[54] **CELLULE IMMUNOCOMPETENTE ET VECTEUR D'EXPRESSION EXPRIMANT DES FACTEURS DE REGULATION DE LA FONCTION IMMUNITAIRE**
[72] TAMADA, KOJI, JP
[72] SAKODA, YUKIMI, JP
[72] ADACHI, KEISHI, JP
[71] YAMAGUCHI UNIVERSITY, JP
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[54] **PCR METHOD**
[54] **PROCEDE PCR**
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[72] MATTOCKS, CHRISTOPHER JOHN, GB
[71] SALISBURY NHS FOUNDATION TRUST, GB
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[54] **TAMPER RESISTANT PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE INVIOLABLE**
[72] PATEL, JAYENDRAKUMAR DASHARATHLAL, IN
[72] PATEL, SHWETABEN DASHARATHBHAI, IN
[72] PATEL, KAUSHIKAKUMARI JAYENDRAKUMAR, IN
[71] PATEL, JAYENDRAKUMAR DASHARATHLAL, IN
[71] PATEL, SHWETABEN DASHARATHBHAI, IN
[71] PATEL, KAUSHIKAKUMARI JAYENDRAKUMAR, IN
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[54] **METHOD AND DEVICE FOR MANUFACTURING LAMINATED IRON CORE**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE NOYAU EN FER STRATIFIE**
[72] SENDA, KUNIHIRO, JP
[72] UESAKA, MASANORI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-09-11
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[54] **FILM COMPRISING MICROFIBRILLATED CELLULOSE AND PRODUCTS MADE THEREFROM**
[54] **FILM COMPRENANT DE LA CELLULOSE MICROFIBRILLEE ET PRODUITS FABRIQUES A PARTIR DE CELUI-CI**
[72] BACKFOLK, KAJ, FI
[72] HEISKANEN, ISTO, FI
[72] SAUKKONEN, ESA, FI
[72] KANKKUNEN, JUKKA, FI
[71] STORA ENSO OYJ, FI
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[72] MISRA, KIRAN, US
[72] DESHPANDE, SACHIN G., US
[72] NG, SHEAU, US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **AGENT DE CROISSANCE CAPILLAIRE DE TYPE FUCOIDANE**
[72] QUAN, YING-SHU, JP
[72] YAMASHITA, HIROFUMI, JP
[72] KAMIYAMA, FUMIO, JP
[72] YAMAMOTO, AKIRA, JP
[72] KATSUMI, HIDEMASA, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
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[54] **ACIDE AMINE OU PEPTIDE N-LIPOIQUE, DERIVES ET LEURS UTILISATIONS**
[72] YU, RUEY J., US
[72] VANSCOTT, EUGENE J., US
[71] NEOSTRATA COMPANY, INC., US
[85] 2018-09-11
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[25] EN
[54] **INTENTION EMERGENCE DEVICE, INTENTION EMERGENCE METHOD, AND INTENTION EMERGENCE PROGRAM**
[54] **DISPOSITIF D'EMERGENCE DE PENSEE, PROCEDE D'EMERGENCE DE PENSEE ET PROGRAMME D'EMERGENCE DE PENSEE**
[72] MITSUYOSHI, SHUNJI, JP
[71] MITSUYOSHI, SHUNJI, JP
[71] JAPAN MATHEMATICAL INSTITUTE INC., JP
[85] 2018-09-11
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[54] **ELECTROLYZER**
[54] **CELLULE ELECTROLYTIQUE**
[72] TAKAHASHI SUGURU, JP
[72] MADONO AKIHIRO, JP
[72] KISHI TAKAMICHI, JP
[72] ARIMOTO OSAMU, JP
[71] DE NORA PERMELEC LTD, JP
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[25] EN
[54] **METHOD FOR MANUFACTURING COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION DE MATERIAU COMPOSITE**
[72] TAKENO, KAZUMA, JP
[72] MAEDA, MITSUTOSHI, JP
[72] TOKUTOMI, HIROSHI, JP
[72] SATO, TETSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **SUPPORT DE SUSPENSION DE TRAMPOLINE ET SYSTEME DE CONNEXION**
[72] SCHUELER, LUKE, US
[72] SCHUELER, CODY, US
[71] FLYING SQUIRREL SPORTS, LLC., US
[85] 2018-09-11
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[51] **Int.Cl. B60Q 1/48 (2006.01)**
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[54] **SYSTEM FOR ISSUING A WARNING AGAINST IMPACT IN A VEHICLE WHEN PARKED**
[54] **SYSTEME D'AVERTISSEMENT DANS UN VEHICULE POUR LUTTER CONTRE DES COLLISIONS LORSQUE LE VEHICULE EST EN STATIONNEMENT**
[72] REMBERG BUENO, ERNST ALBERT, MX
[72] DIAZ ARIAS, HERMAN, MX
[71] REMBERG BUENO, ERNST ALBERT, MX
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[25] EN
[54] **AMMONIA CRACKING**
[54] **CRAQUAGE D'AMMONIAC**
[72] ANDERSEN, HENRIK SOLGAARD, NO
[72] ASEN, KNUT INGVAR, NO
[71] EQUINOR ENERGY AS, NO
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[25] EN
[54] **METHOD FOR ENHANCING PLANT DISEASE CONTROLLING EFFECTS OF ARYL PHENYL_KETONE FUNGICIDE, AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **PROCEDE DE POTENTIALISATION D'EFFET DE LUTTE CONTRE DES MALADIES DE PLANTE DE FONGICIDE ARYL PHENYL CETONE, ET PROCEDE POUR LUTTER CONTRE DES MALADIES DE PLANTE**
[72] OGAWA, MUNEKAZU, JP
[72] NISHIMURA, AKIHIRO, JP
[72] NISHIMI, SHUKO, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2018-09-11
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[51] **Int.Cl. G21C 19/48 (2006.01) C25C 3/34 (2006.01)**
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[54] **CONVERSION OF SPENT URANIUM OXIDE FUEL INTO MOLTEN SALT REACTOR FUEL**
[54] **CONVERSION DE COMBUSTIBLE A L'OXYDE D'URANIUM USE EN COMBUSTIBLE DE REACTEUR A SEL FONDU**
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[71] SCOTT, IAN RICHARD, GB
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[51] **Int.Cl. B63B 22/18 (2006.01) F03B 13/14 (2006.01)**
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[54] **FLOATING PLATFORM**
[54] **PLATE-FORME FLOTTANTE**
[72] SKJOLDHAMMER, JAN, SE
[71] NOVIGE AB, SE
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[54] **ENSEMBLE CAPTEUR D'IMAGERIE DE TROU DE FORAGE**
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[72] TANG, YUMEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCESSING SENSITIVE INFORMATION BY A CONTACT CENTRE**
[54] **TRAITEMENT D'INFORMATIONS SENSIBLES PAR UN CENTRE DE CONTACT**
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[72] BARHAM, JAMES, GB
[71] PCI-PAL (U.K) LIMITED, GB
[85] 2018-09-11
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[54] **METHOD AND DEVICE FOR OPTIMIZING SOLID PHASE TRANSPORT IN PIPE FLOW**
[54] **PROCEDE ET DISPOSITIF POUR OPTIMISER LE TRANSPORT EN PHASE SOLIDE DANS UN ECOULEMENT DE TUYAU**
[72] ZHANG, FEIFEI, US
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. F16H 55/36 (2006.01)**
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[54] **STRUCTURE DE POULIE**
[72] SHIMAMURA, HAYATO, JP
[72] IMAI, KATSUYA, JP
[72] DAN, RYOSUKE, JP
[71] MITSUBOSHI BELTING LTD., JP
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[25] EN
[54] **ELECTRODE FOR ELECTROLYSIS, MANUFACTURING METHOD OF ELECTRODE FOR ELECTROLYSIS, AND ELECTROLYZER**
[54] **ELECTRODE POUR ELECTROLYSE, PROCEDE DE FABRICATION D'ELECTRODE POUR ELECTROLYSE ET CELLULE ELECTROLYTIQUE**
[72] TAKAHASHI, SUGURU, JP
[72] MADONO, AKIHIRO, JP
[72] KISHI, TAKAMICHI, JP
[72] ARIMOTO, OSAMU, JP
[71] DE NORA PERMELEC LTD, JP
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[51] **Int.Cl. E21B 21/08 (2006.01) G05B 17/02 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **METHOD AND DEVICE FOR HOLE CLEANING AND DRILLING HYDRAULIC DESIGN**
[54] **PROCEDE ET DISPOSITIF POUR CONCEPTION HYDRAULIQUE DE NETTOYAGE ET DE FORAGE DE TROU**
[72] ZHANG, FEIFEI, US
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ARRANGEMENTS FOR PROVIDING A SUBSTANTIALLY FLUID-TIGHT SEAL**
[54] **AGENCEMENTS POUR LA FOURNITURE D'UN JOINT SENSIBLEMENT ETANCHE AUX FLUIDES**
[72] HUNT, ANDREW, GB
[72] HUNT, OLIVER, GB
[71] GALVGARD (U.K.) LIMITED, GB
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[54] **FLOATING SPLIT BUTTERFLY VALVE**
[54] **VANNE PAPILLON FENDUE FLOTTANTE**
[72] SAVIC, SLAVISLAV, SI
[71] BRINOX D.O.O., SI
[85] 2018-09-11
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[54] **PROGRESSIVE TANK SYSTEM AND METHOD FOR USING THE SAME**
[54] **SYSTEME DE RESERVOIR EVOLUTIF ET SON PROCEDE D'UTILISATION**
[72] LOGAN, ZACHARY WILSON, US
[72] BINKS, RICHARD LEE, US
[72] DEPAOLO, CAMDON J., US
[71] ECOLAB USA INC., US
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[51] **Int.Cl. C08K 3/34 (2006.01)**
[25] EN
[54] **METAL-BASED HYDROGEN SULFIDE SCAVENGER AND METHOD OF PREPARING SAME**
[54] **CAPTEUR DE SULFURE D'HYDROGENE A BASE DE METAL ET SON PROCEDE DE PREPARATION**
[72] SONG, JINGSHE, US
[72] GU, ZHENNING, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-11
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[54] **DOSING REGIMENS FOR TREATMENT OF FUNGAL INFECTIONS**
[54] **SCHEMAS POSOLOGIQUES POUR LE TRAITEMENT D'INFECTIONS FONGIQUES**
[72] BARTIZAL, KENNETH, US
[72] DARUWALA, PAUL, US
[72] LOCKE, JEFFREY BRIAN, US
[72] ONG, VOON, US
[72] SANDISON, TAYLOR, US
[72] THYE, DIRK, US
[71] CIDARA THERAPEUTICS, INC., US
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[30] US (62/415,928) 2016-11-01
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF WOUNDS, DISORDERS, AND DISEASES OF THE SKIN**
[54] **COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT DES PLAIES, DES TROUBLES, ET DES MALADIES DE LA PEAU**
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[54] **ENSEMBLES COUVERCLE DE TROU D'HOMME A PROTECTION CONTRE LES PRECIPITATIONS, A EVENT**
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[54] **POINTE DE BRULEUR A TOURBILLON NON PRE-MELANGEE ET STRATEGIE DE COMBUSTION**
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[72] SCHOENUNG, SUSAN, US
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[54] **UNITE DE GUIDAGE POUR SYSTEME DE COUVERTURE DE BACHE**
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[54] **SYSTEME ET PROCEDE D'IMPLEMENTATION DE COMMUTATION DE RESEAU DE COUCHE 3 BASEE SUR UNE ADRESSE DE COMMANDE D'ACCES AU SUPPORT (MAC) DE PLATEFORME VIRTUELLE**
[72] BUGENHAGEN, MICHAEL K., US
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[72] MCBRIDE, KEVIN M., US
[71] CENTURYLINK INTELLECTUAL PROPERTY LLC, US
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[54] **STRUCTURATION D'UN ACCORD FINANCIER AFIN DE COMPRENDRE UNE ANNEXE DE COMPOSANT D'ASSURANCE AFIN DE COUVRIR CONTRE LE RISQUE**
[72] POINTER, ROBIN, US
[72] DINELLO, P. MARIO, US
[71] LIBERTY CAPITAL MANAGEMENT (CYPRUS) LIMITED, CY
[71] POINTER, ROBIN, US
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[54] **DERIVES D'ACIDE A-TRUXILLIQUE ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] OJIMA, IWAO, US
[72] DEUTSCH, DALE, US
[72] KACZOCHA, MARTIN, US
[72] HU, KONGZHEN, US
[72] TONG, SIMON, US
[72] ELMES, MATTHEW, US
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[54] **FILM DE PROTECTION DE SURFACE ET PROCEDES ASSOCIES**
[72] FLEISCHHACKER, GERALD F., US
[72] MARX, RYAN E., US
[72] PETTENGILL, JASON P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE DE SECHAGE A HAUTE ENERGIE POUR FORMER UN FILM POLYHYDROXYALCANOATE CONTINU**
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[54] **LYMPHOCYTES T TRANSFECTES ET RECEPTEURS DE LYMPHOCYTES T DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE DES CANCERS**
[72] ALTEN, LEONIE, DE
[72] MAURER, DOMINIK, DE
[72] BUNK, SEBASTIAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **CADRE DENTAIRE ET PROTHESE**
[72] SCHULTER, DREW, US
[72] SCHULTER, CARL, US
[72] FRAYSUR, KYLE, US
[72] NEWMAN, DARYL, US
[72] HAMADEH, BELAL, US
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[54] **AMELIORATION DE L'EFFICACITE ENERGETIQUE DANS DES SYSTEMES RF DE FORMATION DE FAISCEAU**
[72] BUEHLER, ERIK, US
[71] SEAKR ENGINEERING, INC., US
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[54] **LIGHTED VEHICLE WASH DRYER ASSEMBLY CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ENSEMBLE DE LAVAGE ET DE SECHAGE DE VEHICULES ECLAIRE**
[72] BELANGER, MICHAEL J., US
[71] WASHME PROPERTIES, LLC, US
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[54] **ENSEMBLE DE BROSSES DE TRAITEMENT DE VEHICULE A DOUBLE BROSSEUSE**
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[72] KOTRYCH, JERRY A., US
[72] TOGNETTI, DAVID L., US
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[54] **PRODUITS DE PROTEINE STABLES ET LEURS PROCEDES DE FABRICATION**
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[72] HIGH, RYAN M., US
[72] KIMMEL, JENNIFER L., US
[72] LAUDANO, RAY, US
[72] ORTIZ, INMACULADA ANDUJAR, US
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[54] **DISPOSITIF MAINS-LIBRES DE TRANSPORT D'ARTICLE**
[72] KIPPEN, ANTHONY JOHN, US
[71] KIPPEN, ANTHONY JOHN, US
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[54] **ENSEMBLE LOQUET**
[72] ROMERO, OSCAR, US
[71] SPECTRUM BRANDS, INC., US
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[54] **EMBALLAGE DE PRODUITS DE FRIANDISES A ARTICLES MULTIPLES REFERMABLE ET PROCEDES COMPRENANT UNE MARQUE DE FABRIQUE GRAPHIQUE MULTICOUCHE**
[72] ANGELONI, PAUL F., US
[72] CUNNINGHAM, CHRISTOPHER H., US
[72] MULLER, PETER, US
[72] ALDRIDGE, ALLEN S., US
[72] THAM, WILLIAM, US
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[54] **AMELIORATIONS A UN CHARIOT A MAIN ET KIT POUR CE DERNIER**
[72] COMBS, JERRY, US
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[54] **APPARATUS AND METHOD FOR DRIVING LOW COEFFICIENT OF FRICTION BELTING**
[54] **APPAREIL ET PROCEDE D'ENTRAINEMENT DE COURROIE A FAIBLE COEFFICIENT DE FROTTEMENT**
[72] LEWIS, WILLIAM C., US
[72] LEWIS, WILLIAM J., US
[72] LEWIS, BARTON R., US
[72] LEWIS, BART R., US
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[72] SWIFT, MALCOLM, US
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[72] MAHMUD, ABDULLAH, US
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[54] **CLASSIFICATION AUTOMATIQUE DE COMPORTEMENT ANIMAL**
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[72] JOHNSON, MATTHEW J., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **UNITE DE MARCHEPIED PLIANTE LATERALE**
[72] PINNOCK, LANCELOT JEROME, US
[71] HIDEAWAY SOLUTIONS LLC, US
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[54] **PROCEDES POUR FAVORISER LA SANTE DE PLANTE A L'AIDE D'ENZYMES LIBRES ET DE MICRO-ORGANISMES SUREXPRIMANT DES ENZYMES**
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[72] AUGUSTIN, JORG, US
[71] SPOGEN BIOTECH INC., US
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[25] FR
[54] **DEVICE FOR DETERMINING PETROPHYSICAL PARAMETERS OF AN UNDERGROUND FORMATION**
[54] **DISPOSITIF POUR LA DETERMINATION DE PARAMETRES PETROPHYSIQUES D'UNE FORMATION SOUTERRAINE**
[72] CEREPI, ADRIAN, FR
[72] DESCHAMPS, HERVE, FR
[72] GARCIA, BRUNO, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **TECHNOLOGIES PERMETTANT UNE DECOUVERTE ET UNE CONNEXION AUTOMATIQUES A UNE INTERFACE REST**
[72] CUNNINGHAM, GREGORY P., US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
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[54] **CYCLIC DI-NUCLEOTIDE COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES DI-NUCLEOTIDES CYCLIQUES ET LEURS PROCEDES D'UTILISATION**
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[72] SUN, LIJUN, US
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[72] DAI, YUANWEI, US
[72] CHEN, CHUO, US
[72] CHEN, ZHIJIAN, US
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[54] **DISPOSITIF D'ACOUSTOPHORESE A PLUSIEURS ETAGES**
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[72] KENNEDY, THOMAS J., III, US
[72] KING, JEFFREY, US
[72] BARNES, JASON, US
[72] MCCARTHY, BRIAN, US
[72] MEALEY, DANE, US
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[72] ROZEMBERSKY, JOHN, US
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[54] **EXTRAITS DE RAISIN ET PROCEDES ASSOCIES**
[72] SMITH, JERRY WAYNE, US
[72] GALLAGHER, PATRICIA E., US
[72] TALLANT, ANN E., US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[71] PIEDMONT RESEARCH & DEVELOPEMENT CORPORATION, US
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[54] **PROCEDES DE REDUCTION DE L'EXPRESSION DE C9ORF72**
[72] BENNETT, FRANK C., US
[72] RIGO, FRANK, US
[72] CLEVELAND, DON W., US
[72] JIANG, JIE, US
[72] ZHU, QIANG, US
[72] LAGIER-TOURENNE, CLOTILDE, US
[71] IONIS PHARMACEUTICALS, INC., US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, CH
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[54] **METHOD AND SYSTEM FOR USER AUTHENTICATION WITH IMPROVED SECURITY**
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UTILISATEUR A SECURITE AMELIOREE**
[72] SMALES, ANTONY, AU
[71] FORTICODE LIMITED, AU
[85] 2018-09-12
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[25] EN
[54] **CONTROLLED RELEASE OF CHEMICALS IN OILFIELD OPERATIONS**
[54] **LIBERATION CONTROLEE DE PRODUITS CHIMIQUES DANS DES OPERATIONS EN CHAMP PETROLIFERE**
[72] QUINTERO, HARVEY, CA
[72] WANG, CHUANZHONG, CA
[72] ZHANG, KEWEI, CA
[72] O'NEIL, BILL, CA
[72] LU, WEIBING, CA
[71] TRICAN WELL SERVICE LTD., CA
[85] 2018-09-12
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[54] **HIGH PERFORMANCE GLASS FIBER COMPOSITION, AND GLASS FIBER AND COMPOSITE MATERIAL THEREOF**
[54] **COMPOSITION DE FIBRE DE VERRE HAUTE PERFORMANCE, ET FIBRE DE VERRE ET MATERIAU COMPOSITE DE CELLE-CI**
[72] ZHANG, LIN, CN
[72] CAO, GUORONG, CN
[72] ZHANG, YUQIANG, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
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[25] EN
[54] **FUNGICIDAL COMPOSITION**
[54] **COMPOSITION ANTIMICROBIENNE**
[72] ZHENG, ZUNTAO, CN
[72] ZHONG, HANGEN, CN
[72] JI, HONGJIN, CN
[71] JIANGSU HUIFENG BIO AGRICULTURE CO., LTD., CN
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[25] FR
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[54] **PROCEDE DE PRODUCTION DE CELLULASES AVEC DU MARC LIGNOCELLULOSIQUE PRETRAITE**
[72] BEN CHAABANE, FADHEL, FR
[72] COHEN, CELINE, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
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[54] **INJECTEUR A FORCE DE DETACHEMENT REDUITE**
[72] HETTING, MIKAEL, DK
[71] INJECTO A/S, DK
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[25] EN
[54] **METHOD FOR PREPARING VIRAL PARTICLES WITH CYCLIC DINUCLEOTIDE AND USE OF SAID PARTICLES FOR TREATING CANCER**
[54] **PROCEDE DE PREPARATION DE PARTICULES VIRALES A DINUCLEOTIDE CYCLIQUE ET UTILISATION DESDITES PARTICULES POUR LE TRAITEMENT DU CANCER**
[72] MANEL, NICOLAS, FR
[72] GENTILI, MATTEO, FR
[72] TAKESHI, SATOH, JP
[72] REHWINKEL, JAN, GB
[72] BRIDGEMAN, ANNE, GB
[72] DAVENNE, TAMARA, GB
[72] MAELFAIT, JONATHAN, GB
[71] INSTITUT CURIE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2018-09-12
[86] 2016-03-16 (PCT/EP2016/055738)
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[25] EN
[54] **METHOD FOR PRODUCING DISPERSIONS OF A DEFINED PARTICLE SIZE**
[54] **PROCEDE POUR PREPARER DES DISPERSIONS AYANT UNE TAILLE DE PARTICULES DEFINIE**
[72] OURIEV, BORIS, CH
[71] ARCOLOR AG, CH
[85] 2018-09-12
[86] 2017-03-14 (PCT/EP2017/025049)
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[25] EN
[54] **FUNGICIDAL COMPOSITION**
[54] **COMPOSITION BACTERICIDE**
[72] ZHONG, HANGEN, CN
[72] JI, HONGJIN, CN
[71] JIANGSU HUIFENG BIO AGRICULTURE CO., LTD., CN
[85] 2018-09-12
[86] 2016-08-08 (PCT/CN2016/094040)
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[54] **METHOD AND APPARATUS FOR PROVIDING A WEB OF A FLEXIBLE, PLASTIC PACKAGING MATERIAL AND FLEXIBLE POUCH PACKAGE**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN FILM D'UN MATERIAU D'EMBALLAGE SOUPLE EN MATIERE PLASTIQUE ET EMBALLAGE EN SACHET SOUPLE**
[72] RODMAN, LARS, SE
[72] NILSSON, LARS PETER, DK
[71] ECOLEAN AB, SE
[85] 2018-09-12
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[54] **ION CONDUCTIVE DEVICE WITH CONTROLLED DELIVERY ELECTRODE**
[54] **DISPOSITIF CONDUCTEUR D'IONS A ELECTRODE D'EMISSION COMMANDEE**
[72] JONSSON, AMANDA, SE
[72] ARBRING SJOSTROM, THERESIA, SE
[72] SIMON, DANIEL, SE
[72] BERGGREN, MAGNUS, SE
[71] OBOE IPR AB, SE
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[54] **PLANT GROWTH REGULATOR**
[54] **REGULATEUR DE CROISSANCE DES PLANTES**
[72] ZHONG, HANGEN, CN
[72] JI, ZIHUA, CN
[72] JI, HONGJIN, CN
[72] HUA, WEI, CN
[72] JI, DINGGEN, CN
[72] WEI, JIANFENG, CN
[71] JIANGSU HUIFENG BIO AGRICULTURE CO., LTD., CN
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[54] **SUBSTITUTED SULFONYL AMIDES FOR CONTROLLING ANIMAL PESTS**
[54] **SULFONYLAMIDES SUBSTITUES POUR LUTTER CONTRE LES RAVAGEURS**
[72] FUSSLEIN, MARTIN, DE
[72] WROBLOWSKY, HEINZ-JURGEN, DE
[72] KUBBELER, SUSANNE, DE
[72] HAGER, DOMINIK, DE
[72] KAUSCH-BUSIES, NINA, DE
[72] MULLER, KLAUS-HELMUT, DE
[72] PORTZ, DANIELA, DE
[72] ILG, KERSTIN, DE
[72] MALSAM, OLGA, DE
[72] EILMUS, SASCHA, DE
[72] LOSEL, PETER, DE
[72] GORGENS, ULRICH, DE
[72] HERRMANN, STEFAN, DE
[72] BECKER, ANGELA, FR
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **FINELY DIVIDED AQUEOUS MULTISTAGE POLYMER DISPERSION, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF AS A BINDER**
[54] **DISPERSION POLYMERE MULTIPHASIQUE AQUEUSE A PARTICULES FINES, PROCEDE POUR SA PREPARATION ET SON UTILISATION COMME LIANT**
[72] BALK, ROELOF, DE
[72] LOHMEIJER, BASTIAAN, DE
[72] WRAZIDLO, ROBERT, DE
[71] BASF SE, DE
[85] 2018-09-12
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[25] FR
[54] **PROCESS FOR OBTAINING THIN FILMS AND FILM-FORMING ARTICLES**
[54] **PROCEDE D'OBTENTION DE FILMS FINS ET ARTICLES FILMOGENES**
[72] SCHMITT, PAUL GUILLAUME, FR
[72] MONGUILLON, BERNARD, FR
[71] ARKEMA FRANCE, FR
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[25] EN
[54] **3D-TISSUE CULTURE BASED METHOD TO ASSESS MITOCHONDRIAL IMPAIRMENT**
[54] **PROCEDE BASE SUR UNE CULTURE DE TISSU 3D POUR EVALUER UNE DEFICIENCE MITOCHONDRIALE**
[72] KELM, JENS, CH
[72] MESSNER, SIMON, CH
[71] INSPHERO AG, CH
[85] 2018-09-12
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[54] **COMBINATION THERAPY FOR PROLIFERATIVE DISEASES**
[54] **POLYTHERAPIE POUR TRAITER LES MALADIES PROLIFERATIVES**
[72] JOHANSEN, BERIT, NO
[72] FEUERHERM, ASTRID JULLUMSTRO, NO
[71] AVEXXIN AS, NO
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[25] EN
[54] **DOOR INNER PANEL AND METHOD FOR MANUFACTURING DOOR INNER PANEL**
[54] **PANNEAU INTERNE DE PORTE ET PROCEDE DE FABRICATION DE PANNEAU INTERNE DE PORTE**
[72] OTSUKA, KENICHIRO, JP
[72] ONO, ATSUSHI, JP
[72] KASEDA, YOSHIYUKI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[51] **Int.Cl. A61K 39/12 (2006.01)**
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[54] **MEANS AND METHODS FOR TREATING HSV**
[54] **MOYENS ET METHODES POUR LE TRAITEMENT DU VHS**
[72] STERGIOU, GARYFALIA, CH
[72] SCHAUB, CHRISTIAN, CH
[72] JOHN, CORINNE, CH
[71] REDBIOTEC AG, CH
[85] 2018-09-12
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING IRON INTAKE IN A MAMMAL**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AUGMENTER L'ABSORPTION DE FER CHEZ UN MAMMIFERE**
[72] GILMER, JOHN, IE
[72] GABOR, RADICS, IE
[72] WHELEHAN, MICHAEL, IE
[72] WANG, JUN, IE
[72] O'FLYNN, PAT, IE
[72] LEDWIDGE, PAT, IE
[71] SOLVOTRIN THERAPEUTICS LTD, IE
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[87] (WO2017/158030)
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[25] EN
[54] **COMBINATION THERAPY FOR PROLIFERATIVE DISEASES**
[54] **POLYTHERAPIE POUR MALADIES PROLIFERATIVES**
[72] JOHANSEN, BERIT, NO
[72] FEUERHERM, ASTRID JULLUMSTRO, NO
[71] AVEXXIN AS, NO
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[25] EN
[54] **APPARATUS AND METHOD FOR HARMONIC-PERCUSSIVE-RESIDUAL SOUND SEPARATION USING A STRUCTURE TENSOR ON SPECTROGRAMS**
[54] **APPAREIL ET PROCEDE POUR LA SEPARATION DE SON DE PERCUSSION RESIDUEL HARMONIQUE AU MOYEN D'UN TENSEUR DE STRUCTURE SUR DES SPECTROGRAMMES**
[72] NIEDERMEIER, ANDREAS, DE
[72] FUEG, RICHARD, DE
[72] DISCH, SASCHA, DE
[72] MUELLER, MEINARD, DE
[72] DRIEDGER, JONATHAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHING E.V., DE
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[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **FRAME AND HEADGEAR FOR RESPIRATORY MASK SYSTEM**
[54] **STRUCTURE ET HARNAIS POUR SYSTEME DE MASQUE RESPIRATOIRE**
[72] GRAHAM, RYAN ANTHONY, NZ
[72] GORDON, CALLUM ROSS, NZ
[72] GALGALI, AMIT, NZ
[72] THOMPSON, MARK ANDREW, NZ
[72] SINTIVE, BRUNO, NZ
[72] GAO, VICKY DAN, NZ
[72] WILLIS, CAMERON ROBERT, NZ
[72] HOCKING, JAKE BAKER, NZ
[72] PEREIRA, PRIYANKA FERDINAND, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[86] 2017-03-09 (PCT/IB2017/051371)
[87] (WO2017/158474)
[30] US (62/310,537) 2016-03-18
[30] US (62/381,509) 2016-08-30

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MEANS AND METHODS FOR AMPLIFYING NUCLEOTIDE SEQUENCES**
[54] **MOYENS ET PROCEDES D'AMPLIFICATION DE SEQUENCES NUCLEOTIDIQUES**
[72] CALLEWAERT, NICO, BE
[72] DE KOKER, ANDRIES, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-09-12
[86] 2017-03-22 (PCT/EP2017/056850)
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[30] EP (16161672.7) 2016-03-22

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[51] **Int.Cl. C12G 3/00 (2006.01) B67D 1/00 (2006.01) C12C 11/11 (2006.01) C12C 13/10 (2006.01)**
[25] EN
[54] **A METHOD OF PREPARING A BEVERAGE FROM A SINGLE-SERVE CONTAINER OR A KIT IN PARTS OF SINGLE-SERVE CONTAINER, SAID SINGLE-SERVE CONTAINER AND SAID KIT IN PARTS**
[54] **PROCEDE DE PREPARATION D'UNE BOISSON A PARTIR D'UN CONTENANT A USAGE UNIQUE OU D'UN KIT DE PIECES D'UN CONTENANT A USAGE UNIQUE, LEDIT CONTENANT A USAGE UNIQUE ET LEDIT KIT DE PIECES**
[72] ADAM, PIERRE, BE
[72] MONSANTO, MIGUEL, BE
[72] DE SCHUTTER, DAVID, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2018-09-12
[86] 2017-03-30 (PCT/EP2017/057519)
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[51] **Int.Cl. E04H 12/08 (2006.01) F03D 13/20 (2016.01)**
[25] EN
[54] **SUPPORT STRUCTURE FOR A WIND TURBINE**
[54] **STRUCTURE PORTANTE POUR EOLIENNE**
[72] BARTMINN, DANIEL, DE
[72] CZARNECKI, ARTUR, DE
[72] MATLOCK, BENJAMIN, DE
[71] INNOGY SE, DE
[85] 2018-09-12
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[25] EN
[54] **METHOD AND WIND TURBINE FOR FEEDING ELECTRIC POWER**
[54] **PROCEDE ET EOLIENNE POUR L'INJECTION D'ENERGIE ELECTRIQUE**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-12
[86] 2017-04-05 (PCT/EP2017/058082)
[87] (WO2017/174644)
[30] DE (10 2016 106 215.4) 2016-04-05

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[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **STRAP ASSEMBLY, STRAP CONNECTOR, HEADGEAR, HEADGEAR ASSEMBLY, METHOD OF FORMING HEADGEAR, TUBULAR CONNECTOR, PATIENT INTERFACE AND METHOD OF JOINING STRAPS**
[54] **INTRA-MOULAGE A ECLATEMENT**
[72] FREESTONE, PAUL MATHEW, NZ
[72] COLLINS, JANINE ELIZABETH, NZ
[72] GRAHAM, RYAN ANTHONY, NZ
[72] KAPELEVICH, VITALY, NZ
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] RANDLES, SOPHIE KATHRYN, NZ
[72] SIEW, SILAS SAO JIN, NZ
[72] THOMAS, STEVE, NZ
[72] LEAHY, RONAN, NZ
[72] BETTERIDGE, MAX LEON, NZ
[72] GORDON, CALLUM ROSS, NZ
[72] GAO, VICKY DAN, NZ
[72] WILLIS, CAMERON ROBERT, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[51] **Int.Cl. C07D 231/56 (2006.01) C07D 471/02 (2006.01) C07D 471/04 (2006.01)**
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[54] **COMPOUNDS AND METHODS FOR MODULATING BRUTON'S TYROSINE KINASE**
[54] **COMPOSES ET PROCEDES POUR MODULER LA TYROSINE KINASE DE BRUTON**
[72] HUDSON, RYAN, US
[72] BEAUSOLEIL, ANNE-MARIE, GB
[72] MILLER, RICHARD A., US
[72] VERNER, ERIK, US
[71] CORVUS PHARMACEUTICALS, INC., US
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[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **A LIQUID PUMPING DEVICE COMPRISING A GEAR PUMP FOR BEVERAGE DISPENSER**
[54] **DISPOSITIF DE POMPAGE DE LIQUIDE COMPRENANT UNE POMPE A ENGRENAGES POUR DISTRIBUTEUR DE BOISSONS**
[72] PERENTES, ALEXANDRE, CH
[72] PHAN, MINH QUAN, CH
[72] GANSHOF VAN DER MEERSCH, NICOLAS, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **SYSTEM AND METHOD FOR THE TRANSPORT OF GOODS**
[54] **SYSTEME ET PROCEDE POUR LE TRANSPORT DE MARCHANDISES**
[72] BORASO, ROBERTO, IT
[72] BORASO, LUCA, IT
[72] GRISONI, CLAUDIO, IT
[72] LEONFORTE, ANTONIO, IT
[71] SEFERO SRL, IT
[85] 2018-09-12
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[25] EN
[54] **DISPENSER FOR PROVIDING HYGIENIC PROTECTION OF HANDS WHEN USING A FUEL PUMP**
[54] **DISTRIBUTEUR POUR ASSURER LA PROTECTION HYGIENIQUE DES MAINS LORS DE L'UTILISATION D'UNE POMPE A CARBURANT**
[72] YEO, OLIVER, GB
[71] YEO, OLIVER, GB
[85] 2018-09-12
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[25] EN
[54] **METHOD OF TREATMENT COMPRISING MEMBRANE-ENCLOSED VESICLE**
[54] **PROCEDE DE TRAITEMENT COMPRENANT DES VESICULES LOGEES DANS UNE MEMBRANE**
[72] ROSS, DUNCAN, US
[71] ROSS, DUNCAN, US
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[25] EN
[54] **PALATABLE COMPOSITIONS INCLUDING SODIUM PHENYLBUTYRATE AND USES THEREOF**
[54] **COMPOSITIONS AU GOUT AGREABLE COMPRENANT DU PHENYLBUTYRATE DE SODIUM ET LEURS UTILISATIONS**
[72] APPEL, LEAH E., US
[72] SHOCKEY, JOSHUA R., US
[72] SCHELLING, D. CHRISTOPHER, US
[71] ACER THERAPEUTICS INC., US
[85] 2018-09-12
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[30] US (62/308,614) 2016-03-15

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[25] EN
[54] **METHODS AND SYSTEMS FOR HIGH TEMPERATURE SUPERCONDUCTORS**
[54] **PROCEDES ET SYSTEMES POUR DES SUPRACONDUCTEURS A HAUTE TEMPERATURE**
[72] ZHAO, DONG, US
[72] ZHAO, GEORGE JIN, US
[71] EASTERN PLUS, LLC, US
[85] 2018-09-12
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[51] **Int.Cl. G06F 7/04 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR PROVIDING IDENTITY SCORES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES SCORES D'IDENTITE**
[72] SCHUKAI, ROBERT JOSEPH, US
[72] MANUEL, SCOTT RYAN, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-09-12
[86] 2017-02-14 (PCT/US2017/017840)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A PERSONAL DISTRIBUTED LEDGER**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN PLACE UN REGISTRE REPARTI PERSONNEL**
[72] COLLIN, RICHARD, CH
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-09-12
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[25] EN
[54] **NASAL BIOMARKERS OF ASTHMA**
[54] **BIOMARQUEURS NASAUX DE L'ASTHME**
[72] BUNYAVANICH, SUPINDA, US
[72] PANDEY, GAURAV, US
[72] SCHADT, ERIC S., US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2018-09-12
[86] 2017-02-17 (PCT/US2017/018318)
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[25] EN
[54] **IMPROVED ULTRA-HIGH DYNAMIC RANGE PIXEL ARCHITECTURE**
[54] **ARCHITECTURE AMELIOREE DE PIXELS A GAMME DYNAMIQUE ULTRA-ELEVEE**
[72] DO, HUNG T., US
[72] MAGNANI, ALBERTO M., US
[72] MCGRATH, R. DANIEL, US
[71] BAE SYSTEMS IMAGING SOLUTIONS INC., US
[85] 2018-09-12
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[25] EN
[54] **IMPROVED AROMATIC POLYESTER POLYOL COMPOSITIONS**
[54] **COMPOSITIONS AMELIOREES DE POLYESTER POLYOL AROMATIQUE**
[72] LUO, NING, US
[71] INVISTA TEXTILES (U.K.) LIMITED, GB
[85] 2018-07-20
[86] 2016-12-30 (PCT/US2016/069448)
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[51] **Int.Cl. A61C 5/42 (2017.01) A61B 17/24 (2006.01) B21G 1/12 (2006.01)**
[25] EN
[54] **NON-CIRCULAR ENDODONTIC INSTRUMENTS**
[54] **INSTRUMENTS ENDODONTIQUES NON CIRCULAIRES**
[72] MUSIKANT, BARRY L., US
[71] ESSENTIAL DENTAL SYSTEMS, INC., US
[85] 2018-09-12
[86] 2017-03-01 (PCT/US2017/020097)
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[30] US (62/308,622) 2016-03-15
[30] US (15/408,608) 2017-01-18

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[51] **Int.Cl. C07K 1/30 (2006.01) C12N 15/90 (2006.01) C12Q 1/68 (2018.01) G01N 1/34 (2006.01) G01N 1/38 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **THERAPEUTIC MEMBRANE VESICLES**
[54] **VESICULES MEMBRANAIRES THERAPEUTIQUES**
[72] LOTVALL, JAN, US
[72] JANG, SU CHUL, US
[71] CODIAK BIOSCIENCES, INC., US
[85] 2018-09-12
[86] 2017-03-15 (PCT/US2017/022544)
[87] (WO2017/161010)
[30] US (62/308,805) 2016-03-15

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[51] **Int.Cl. B60T 8/172 (2006.01) B60T 8/1763 (2006.01)**
[25] EN
[54] **BRAKE FLUID PRESSURE CONTROL DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE PRESSION DE LIQUIDE DE FREIN POUR VEHICULE**
[72] YAMAKAWA, TERUYOSHI, JP
[71] NISSIN KOGYO CO., LTD., JP
[85] 2018-09-12
[86] 2017-02-28 (PCT/JP2017/007928)
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[30] JP (2016-086094) 2016-04-22

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[51] **Int.Cl. C05C 1/02 (2006.01) C05C 5/00 (2006.01) C05C 5/02 (2006.01) C05C 5/04 (2006.01) C05C 7/02 (2006.01) C05C 9/02 (2006.01) C05G 3/00 (2006.01) C09K 17/04 (2006.01)**
[25] EN
[54] **AGRICULTURAL SYSTEMS, COMPOSITIONS AND METHODS FOR INCREASING CROP YIELD**
[54] **SYSTEMES, COMPOSITIONS ET PROCEDES AGRICOLES POUR AUGMENTER LE RENDEMENT DES CULTURES**
[72] AVGOUSTI, MARIOS, US
[72] BURCH, ROBERT RAY, US
[72] CASPAR, TIMOTHY, US
[72] DEBRUIN, JASON, US
[72] EVERARD, JOHN D., US
[72] GOROWARA, RAJEEV L., US
[72] GRUIS, DARREN B., US
[72] HERRMANN, RAFAEL, US
[72] KENDRA, SHANE FRANCIS, US
[72] KRATZ, KATRINA, US
[72] MACCHIA, JACY CAMERON, US
[72] PAPE, RYAN ARTHUR, US
[72] SCHUSSLER, JEFFREY R., US
[72] ZHANG, JIHUA, US
[72] WANG, NING, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-09-12
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[30] US (62/311,911) 2016-03-23

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[25] EN
[54] **FILTERING SYRINGE**
[54] **SERINGUE A FILTRE**
[72] RA, YONG-KUK, KR
[71] RA, YONG-KUK, KR
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[51] **Int.Cl. A23L 5/20 (2016.01) A23L 25/00 (2016.01) A23C 11/10 (2006.01) A23J 1/14 (2006.01) A23J 3/14 (2006.01)**
[25] EN
[54] **PROTEIN PRODUCTS, ESPECIALLY PEANUT MILK AND METHODS FOR MAKING THE SAME**
[54] **PRODUITS PROTEINES, EN PARTICULIER LE LAIT D'ARACHIDE, ET LEURS PROCEDES DE FABRICATION**
[72] DIERBACH, LISA A., US
[72] GREGG-ALBERS, JULIA L., US
[72] HIGH, RYAN M., US
[72] KIMMEL, JENNIFER L., US
[72] LAUDANO, RAY, US
[72] ORTIZ, INMACULADA ANDUJAR, US
[72] WANG, YAN, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2018-09-12
[86] 2017-03-13 (PCT/US2017/022096)
[87] (WO2017/160714)
[30] US (15/069,218) 2016-03-14

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[51] **Int.Cl. E03C 1/04 (2006.01) E03C 1/05 (2006.01)**
[25] EN
[54] **ELECTRONIC FAUCET WITH SPATIAL ORIENTATION CONTROL SYSTEM**
[54] **ROBINET ELECTRONIQUE AVEC SYSTEME DE COMMANDE D'ORIENTATION SPATIALE**
[72] BECK, CHASEN SCOTT, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-09-12
[86] 2017-03-23 (PCT/US2017/023769)
[87] (WO2017/165622)
[30] US (62/313,385) 2016-03-25
[30] US (15/451,608) 2017-03-07

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[13] A1
[51] **Int.Cl. E02F 3/32 (2006.01) E02F 9/20 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **VARIABLE ENGINE SPEED CONTROL**
[54] **COMMANDE DE VITESSE DE MOTEUR VARIABLE**
[72] HANSEN, RONALD S., US
[72] YOUNG, CHRISTOPHER L., US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2018-09-12
[86] 2017-03-31 (PCT/US2017/025492)
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01)**
[25] EN
[54] **METHODS OF T CELL EXPANSION AND ACTIVATION**
[54] **PROCEDES D'EXPANSION ET D'ACTIVATION DE LYMPHOCYTES T**
[72] HEMATTI, PEIMAN, US
[72] BLOOM, DEBRA, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2018-09-12
[86] 2017-03-14 (PCT/US2017/022260)
[87] (WO2017/160806)
[30] US (62/307,989) 2016-03-14

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[51] **Int.Cl. G08B 13/196 (2006.01) G08B 3/10 (2006.01) H04N 5/232 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **LOW-POWER-CONSUMPTION AUDIO/VIDEO RECORDING AND COMMUNICATION DOORBELL**
[54] **CARILLON A ENREGISTREMENT ET COMMUNICATION AUDIO/VIDEO A FAIBLE CONSOMMATION D'ENERGIE**
[72] SIMINOFF, JAMES, US
[72] JEONG, CHANGSOO, US
[72] MODESTINE, JOHN, US
[72] PHILLIPS, TREVOR, US
[72] SMIMINOFF, MARK, US
[72] TSO, ROBERT, US
[72] WESTERMAN, STUART, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-09-12
[86] 2017-03-15 (PCT/US2017/022407)
[87] (WO2017/160906)
[30] US (62/308,746) 2016-03-15

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[13] A1
[51] **Int.Cl. G06Q 40/06 (2012.01) G06Q 10/00 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **RULE BASED HIERARCHICAL CONFIGURATION**
[54] **CONFIGURATION HIERARCHIQUE BASEE SUR DES REGLES**
[72] LYNCH, ROBERT, US
[72] TANG, REGINALD, US
[72] SOS-MUNOZ, VICENT, US
[72] WISE, JOHN W., US
[71] INVESTCLOUD INC, US
[85] 2018-09-12
[86] 2017-03-01 (PCT/US2017/020269)
[87] (WO2017/172222)
[30] US (15/083,091) 2016-03-28

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[51] **Int.Cl. B65B 67/00 (2006.01) B26F 3/02 (2006.01) B65B 43/32 (2006.01) B65B 61/04 (2006.01) B65B 61/12 (2006.01) B65D 33/00 (2006.01) B65H 35/10 (2006.01)**
[25] EN
[54] **BAG DISPENSER FOR FACILITATING BAG OPENING**
[54] **DISTRIBUTEUR DE SACS PERMETTANT DE FACILITER UNE OUVERTURE DE SAC**
[72] KRAUSE, JACOB C., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-12
[86] 2017-03-15 (PCT/US2017/022413)
[87] (WO2017/160911)
[30] US (62/309,864) 2016-03-17

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[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **DUAL FUNCTION ANTIBODIES SPECIFIC TO GLYCOSYLATED PD-L1 AND METHODS OF USE THEREOF**
[54] **ANTICORPS A FONCTION DOUBLE SPECIFIQUES DE PD-L1 GLYCOSYLEE ET LEURS PROCEDES D'UTILISATION**
[72] YOO, STEPHEN S., US
[72] CHUNG, EZRA M., US
[72] KIM, YONG-SOO, US
[72] HAN, KYU LEE, US
[72] PARK, ANDREW H., US
[72] HUNG, MIEN-CHIE, US
[72] LI, CHIA-WEI, US
[72] LIM, SEUNG-OE, US
[71] STCUBE, INC., KR
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-09-12
[86] 2017-03-24 (PCT/US2017/024027)
[87] (WO2017/172518)
[30] US (62/314,652) 2016-03-29
[30] US (62/361,312) 2016-07-12

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[51] **Int.Cl. A61C 7/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR ORDERING AND MANUFACTURING CUSTOMIZED ORTHODONTIC APPLIANCES AND PRODUCTS**
[54] **SYSTEME ET PROCEDE DE COMMANDE ET DE FABRICATION D'APPAREILS ET DE PRODUITS ORTHODONTIQUES SUR MESURE**
[72] LEMCHEN, MARC, US
[72] WRIGHT, JIM, US
[72] WRIGHT, MICHAEL, US
[72] BLANKENBECLER, TODD, US
[71] LEMCHEN, MARC, US
[71] WRIGHT, JIM, US
[71] WRIGHT, MICHAEL, US
[71] BLANKENBECLER, TODD, US
[71] EASYRX, LLC., US
[85] 2018-09-12
[86] 2017-03-03 (PCT/US2017/020671)
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[30] US (15/072,198) 2016-03-16

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[51] **Int.Cl. A61B 5/02 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ESTIMATING HEALTHY LUMEN DIAMETER AND STENOSIS QUANTIFICATION IN CORONARY ARTERIES**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION DU DIAMETRE DE LUMIERE SAINE ET QUANTIFICATION D'UNE STENOSE DANS DES ARTERES CORONAIRES**
[72] SANKARAN, SETHURAMAN, US
[72] SCHAAP, MICHIEL, US
[72] GRADY, LEO, US
[71] HEARTFLOW, INC., US
[85] 2018-09-12
[86] 2017-03-15 (PCT/US2017/022525)
[87] (WO2017/160994)
[30] US (62/309,376) 2016-03-16

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01) H04W 36/00 (2009.01) H04W 8/24 (2009.01) H04W 12/02 (2009.01)**
[25] EN
[54] **ENHANCED NON-ACCESS STRATUM SECURITY**
[54] **SECURITE DE STRATE DE NON-ACCES AMELIOREE**
[72] LEE, SOO BUM, US
[72] PALANIGOUNDER, ANAND, US
[72] ESCOTT, ADRIAN EDWARD, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-12
[86] 2017-03-27 (PCT/US2017/024260)
[87] (WO2017/189139)
[30] US (62/328,430) 2016-04-27
[30] US (15/286,002) 2016-10-05

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[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR SWING ADSORPTION PROCESSES RELATED THERETO**
[54] **APPAREIL ET SYSTEME POUR PROCEDES D'ADSORPTION MODULEE ASSOCIES**
[72] TAMMERA, ROBERT F., US
[72] KELLEY, BRUCE T., US
[72] CHIALVO, SEBASTIAN, US
[72] NAGAVARAPU, ANANDA K., US
[72] BARNES, WILLIAM, US
[72] FOWLER, TRACY A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-09-12
[86] 2017-03-06 (PCT/US2017/020914)
[87] (WO2017/160521)
[30] US (62/310,289) 2016-03-18

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[13] A1
[51] **Int.Cl. A61K 8/81 (2006.01) A61Q 1/00 (2006.01) A61Q 5/06 (2006.01) A61Q 5/12 (2006.01) A61Q 19/00 (2006.01) C08F 220/60 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITION FOR A KERATIN SUBSTRATE COMPRISING CONDITIONING, COLOR PROTECTING AND STYLING POLYMER**
[54] **COMPOSITION DE SOIN PERSONNEL POUR SUBSTRAT KERATINIQUE COMPRENANT UN POLYMERE D'APRES-SHAMPOOING, DE PROTECTION DES COULEURS ET DE COIFFAGE**
[72] KHATUN, AMNA, GB
[72] FRANZKE, MICHAEL, NL
[72] KULCSAR, LIDIA, US
[72] KROON, GIJSBERT, NL
[72] FOLTIS, LINDA C., US
[71] ISP INVESTMENTS LLC, US
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[54] **MERCHANT LOYALTY ACCOUNT ENROLLMENT THROUGH PAYMENT CHECKOUT PLATFORM SERVICES**
[54] **INSCRIPTION A UN COMPTE DE FIDELITE DE COMMERCANT PAR L'INTERMEDIAIRE DE SERVICES DE PLATEFORME DE VERIFICATION DE PAIEMENT**
[72] PURVES, THOMAS, US
[72] KRUG, GUYON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-09-12
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[54] **PRODUCTION OF ANTIGEN-SPECIFIC T-CELLS**
[54] **PRODUCTION DE CELLULES T SPECIFIQUES D'ANTIGENES**
[72] OELKE, MATHIAS, US
[72] SANTOS, JOSE LUIS, US
[72] KIM, SOJUNG, US
[72] SCHNECK, JONATHAN, US
[72] KOSMIDES, ALYSSA, US
[71] NEXIMMUNE, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-09-12
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[54] **CONNECTEUR ELECTRIQUE**
[72] HUGHES, DAVID CHARLES, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **ACOUSTIC TWEEZERS**
[54] **PINCETTES ACOUSTIQUES**
[72] BAUDOIN, MICHAEL AYMERIC CYRIL, FR
[72] BOU MATAR-LACAZE, OLIVIER KHALIL NIZAR, FR
[72] RIAUD, ANTOINE JEAN-PIERRE RENE, FR
[72] THOMAS, JEAN-LOUIS PIERRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LILLE, FR
[71] ECOLE CENTRALE DE LILLE, FR
[71] SORBONNE UNIVERSITE, FR
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[54] **SYSTEM FOR PRODUCING FLATBREAD, AND METHOD FOR THE PROVISION OF SAME**
[54] **SYSTEME DE CONFECTION D'UN PAIN PLAT ET PROCEDE DE PREPRATION**
[72] MULLER, JONAS, CH
[72] VAZQUEZ GUTIERREZ, PAMELA, CH
[72] SONDEREGGER, FABIAN, CH
[71] FLATEV AG, CH
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[25] EN
[54] **DOUBLE-HEADED HYDRATE INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS D'HYDRATES A DEUX TETES ET PROCEDES D'UTILISATION**
[72] LAN, QIANG, US
[72] MONTEIRO, DEEPAK STEVEN, US
[72] CEGLIO, MARK PAUL, II, US
[72] KRISHNAMURTHY, PUSHKALA, US
[72] ACOSTA, ERICK J., US
[71] MULTI-CHEM GROUP, LLC, US
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[54] **METHOD FOR CONSTRUCTION OF AN INDUSTRIAL PLANT**
[54] **PROCEDE DE CONSTRUCTION D'UNE INSTALLATION INDUSTRIELLE**
[72] GRASSA, GIOVANNI, CA
[72] LAWRENCE, DAVE, CA
[72] SKELTON, ROD, CA
[71] PERI GMBH, DE
[85] 2018-09-13
[86] 2017-02-23 (PCT/EP2017/054170)
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[54] **ION SEPARATION MEDIA AND APPLICATIONS THEREOF**
[54] **MILIEUX DE SEPARATION IONIQUE ET LEURS APPLICATIONS**
[72] CARROLL, DAVID L., US
[71] WAKE FOREST UNIVERSITY, US
[85] 2018-09-12
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[54] **ENGINEERED TRAIL FOR CANCER THERAPY**
[54] **MOLECULE TRAIL MODIFIEE POUR LA THERAPIE DU CANCER**
[72] MARCANTONIO, DIANA HUNG-YI CHAI, US
[72] SAZINSKY, STEPHEN L., US
[72] SCHOEBERL, BIRGIT M., US
[72] TAM, ERIC M., US
[71] MERRIMACK PHARMACEUTICALS, INC., US
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[54] **A CONCERTINAED EXPANDABLE TISSUE EXPANDER**
[54] **EXTENSEUR DE TISSU EXTENSIBLE EN ACCORDEON**
[72] JACKSON, DAVID EDWARD, GB
[71] OXTEX LIMITED, GB
[85] 2018-09-11
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[25] EN
[54] **SYSTEMS AND METHODS FOR OBJECT MATCHING AND SUBSTITUTION**
[54] **SYSTEMES ET PROCEDES DE MISE EN CORRESPONDANCE ET DE SUBSTITUTION D'OBJETS**
[72] HIGH, DONALD, US
[72] VALKOV, ANTON, US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] CORNEJO BARRIERE, MARIO ALBERTO, US
[71] WALMART APOLLO, LLC, US
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[54] **DETACHABLE DISPOSABLE ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT JETABLE AMOVIBLE**
[72] RICHARDSON, IRENE, US
[71] RICHARDSON, IRENE, US
[85] 2018-09-10
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[54] **INTRODUCER AND METHODS OF USE THEREOF**
[54] **DISPOSITIF D'INTRODUCTION ET PROCEDES D'UTILISATION DE CE DISPOSITIF**
[72] MOLMENTI, ERNESTO, US
[72] HAND, CONOR, IE
[72] YOUNG, DEREK, IE
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
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[51] **Int.Cl. A61B 8/08 (2006.01)**
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[54] **ULTRASONIC PROBE AND ULTRASONIC DETECTION DEVICE PROVIDED WITH SAME**
[54] **SONDE ULTRASONORE ET DISPOSITIF DE DETECTION ULTRASONORE COMPRIS AVEC LADITE SONDE ULTRASONORE**
[72] MAO, JUNWEI, CN
[71] WUXI HISKY MEDICAL TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **DIFFERENT NUMEROLOGY FOR SIGNAL TRANSMISSION**
[54] **NUMEROLOGIE DIFFERENTE DE TRANSMISSION DE SIGNAUX**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] SUBRAMANIAN, SUNDAR, US
[72] ABEDINI, NAVID, US
[72] LI, JUNYI, US
[72] CEZANNE, JUERGEN, US
[72] LY, HUNG DINH, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
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[54] **FREQUENCY HOPPING IN OFDMA WIRELESS NETWORKS**
[54] **SAUT DE FREQUENCE DANS DES RESEAUX SANS FIL OFDMA**
[72] BANERJEA, RAJA, US
[72] GREEN, MICHAEL RICHARD, US
[72] TIAN, BIN, US
[72] JONES, VINCENT KNOWLES, IV, US
[72] KIM, YOUHAN, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
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[54] **SEQUENTIAL ANTI-CANCER TREATMENT**
[54] **TRAITEMENT ANTICANCEREUX SEQUENTIEL**
[72] BIGNER, DARELL D., US
[72] GROMEIER, MATTHIAS, US
[72] DESJARDINS, ANNICK, US
[72] FRIEDMAN, HENRY S., US
[72] FRIEDMAN, ALLAN H., US
[72] SAMPSON, JOHN H., US
[71] DUKE UNIVERSITY, US
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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 88/16 (2009.01)**
[25] EN
[54] **NFC ENABLED WIRELESS PROCESS COMMUNICATION GATEWAY**
[54] **PASSERELLE DE COMMUNICATION DE PROCESSUS SANS FIL ACTIVE PAR COMMUNICATION EN CHAMP PROCHE (NFC)**
[72] SANDOVAL-CASTILLO, VIRGILIO, US
[72] KRAUSE, JASON, US
[71] ROSEMOUNT INC., US
[85] 2018-09-12
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[25] EN
[54] **A COMPOSITE GLASSES STRUCTURE OF RIMLES GLASSES, SEMI-RIMLESS GLASSES AND FULL-RIM GLASSES**
[54] **STRUCTURE DE LUNETTES COMBINEES, LUNETTES SANS MONTURE, LUNETTES A DEMI-MONTURE ET LUNETTES A MONTURE COMPLETE**
[72] LIN, ZHEYU, CN
[72] SHANGGUAN, QUNYAN, CN
[71] XIAMENYARUI OPTICAL CO., LTD., CN
[85] 2018-09-13
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[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/00 (2018.01)**
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[54] **GARAGE DOOR OPENER WITH TOUCH SENSOR AUTHENTICATION**
[54] **DISPOSITIF D'OUVERTURE DE PORTE DE GARAGE A AUTHENTIFICATION PAR CAPTEUR TACTILE**
[72] BECK, CHASEN SCOTT, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-09-12
[86] 2017-03-21 (PCT/US2017/023311)
[87] (WO2017/165349)
[30] US (62/311,552) 2016-03-22

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[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE RESIDUE-FREE FRICTION STIR WELDING OF WORKPIECES WITH HEIGHT DIFFERENCES BETWEEN THE JOINT PARTNERS**
[54] **DISPOSITIF ET PROCEDE DE SOUDAGE PAR FRICTION SANS RESIDUS DE PIECES DE TRAVAIL AVEC DIFFERENCES DE HAUTEUR DE LA PIECE D'ACCOUPLEMENT**
[72] WEIGL, MARKUS, DE
[71] GRENZEBACH MASCHINENBAU GMBH, DE
[85] 2018-09-13
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[87] (WO2017/162224)
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[54] **NETWORK COMPUTER SYSTEM TO ADDRESS SERVICE PROVIDERS TO CONTACTS**
[54] **SYSTEME INFORMATIQUE DE RESEAU POUR ADRESSER DES FOURNISSEURS DE SERVICES A DES CONTACTS**
[72] CHEN, ANDREW, US
[72] HOLDEN, JEFFREY, US
[72] IVES, SONYA, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-09-12
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[30] US (62/311,339) 2016-03-21
[30] US (15/382,708) 2016-12-18

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[25] EN
[54] **DEVICE FOR REMOVING AND REINTRODUCING PARKING CARDS AND PARKING VOUCHERS FROM AND INTO THE AUTOMATIC MACHINES PROVIDED FOR THEM**
[54] **DISPOSITIF POUR PRELEVER DES CARTES DE STATIONNEMENT ET DES TICKETS DE STATIONNEMENT DANS DES DISTRIBUTEURS AUTOMATIQUES PREVUS A CET EFFET ET/OU LES REINTRODUIRE DANS LESDITS DISTRIBUTEURS AUTOMATIQUES**
[72] BECK, HEINZ, DE
[71] HEINZ BECK KUNSTSTOFFVERARBEITUNG GMBH, DE
[85] 2018-09-13
[86] 2017-03-14 (PCT/DE2017/100205)
[87] (WO2017/157389)
[30] DE (10 2016 003 348.7) 2016-03-18
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[51] **Int.Cl. A61K 31/5025 (2006.01) A61K 31/426 (2006.01) A61K 31/551 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **PIM KINASE INHIBITORS IN COMBINATION WITH RNA SPLICING MODULATORS/INHIBITORS FOR TREATMENT OF CANCERS**
[54] **INHIBITEURS DE KINASE PIM EN COMBINAISON AVEC DES MODULATEURS/INHIBITEURS D'EPISSAGE D'ARN POUR LE TRAITEMENT DE CANCERS**
[72] BIEBERICH, CHARLES J., US
[72] LI, XIANG, US
[72] JOGLEKAR, TEJASHREE, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, US
[85] 2018-09-12
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[25] EN
[54] **FULLY READABLE THERMAL SPRAY COATING**
[54] **REVETEMENT ISSU DE LA PROJECTION THERMIQUE ENTIEREMENT LISIBLE**
[72] CHENEY, JUSTIN LEE, US
[72] MODY, ZUBIN, US
[72] JIANG, DAVID, US
[71] SCOPERTA, INC., US
[85] 2018-09-12
[86] 2017-03-22 (PCT/US2017/023629)
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[30] US (62/311,757) 2016-03-22
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[51] **Int.Cl. C09J 175/04 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) C08G 18/12 (2006.01) C08G 18/36 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **REACTIVE POLYURETHANE ADHESIVE COMPOSITION, POLYURETHANE PREPOLYMER, AND FLEXIBLE LAMINATES INCLUDING THE SAME**
[54] **COMPOSITION ADHESIVE DE POLYURETHANE REACTIVE, PREPOLYMERE DE POLYURETHANE ET STRATIFIES SOUPLES LES COMPRENANT**
[72] EKLUND, WAYNE G., US
[72] OSTLUND, ANTHONY J., US
[72] RIPPE, STEPHEN G., US
[72] DAI, XIA JI, CN
[71] H.B. FULLER COMPANY, US
[85] 2018-09-12
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[30] US (62/329,622) 2016-04-29

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[51] **Int.Cl. H04L 29/06 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **WIRELESS LOCKSET WITH ANTI-HACKING FEATURE**
[54] **ENSEMBLE VERROU SANS FIL A CARACTERISTIQUE ANTI-PIRATAGE**
[72] BROWN, TROY M., US
[72] BUI, TAM, US
[71] SPECTRUM BRANDS, INC., US
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[86] 2017-03-23 (PCT/US2017/023747)
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[30] US (62/312,709) 2016-03-24

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/4192 (2006.01) A61K 31/4439 (2006.01) A61K 31/501 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 409/14 (2006.01) C07D 491/048 (2006.01)**
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[54] **1, 2, 3-TRIAZOLES 1,5-DISUBSTITUES QUI SONT DES INHIBITEURS DES GTPASES RAC/CDC42**
[72] VLAAR, CORNELIS P., US
[72] DHARMAWARDHANE FLANAGAN, SURANGANIE, US
[72] HERNANDEZ-O'FARRILL, ELIUD, US
[72] CASTILLO-PICHARDO, LINETTE, US
[71] UNIVERSITY OF PUERTO RICO, US
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[30] US (62/328,282) 2016-04-27

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[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **OPTICAL CHARACTER RECOGNITION IN STRUCTURED DOCUMENTS**
[54] **RECONNAISSANCE OPTIQUE DE CARACTERES DANS DES DOCUMENTS STRUCTURES**
[72] YELLAPRAGADA, VIJAY, US
[72] CHIANG, PEIJUN, US
[72] MADDIKA, SREENEEL K., US
[71] INTUIT, INC., US
[85] 2018-09-12
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[87] (WO2018/022162)
[30] US (15/219,888) 2016-07-26

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[51] **Int.Cl. A47H 11/00 (2006.01) E06B 9/30 (2006.01) E06B 9/322 (2006.01)**
[25] EN
[54] **POLL-CORD CONTROL DEVICE FOR CURTAIN WITHOUT OPERATION CORD**
[54] **DISPOSITIF DE COMMANDE DE CORDON DE TRACTION POUR RIDEAU SANS CORDON DE MANOEUVRE**
[72] LEI, ZHENBANG, CN
[72] LEI, XINGBANG, CN
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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFT METHOD**
[54] **PROCEDE D'ASCENSION PROVOQUEE**
[72] JENSEN, TORD, NO
[72] LARSEN, IVAR OYSTEIN, NO
[72] VALLE, ARNE, NO
[72] FEVANG, OIVIND, NO
[71] EQUINOR ENERGY AS, NO
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[54] **REAL-TIME OIL FUME CONCENTRATION MONITORING SYSTEM AND RANGE HOOD USING THE SAME**
[54] **SYSTEME DE SURVEILLANCE EN TEMPS REEL DE CONCENTRATION DE FUMEES DE CUISSON ET HOTTE DE CUISINE UTILISANT LEDIT SYSTEME**
[72] FANG, XIANLIANG, CN
[72] ZHAI, LIPENG, CN
[72] MAO, ZHONGQUN, CN
[72] ZHU, YONGDING, CN
[71] NINGBO FOTILE KITCHEN WARE CO., LTD, CN
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[54] **PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CANCERS**
[54] **PEPTIDES ET COMBINAISONS DE PEPTIDES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE ANTICANCEREUSE**
[72] MAHR, ANDREA, DE
[72] SCHOOR, OLIVER, DE
[72] WEINSCHENK, TONI, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **USE OF RED IRON OXIDE PIGMENTS IN AQUEOUS PREPARATIONS**
[54] **UTILISATION DE PIGMENTS D'OXYDE DE FER ROUGE DANS DES PREPARATIONS AQUEUSES**
[72] SPIEGELHAUER, STEPHAN, DE
[72] ROSENHAHN, CARSTEN, DE
[72] CZAPLIK, WALDEMAR, DE
[72] KISCHKEWITZ, JURGEN, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[54] **COMPOSITIONS FOR THE TREATMENT AND PREVENTION OF HOOF AND CLAW DISEASES**
[54] **COMPOSITIONS DESTINEES A TRAITER ET A PREVENIR LES MALADIES DES SABOTS ET DES GRIFFES**
[72] POLYAKOV, IGOR, DE
[72] IVANOVA, LIUDMILA, DE
[71] POLYAKOV, IGOR, DE
[71] IVANOVA, LIUDMILA, DE
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[25] EN
[54] **METHODS FOR SIMULTANEOUS POOLED GENOTYPING**
[54] **PROCEDES POUR GENOTYPAGE REGROUPE SIMULTANE**
[72] GERKE, JUSTIN P., US
[72] SNOWGREN ERICKSON, HEATHER RENEE, US
[72] TECHNOW, FRANK, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **NOUVEAUX PRODUITS IMMUNOBIOLOGIQUES**
[72] POLYAKOV, IGOR, DE
[72] IVANOVA, LIUDMILA, DE
[71] POLYAKOV, IGOR, DE
[71] IVANOVA, LIUDMILA, DE
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[54] **PRESSURE PROTECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE PRESSION**
[72] JENSEN, TORD, NO
[72] HALSEID, RUNE, NO
[71] EQUINOR ENERGY AS, NO
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[54] **METAL-DOPED TIN OXIDE FOR ELECTROCATALYSIS APPLICATIONS**
[54] **OXYDE D'ETAIN DOPE AU METAL POUR DES APPLICATIONS D'ELECTROCATALYSE**
[72] PENG, XU YUAN, CN
[72] RINCON-OVALLES, ROSALBA ADRIANA, DE
[72] VENKATARAMAN, SHYAM SUNDAR, US
[72] BAYER, DOMNIK, DE
[72] HAAS, ANDREAS, DE
[71] BASF SE, DE
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[54] **DISSOLVABLE RUBBER**
[54] **CAOUTCHOUC SOLUBLE**
[72] SHERMAN, ANDREW J., US
[72] DOUD, BRIAN, US
[71] TERVES INC., US
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[54] **MAMMALIAN CELL LINE FOR PROTEIN PRODUCTION AND LIBRARY GENERATION**
[54] **LIGNEE CELLULAIRE DE MAMMIFERE POUR LA PRODUCTION DE PROTEINE ET LA GENERATION DE BANQUE**
[72] REDDY, SAI, CH
[72] KELTON, WILLIAM, CH
[72] PAROLA, CRISTINA, CH
[72] MASON, DEREK, CH
[72] POGSON, MARK, US
[71] ETH ZURICH, CH
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[54] **USE OF AN AQUEOUS COMPOSITION FOR DISSOLVING BIOMOLECULES FROM A TISSUE SAMPLE**
[54] **UTILISATION D'UNE COMPOSITION AQUEUSE POUR DISSOUDRE DES BIOMOLECULES D'UN ECHANTILLON DE TISSU**
[72] DE MEULEMEESTER, JOHAN, BE
[72] LEMAIRE, EMMANUEL, FR
[71] ALLFLEX EUROPE SA, FR
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[86] 2017-03-22 (PCT/EP2017/056782)
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[25] EN
[54] **BIOMARKERS FOR THE DIAGNOSIS OF INFLAMMATION-RELATED DISEASES**
[54] **BIOMARQUEURS POUR LE DIAGNOSTIC DE MALADIES LIEES A UNE INFLAMMATION**
[72] FAUSTIN, BENJAMIN, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-09-13
[86] 2017-03-29 (PCT/EP2017/057469)
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[30] EP (16305403.4) 2016-04-06

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[25] EN
[54] **IMPROVING SLUDGE DEWATERABILITY AND ENERGY BALANCE OF WASTEWATER TREATMENT**
[54] **AMELIORATION DE LA CAPACITE DE DESHYDRATATION DES BOUES ET DE L'EQUILIBRE ENERGETIQUE DU TRAITEMENT DES EAUX USEES**
[72] LIKANDER, JOONAS, FI
[72] HALTTUNEN, SAKARI, FI
[72] GRONFORS, OUTI, FI
[72] HANSEN, BENGT, SE
[71] KEMIRA OYJ, FI
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[25] EN
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[54] **PREVENTION DE L'ADHESION A UN TISSU BIOLOGIQUE**
[72] KOBAYASHI, SATORU, JP
[71] 3-D MATRIX, LTD., JP
[85] 2018-09-13
[86] 2017-03-17 (PCT/IB2017/000312)
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[54] **HIGH DENSITY DISTRIBUTION FRAME WITH AN INTEGRATED SPLICING COMPARTMENT**
[54] **CADRE DE DISTRIBUTION HAUTE DENSITE A COMPARTIMENT D'EPISSAGE INTEGRE**
[72] PARIKH, RUTESH D., US
[72] PRATT, JEROME A., US
[72] GLATZL, FRANK J., US
[72] HENDERSON, DANIEL H., US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
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[25] EN
[54] **CLOSURE DEVICE FOR A SLIDING AND PIVOTING DOOR**
[54] **DISPOSITIF DE FERMETURE POUR PORTE A COULISSEMENT ET PIVOTEMENT**
[72] ONA GONZALEZ, FRANCISCO JAVIER, ES
[71] DISTRIBUIDORA DE SISTEMAS DE CIERRE SL, ES
[85] 2018-09-13
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[54] **OLIGOLACTIC ACID CONJUGATES AND MICELLES WITH ENHANCED ANTICANCER EFFICACY**
[54] **CONJUGUES D'ACIDE OLIGOLACTIQUE ET MICELLES PRESENTANT UNE EFFICACITE ANTICANCEREUSE AMELIOREE**
[72] KWON, GLEN S., US
[72] TAM, YU TONG, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2018-09-13
[86] 2017-03-13 (PCT/IB2017/051455)
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[25] EN
[54] **CABLE ASSEMBLY WITH A REMOVABLE INSTALLATION DEVICE**
[54] **ENSEMBLE CABLE AYANT UN DISPOSITIF D'INSTALLATION AMOVIBLE**
[72] THOMPSON, ZACHARY M., US
[72] HAGGAR, JONATHAN V., US
[72] COLE, BRIAN M., US
[72] LURIE, EDWARD B., US
[72] BORER, VICTOR J., US
[71] CORNING RESEARCH & DEVELOPMENT CORPORATION, US
[85] 2018-09-13
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[51] **Int.Cl. H02G 1/04 (2006.01) H01B 5/10 (2006.01) H02G 7/05 (2006.01)**
[25] EN
[54] **INSTALLATION METHOD AND SYSTEM FOR OVERHEAD CONDUCTORS**
[54] **PROCEDES ET SYSTEMES D'INSTALLATION POUR CONDUCTEURS AERIENS**
[72] HERMANS, PETER, BE
[71] LAMIFIL NV, BE
[85] 2018-09-13
[86] 2017-03-14 (PCT/IB2017/051476)
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[30] BE (2016/5186) 2016-03-14

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[51] **Int.Cl. A61K 35/28 (2015.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ADIPOSE TISSUE-DERIVED STROMAL STEM CELLS FOR USE IN TREATING REFRACTORY COMPLEX PERIANAL FISTULAS IN CROHN'S DISEASE**
[54] **CELLULES SOUCHES STROMALES DERIVEES DE TISSUS ADIPEUX DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE FISTULES PERI-ANALES COMPLEXES REFRACTAIRES DANS LA MALADIE DE CROHN**
[72] BRAVO, EDUARDO, ES
[72] PASCUAL, MARIA, ES
[71] TIGENIX S.A.U., ES
[85] 2018-09-13
[86] 2017-03-14 (PCT/IB2017/051468)
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[30] GB (1604304.4) 2016-03-14

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[54] **TERPENE-ENRICHED CANNABINOID COMPOSITION**
[54] **COMPOSITION DE CANNABINOIDES ENRICHIE EN TERPENE**
[72] EYAL, AHARON M., IL
[72] RAZ, NOA, IL
[71] BUZZELET DEVELOPMENT AND TECHNOLOGIES LTD, IL
[85] 2018-09-13
[86] 2017-03-15 (PCT/IB2017/051515)
[87] (WO2017/158539)
[30] US (62/308,961) 2016-03-16

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[51] **Int.Cl. H01M 8/04746 (2016.01) H01M 8/04 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL DEVICE THEREFOR, AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON DISPOSITIF DE COMMANDE, ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] CHIKUGO, HAYATO, JP
[72] TOMITA, YOUSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-13
[86] 2016-11-28 (PCT/JP2016/085173)
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[51] **Int.Cl. A61M 37/00 (2006.01) A61J 1/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH CASE**
[54] **BOITIER DE TIMBRE A MICRO-AIGUILLES**
[72] QUAN, YING-SHU, JP
[72] HIGUCHI, KIYOTSUNE, JP
[72] KAMIYAMA, FUMIO, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2018-09-13
[86] 2017-03-16 (PCT/JP2017/010639)
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[30] JP (2016-074692) 2016-03-16

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[25] EN
[54] **TRANSDERMAL ABSORPTION-TYPE PATCH PREPARATION COMPRISING ZONISAMIDE**
[54] **PREPARATION PHARMACEUTIQUE SOUS FORME DE TIMBRE TRANSDERMIQUE A ABSORPTION PERCUTANEE COMPRENANT UN ZONISAMIDE**
[72] INOO, KATSUYUKI, JP
[72] TAKANO, DAIKI, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2018-09-13
[86] 2017-03-24 (PCT/JP2017/012055)
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[30] JP (2016-062531) 2016-03-25

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[54] **IMMUNITY-INDUCING AGENT**
[54] **AGENT D'INDUCTION D'IMMUNITE**
[72] FUJITA, TAKAYUKI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-13
[86] 2017-03-27 (PCT/JP2017/012269)
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[30] JP (2016-064032) 2016-03-28

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[54] **ANTERIOR RESURFACING TALAR PLATE**
[54] **PLAQUE TALAR DE RESURFACAGE ANTERIEUR**
[72] LUNA, RAMON, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2018-09-13
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[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] FR
[54] **PROCESS FOR DIAGNOSING CHRONIC INFLAMMATORY INTESTINAL DISEASES**
[54] **PROCEDE DE DIAGNOSTIC DE MALADIES INFLAMMATOIRES CHRONIQUES DE L'INTESTIN**
[72] BREGEON, JEREMY, FR
[72] NEUNLIST, MICHEL, FR
[72] CORON, EMMANUEL, FR
[71] UNIVERSITE DE NANTES, FR
[71] CHU DE NANTES - CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES, FR
[71] INSERM - INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2018-09-13
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[30] FR (1652150) 2016-03-15

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[25] EN
[54] **DEVICE AND METHOD FOR REMOVING LEAVES FROM A PLANT**
[54] **DISPOSITIF ET PROCEDE POUR RETIRER DES FEUILLES D'UNE PLANTE**
[72] ALBERTZ, JEANETTE WILHELMINA, NL
[71] ALBERTZ, JEANETTE WILHELMINA, NL
[85] 2018-09-13
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[87] (WO2017/155411)
[30] NL (2016425) 2016-03-11

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[51] **Int.Cl. B65B 43/08 (2006.01) B29C 51/28 (2006.01) B29C 51/42 (2006.01) B29C 70/44 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A CELLULOSE PRODUCT BY A PRESSURE MOULDING APPARATUS, PRESSURE MOULDING APPARATUS AND CELLULOSE PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN CELLULOSE PAR UN APPAREIL DE MOULAGE SOUS PRESSION, APPAREIL DE MOULAGE SOUS PRESSION ET PRODUIT EN CELLULOSE**
[72] LARSSON, OVE, SE
[72] LARSSON, LINUS, SE
[71] PULPAC AB, SE
[85] 2018-09-13
[86] 2017-03-16 (PCT/SE2017/050254)
[87] (WO2017/160217)
[30] SE (1630058-4) 2016-03-18

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[54] **BETA-CASEINS AND COGNITIVE FUNCTION**
[54] **CASEINES BETA ET FONCTION COGNITIVE**
[72] CLARKE, ANDREW JOHN, NZ
[72] YELLAND, GREGORY WAYNE, AU
[71] THE A2 MILK COMPANY LIMITED, NZ
[85] 2018-09-13
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[87] (WO2017/171563)
[30] US (62/315,441) 2016-03-30

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[13] A1
[51] **Int.Cl. B65B 43/08 (2006.01) B31B 50/59 (2017.01) B29C 51/42 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A CELLULOSE PRODUCT, CELLULOSE PRODUCT FORMING APPARATUS AND CELLULOSE PRODUCT**
[54] **PROCEDE DE FABRICATION DE PRODUIT EN CELLULOSE, APPAREIL DE FORMATION DE PRODUIT EN CELLULOSE, ET PRODUIT EN CELLULOSE**
[72] LARSSON, OVE, SE
[72] LARSSON, LINUS, SE
[71] PULPAC AB, SE
[85] 2018-09-13
[86] 2017-03-16 (PCT/SE2017/050255)
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[30] SE (1630058-4) 2016-03-18

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[25] EN
[54] **MULTIPOINT MEASUREMENTS FOR WELLBORE RANGING**
[54] **MESURES MULTIPOINTS POUR TELEMETRIE DE PUITS DE FORAGE**
[72] DONDERICI, BURKAY, US
[72] AHMADI KALATEH AHMAD, AKRAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-13
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[54] **INTEGRATED ILLUMINATION AND DETECTION FOR LIDAR BASED 3-D IMAGING**
[54] **ECLAIRAGE ET DETECTION INTEGRES POUR IMAGERIE 3D BASEE SUR LIDAR**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] REKOW, MATHEW NOEL, US
[71] VELODYNE LIDAR, INC., US
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[54] **MACHINE BASED CLASSIFIER FOR GENETIC INTERACTIONS**
[54] **CLASSIFICATEUR FONDE SUR UNE MACHINE POUR INTERACTIONS GENETIQUES**
[72] FANG, GANG, US
[72] WANG, WEN, US
[72] KUMAR, VIPIN, US
[72] MYERS, CHAD L., US
[71] FANG, GANG, US
[71] WANG, WEN, US
[71] KUMAR, VIPIN, US
[71] MYERS, CHAD L., US
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[54] **SOUNDING REFERENCE SIGNAL TRANSMISSION IN A WIRELESS NETWORK**
[54] **EMISSION D'UN SIGNAL DE REFERENCE DE SONDAGE DANS UN RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[71] OFINNO TECHNOLOGIES, LLC, US
[85] 2018-09-13
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[54] **DISPENSING DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE DISTRIBUTION**
[72] ORLOFF, EUGENE, US
[72] ORLOFF, ELEONORA, US
[72] IRONS, JEREMY, US
[72] MARVIN, ROBERT, US
[71] ORLOFF EYE GROUP, INC., US
[85] 2018-09-13
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[30] US (62/309,622) 2016-03-17
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[54] **SYSTEM AND METHOD FOR ELECTRIC CURRENT LEAKAGE DETECTION IN A LAND SEISMIC SYSTEM**
[54] **SYSTEME ET PROCEDE DE DETECTION DE FUITES DE COURANT ELECTRIQUE DANS UN SYSTEME SISMIQUE TERRESTRE**
[72] IRANPOUR, KAMBIZ, NO
[72] JOHANSSON, STEFAN, NO
[72] PAULSON, HANS, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-09-13
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[25] EN
[54] **SMALL MOLECULES AGAINST CEREBLON TO ENHANCE EFFECTOR T CELL FUNCTION**
[54] **PETITES MOLECULES DIRIGEES CONTRE LE CEREBLON POUR AMELIORER LA FONCTION DES LYMPHOCYTES T EFFECTEURS**
[72] BURNETTE, PEARLIE, US
[72] LAWRENCE, HARSHANI, US
[72] LAWRENCE, NICHOLAS J., US
[71] H. LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE, INC., US
[85] 2018-09-13
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[87] (WO2017/161119)
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[54] **CHANNEL STATE INFORMATION TRANSMISSION IN A WIRELESS NETWORK**
[54] **TRANSMISSION D'INFORMATIONS D'ETAT DE CANAL DANS UN RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[71] OFINNO TECHNOLOGIES, LLC, US
[85] 2018-09-13
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[54] **SYNCHRONIZATION MODEL FOR VIRTUAL TOURNAMENTS**
[54] **MODELE DE SYNCHRONISATION POUR TOURNOIS VIRTUELS**
[72] PARADISE, ANDREW, US
[72] AGUIRRE, MIRIAM, US
[71] SKILLZ INC., US
[85] 2018-09-13
[86] 2017-03-15 (PCT/US2017/022412)
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[30] US (62/308,812) 2016-03-15

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHOD OF PREVENTING GRAFT VERSUS HOST DISEASE**
[54] **METHODE DE TRAITEMENT DE LA REACTION DU GREFFON CONTRE L'HOTE (GVD)**
[72] SACHS, JESSICA A., US
[72] FORD, JOHN E., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022065)
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[54] **SYSTEMS AND METHODS FOR BILL PAYMENT WITH DYNAMIC LOAN CAPACITY**
[54] **SYSTEMES ET PROCEDES DE PAIEMENT DE FACTURE AYANT UNE CAPACITE DE PRET DYNAMIQUE**
[72] BERTA, CECILE, US
[72] ESMAIL, MEHDI, US
[72] GUPTA, MANISH, US
[72] LUCIANO, MALERIE, US
[72] MOTAHARIAN, HOUMAN, US
[72] RICCIARDI, ART, US
[72] SARIN, APARNA, US
[72] SUSSMAN, BRETT, US
[72] VALDES, FERNANDO, US
[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2018-09-13
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[25] EN
[54] **ACROSS-MATCH ANALYTICS IN PEER-TO-PEER GAMING TOURNAMENTS**
[54] **ANALYTIQUE DE CONFRONTATION DANS DES TOURNOIS DE JEU DE POSTE A POSTE**
[72] PARADISE, ANDREW, US
[71] SKILLZ INC., US
[85] 2018-09-13
[86] 2017-03-15 (PCT/US2017/022423)
[87] (WO2017/160917)
[30] US (62/308,823) 2016-03-15
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[54] **IMPROVED SYSTEM AND PROCESS FOR THE MANUFACTURE OF POLYMER FOAM WITH ADDITIVES**
[54] **SYSTEME ET PROCEDE AMELIORES DESTINES A LA FABRICATION DE MOUSSE POLYMERE AVEC DES ADDITIFS**
[72] DREW, KENNETH A., US
[71] RCO ENGINEERING INC., US
[85] 2018-09-13
[86] 2017-03-16 (PCT/US2017/022843)
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[25] EN
[54] **MANAGEMENT OF STREAMING VIDEO DATA**
[54] **GESTION DE DONNEES VIDEO TRANSMISES EN CONTINU**
[72] PARADISE, ANDREW, US
[71] SKILLZ INC., US
[85] 2018-09-13
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[54] **MOTORCYCLE MONOSHOCK SYSTEMS**
[54] **SYSTEMES DE MONO-ARMORTISSEUR DE MOTO**
[72] MOOS, CHRISTOPHER, JAHN, US
[71] MISFIT INDUSTRIES (US) LLC, US
[85] 2018-09-13
[86] 2017-03-07 (PCT/US2017/021185)
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[54] **PROCESS FOR CONVERTING S-ENANTIOMER TO ITS RACEMIC FORM**
[54] **PROCEDE DE CONVERSION DE S-ENANTIOMERE EN SA FORME RACEMIQUE**
[72] SWAMY, NARAYANA, IN
[72] DEVARAJAN, CHOKALINGAM, IN
[72] DATAR, RAVINDRA VITTHAL, IN
[71] FMC CORPORATION, US
[85] 2018-09-13
[86] 2017-03-15 (PCT/US2017/022441)
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[54] **HIGH CONDUCTIVITY MAGNESIUM ALLOY**
[54] **ALLIAGE DE MAGNESIUM A CONDUCTIVITE ELEVEE**
[72] SHERMAN, ANDREW J., US
[72] FARKAS, NICHOLAS, US
[71] TERVES INC., US
[85] 2018-09-13
[86] 2017-05-22 (PCT/US2017/033819)
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[30] US (62/340,074) 2016-05-23

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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF MULTI-ASSAY PROCESSING AND ANALYSIS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT ET D'ANALYSE DE DOSAGES MULTIPLES**
[72] PAWLOWSKI, FRANK, US
[72] SKINNER, JOSEPH P., US
[72] KESSLER, JACK, US
[72] NANA, SONAL SADARIA, US
[71] ABBOTT MOLECULAR INC., US
[85] 2018-09-13
[86] 2017-03-15 (PCT/US2017/022502)
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[30] US (62/308,625) 2016-03-15

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[51] **Int.Cl. A61K 31/439 (2006.01) A61K 31/4409 (2006.01) A61K 47/38 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF PRESBYOPIA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA PRESBYTIE**
[72] HORN, GERALD, US
[72] NORDAN, LEE, US
[71] PRESBYOPIA THERAPIES, LLC, US
[85] 2018-09-13
[86] 2017-03-08 (PCT/US2017/021244)
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[30] US (15/073,089) 2016-03-17
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/126 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **DISSOLVABLE PLUG ASSEMBLY**
[54] **ENSEMBLE BOUCHON SOLUBLE**
[72] SHKURTI, PIRO, US
[72] OLIVEIRA, GUSTAVO, US
[72] GREENAN, IAIN, US
[71] SUPERIOR ENERGY SERVICES, LLC, US
[85] 2018-09-13
[86] 2017-03-15 (PCT/US2017/022515)
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[30] US (62/309,225) 2016-03-16

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/17 (2006.01) A61K 38/39 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF TYPE VII COLLAGEN DEFICIENCIES**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE DEFICITS EN COLLAGENE DE TYPE VII**
[72] DAILEY, VERNON, US
[72] CHAKIATH, MARION, US
[72] ZHANG, SHYUAN, US
[72] MASLOWSKI, JOHN, US
[72] MALYALA, ANNA, US
[71] INTREXON CORPORATION, US
[85] 2018-09-13
[86] 2017-03-16 (PCT/US2017/022800)
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[30] US (62/310,623) 2016-03-18

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING OR PREVENTING GRAFT VERSUS HOST DISEASE**
[54] **METHODES DE TRAITEMENT OU DE PREVENTION D'UNE MALADIE DU GREFFON CONTRE L'HOTE**
[72] SACHS, JESSICA A., US
[72] FORD, JOHN E., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022067)
[87] (WO2017/160700)
[30] US (62/307,896) 2016-03-14
[30] US (62/420,825) 2016-11-11

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[51] **Int.Cl. A61M 21/02 (2006.01)**
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[54] **COMPOSITION AND METHODS FOR STIMULATING CLEARANCE OF AMYLOID-.BETA. PROTEIN**
[54] **COMPOSITION ET PROCEDES POUR STIMULATION DE CLAIRANCE DE PROTEINE BETA-AMYLOIDE**
[72] PAHAN, KALIPADA, US
[72] GHOSH, ARUNAVA, US
[71] RUSH UNIVERSITY MEDICAL CENTER, US
[85] 2018-09-13
[86] 2017-03-10 (PCT/US2017/021799)
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[30] US (62/308,374) 2016-03-15

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[25] EN
[54] **SURGICAL CONSOLE, SPECIMEN RECEIVER, AND INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL**
[54] **CONSOLE CHIRURGICALE, RECEPTEUR D'ECHANTILLON ET INSTRUMENT ENDOSCOPIQUE INSERABLE POUR RETRAIT DE TISSU**
[72] FURLONG, COSME, US
[72] MARCOUX, MICHAEL W., US
[72] WISDOM, RICHARD STEPHEN, US
[72] REBH, WILLIAM R., US
[72] COSTA, EVAN, US
[72] EVANS, STEPHEN C., US
[71] INTERSCOPE, INC., US
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[54] **MATERIALS AND METHODS FOR TREATING HYPOXIC CONDITIONS**
[54] **MATERIAUX ET PROCEDES DE TRAITEMENT D'AFFECTIONS HYPOXIQUES**
[72] KREAM, RICHARD M., US
[72] STEFANO, GEORGE B., US
[71] MITOGENETICS, LLC, US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022017)
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[25] EN
[54] **USING BORATED GALACTOMANNAN TO ENHANCE SWELLING OF SUPERABSORBENTS FOR FRACTURING APPLICATIONS**
[54] **UTILISATION DE GALACTOMANNANE BORE POUR AMELIORER LE GONFLEMENT DE SUPERABSORBANTS POUR DES APPLICATIONS DE FRACTURATION**
[72] VOLK, ALYSSA MICHELLE, US
[72] FARRIS, MICHAEL R., US
[72] CARMAN, PAUL S., US
[72] SUN, HONG, US
[72] NELSON, SCOTT G., US
[72] BRANNON, HAROLD D., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-13
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[30] US (15/070,131) 2016-03-15

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[51] **Int.Cl. G01N 33/53 (2006.01) C07K 16/00 (2006.01) G01N 33/536 (2006.01)**
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[54] **CELL-SURFACE MOLECULE BINDING STIMULI-RESPONSIVE POLYMER COMPOSITIONS AND METHODS CROSS-REFERENCE TO RELATED APPLICATIONS**
[54] **PROCEDES ET COMPOSITIONS POLYMERES REAGISSANT AUX STIMULI ET SE LIANT A DES MOLECULES DE SURFACE CELLULAIRE ET REFERENCE CROISEE A DES APPLICATIONS ASSOCIEES**
[72] NEHILLA, BARRETT J., US
[72] PROVOST, NICOLE M., US
[72] MANGANIELLO, MATTHEW J., US
[72] COX, THOMAS, US
[72] EMDE, MICHAEL, US
[71] NEXGENIA, INC., US
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[86] 2017-03-15 (PCT/US2017/022594)
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[25] EN
[54] **DETERMINING THE RISK OF SCOLIOSIS COMPRISING DETERMINING CELLULAR RESPONSE TO MECHANOSTIMULATION**
[54] **DETERMINATION DU RISQUE DE SCOLIOSE CONSISTANT A DETERMINER LA REPONSE CELLULAIRE A UNE STIMULATION MECANIQUE**
[72] GORMAN, KRISTEN FAY, US
[72] BOURQUE, GUILLAUME, CA
[72] EVELEIGH, ROBERT, CA
[72] MOREAU, ALAIN, CA
[72] OLIAZADEH, NIAZ, CA
[71] CHU SAINTE-JUSTINE, CA
[85] 2018-09-14
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[30] US (62/378,297) 2016-08-23

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[54] **SOUFFLANTE/POMPE DE TURBINE A GAZ**
[72] HAMMOUD, OMAR, CA
[71] GREENTECH GAS TURBINE INC. / TURBINE A GAZ GREENTECH INC., CA
[85] 2018-09-14
[86] 2016-02-18 (PCT/CA2016/000043)
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[30] CA (2,921,053) 2016-02-16
[30] US (15/044,316) 2016-02-16

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[54] **ANEURYSM TREATMENT COILS**
[54] **BOBINES DE TRAITEMENT D'ANEVRISME**
[72] QIN, YUNGUO, CN
[72] LI, ZHENG, US
[72] JIN, FEILONG, CN
[72] TANG, JING, US
[72] WEN, XIN, CN
[72] FANG, ZHIMIN, CN
[72] SONG, DONGLIANG, CN
[72] WEN, SHICHANG, CN
[72] ZHENG, YUEWEN, CN
[72] GUO, JUNMIN, CN
[72] ZHANG, QUAN, CN
[72] WANG, YUQIANG, CN
[71] COVIDIEN LP, US
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[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/3205 (2006.01)**
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[54] **DEVICES AND METHODS FOR CUTTING LENTICULAR TISSUE**
[54] **DISPOSITIFS ET PROCEDES POUR COUPER UN TISSU LENTICULAIRE**
[72] CLAUSON, LUKE W., US
[72] SCHALLER, MICHAEL P., US
[71] IANTECH, INC., US
[85] 2018-09-13
[86] 2017-03-16 (PCT/US2017/022612)
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[30] US (15/073,177) 2016-03-17

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[25] EN
[54] **COLONY FORMING MEDIUM AND USE THEREOF**
[54] **MILIEU DE FORMATION DE COLONIES ET SON UTILISATION**
[72] SLUKVIN, IGOR, US
[72] UENISHI, GENE, US
[72] HEI, DEREK, US
[72] DRIER, DIANA, US
[71] CYNATA THERAPEUTICS LIMITED, AU
[85] 2018-09-14
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[30] AU (2016900983) 2016-03-16
[30] AU (2016904039) 2016-10-05
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[25] EN
[54] **LUNG CANCER THERAPY WITH A PARVOVIRUS**
[54] **TRAITEMENT DU CANCER DU POUMON A L'AIDE D'UN PARVOVIRUS**
[72] MARCHINI, ANTONIO, DE
[72] BONIFATI, SERENA, IT
[72] ROMMELAERE, JEAN, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2018-09-14
[86] 2016-03-17 (PCT/EP2016/055881)
[87] (WO2017/157451)

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[51] **Int.Cl. B64D 25/14 (2006.01) B64D 45/00 (2006.01) B64D 47/02 (2006.01)**
[25] EN
[54] **RETROFITTABLE DISPLAY DEVICE FOR DISPLAYING AN ACTIVATION STATUS OF AN EMERGENCY CHUTE IN AN AIRCRAFT**
[54] **DISPOSITIF D'AFFICHAGE INSTALLABLE ULTERIEUREMENT DESTINE A AFFICHER UN ETAT D'ACTIVATION D'UN TOBOGGAN DE SECOURS DANS UN AVION**
[72] BREDEMEIER, KAI, DE
[72] HEUER, CARSTEN, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2018-09-14
[86] 2016-04-05 (PCT/EP2016/057444)
[87] (WO2017/174119)

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC FAB FUSION PROTEINS AND USE THEREOF**
[54] **PROTEINES DE FUSION A FAB MULTISPECIFIQUES ET LEUR UTILISATION**
[72] CUI, YUMIN, CN
[72] HUANG, ZHIHUA, CN
[72] CHEN, HANYANG, CN
[72] ZHANG, XINFENG, CN
[72] QI, BO, CN
[72] YAN, XIAOQIANG, CN
[71] GENERON (SHANGHAI) CORPORATION LTD., CN
[85] 2018-09-14
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[87] (WO2017/157305)
[30] CN (201610147227.8) 2016-03-15

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[51] **Int.Cl. B41C 1/10 (2006.01) B41N 3/08 (2006.01) G03F 7/32 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A LITHOGRAPHIC PRINTING PLATE**
[54] **PROCEDE DE TRAITEMENT D'UNE PLAQUE D'IMPRESSION LITHOGRAPHIQUE**
[72] MORIAME, PHILIPPE, BE
[72] BOGUNOVIC, IRIS, BE
[72] VERVLOET, LUDO, BE
[71] AGFA NV, BE
[85] 2018-09-14
[86] 2017-02-03 (PCT/EP2017/052407)
[87] (WO2017/157570)
[30] EP (16160576.1) 2016-03-16
[30] EP (16160591.0) 2016-03-16
[30] EP (16160616.5) 2016-03-16
[30] EP (16160627.2) 2016-03-16
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[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION THAT INCLUDES THE SURFACE AND NUCLEOCAPSID ANTIGENS OF THE HEPATITIS B VIRUS**
[54] **COMPOSITION PHARMACEUTIQUE QUI COMPREND LES ANTIGENES DE LA SURFACE ET DE LA NUCLEOCAPSIDE DU VIRUS DE L'HEPATITE B**
[72] AGUILAR RUBIDO, JULIO CESAR, CU
[72] LOBAINA MATO, YADIRA, CU
[72] IGLESIAS PEREZ, ENRIQUE, CU
[72] PENTON ARIAS, EDUARDO, CU
[72] GUILLEN NIETO, GERARDO ENRIQUE, CU
[72] AGUIAR SANTIAGO, JORGE AGUSTIN, CU
[72] GONZALEZ BLANCO, SONIA, CU
[72] VALDES HERNANDEZ, JORGE, CU
[72] VAZQUEZ CASTILLO, MARIELA, CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2018-09-14
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[87] (WO2017/167317)
[30] CU (2016-0038) 2016-03-31

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[25] EN
[54] **ANTI-FOULING AND/OR ANTI-THROMBOTIC MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX ANTIDEPOTS ET/OU ANTI-THROMBOTIQUES**
[72] MOORE, ELI, AU
[72] VOELCKER, NICOLAS HANS, AU
[72] BONDER, CLAUDINE SHARON, AU
[71] TEKCYTE PTY LTD, AU
[85] 2018-09-14
[86] 2017-03-17 (PCT/AU2017/050242)
[87] (WO2017/156592)
[30] AU (2016901008) 2016-03-17

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[51] **Int.Cl. B41N 3/08 (2006.01) G03F 7/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING A LITHOGRAPHIC PRINTING PLATE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UNE PLAQUE D'IMPRESSION LITHOGRAPHIQUE**
[72] MORIAME, PHILIPPE, BE
[72] BOGUNOVIC, IRIS, BE
[72] VERVLOET, LUDO, BE
[71] AGFA NV, BE
[85] 2018-09-14
[86] 2017-02-03 (PCT/EP2017/052408)
[87] (WO2017/157571)
[30] EP (16160576.1) 2016-03-16
[30] EP (16160591.0) 2016-03-16
[30] EP (16160616.5) 2016-03-16
[30] EP (16160627.2) 2016-03-16
[30] EP (16168969.0) 2016-05-10

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **QUERYING DATA USING MASTER TERMINOLOGY DATA MODEL**
[54] **INTERROGATION DE DONNEES A L'AIDE D'UN MODELE DE DONNEES TERMINOLOGIQUES MAITRE**
[72] FUSARI, DAVID, US
[72] PALCHUK, MATVEY B., US
[72] BASIR, ASAD SAAD, US
[72] GRAFF, JOSHUA OWEN, US
[72] KUNDROT, STEVE, US
[72] GROSS, MERRYL J., US
[71] TRINETX, INC., US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022124)
[87] (WO2017/160735)
[30] US (62/307,961) 2016-03-14

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[51] **Int.Cl. B65D 33/16 (2006.01) A47F 13/08 (2006.01) B65D 33/00 (2006.01) B65D 65/42 (2006.01) B65D 77/10 (2006.01)**
[25] EN
[54] **TWIST-TIE PRODUCT**
[54] **PRODUIT DE LIAISON PAR TORSION**
[72] HELSETH, JAMES R., US
[71] TWIST-EASE, INC., US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022138)
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[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **CONTROLLED ENVIRONMENT SECURE MEDIA STREAMING SYSTEM**
[54] **SYSTEME DE DIFFUSION EN CONTINU DE CONTENU MULTIMEDIA SECURISE EN MILIEU CONTROLE**
[72] HODGE, STEPHEN LEE, US
[71] GLOBAL TEL*LINK CORP., US
[85] 2018-09-13
[86] 2017-03-13 (PCT/US2017/022163)
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[30] US (15/070,836) 2016-03-15

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[25] EN
[54] **COOKING SYSTEMS WITH WASHING ELEMENTS AND SPREADER BAR**
[54] **SYSTEMES DE CUISSON AVEC ELEMENTS DE LAVAGE ET BARRE D'ECARTEMENT**
[72] CAUDILL, RANDY, US
[72] GOGEL, MARK, US
[71] HENNY PENNY CORPORATION, US
[85] 2018-09-13
[86] 2017-03-17 (PCT/US2017/022866)
[87] (WO2017/161219)
[30] US (62/309,650) 2016-03-17

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[51] **Int.Cl. A61J 1/03 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL PACKAGE**
[54] **EMBALLAGE PHARMACEUTIQUE**
[72] WAGNER, JOHN, DK
[72] WAGNER, FLEMMING, DK
[71] MEDCOMB HOLDING APS, DK
[85] 2018-09-14
[86] 2017-03-14 (PCT/DK2017/050072)
[87] (WO2017/157397)
[30] DK (PA 2016 70154) 2016-03-16

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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING COMPULSIVE-LIKE BEHAVIOR IN A SUBJECT**
[54] **COMPOSITIONS ET METHODES DESTINEES A TRAITER UN COMPORTEMENT DE TYPE COMPULSIF CHEZ UN SUJET**
[72] SCHULTE, MARVIN K., US
[72] GLENNON, RICHARD A., US
[72] BULT-ITO, ABEL, US
[72] KHATRI, SHAILESH, US
[72] MITRA, SWARUP, US
[71] UNIVERSITY OF THE SCIENCES, US
[71] UNIVERSITY OF ALASKA FAIRBANKS, US
[71] VIRGINIA COMMONWEALTH UNIVERSITY, US
[85] 2018-09-13
[86] 2017-03-14 (PCT/US2017/022271)
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[25] EN
[54] **VEHICLE CAMERA PERIPHERAL**
[54] **PERIPHERIQUE DE CAMERA POUR VEHICULE**
[72] WISNIA, JACK, CA
[72] DU, FENG, CA
[71] LIGHTWAVE TECHNOLOGY INC., CA
[85] 2018-09-14
[86] 2017-03-02 (PCT/CA2017/050285)
[87] (WO2017/177311)
[30] US (62/323,031) 2016-04-15
[30] CA (PCT/CA2016/050710) 2016-06-17
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[51] **Int.Cl. A23L 5/10 (2016.01) A47J 27/62 (2006.01) A47J 37/00 (2006.01) A47J 37/12 (2006.01) G05B 19/00 (2006.01) G05D 23/00 (2006.01)**
[25] EN
[54] **TEMPERATURE MANAGEMENT OF COOKING MEDIUM IN FRYERS AROUND FILTRATION CYCLES**
[54] **GESTION DE LA TEMPERATURE D'UN MILIEU DE CUISSON DANS DES FRITEUSES AUTOUR DE CYCLES DE FILTRATION**
[72] GOGEL, MARK, US
[71] HENNY PENNY CORPORATION, US
[85] 2018-09-13
[86] 2017-03-17 (PCT/US2017/022872)
[87] (WO2017/161221)
[30] US (62/309,650) 2016-03-17

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[51] **Int.Cl. A47J 37/12 (2006.01) A47J 27/06 (2006.01) F23M 9/00 (2006.01)**
[25] EN
[54] **GAS FRYER AND METHODS HAVING UNIFORM HEAT EXCHANGE AND IMPROVED ACCESS FOR CLEANING**
[54] **FRITEUSE A GAZ ET PROCEDES A ECHANGE DE CHALEUR UNIFORME ET A ACCES AMELIORE POUR LE NETTOYAGE**
[72] FLORKEY, EDWARD J., US
[72] GOGEL, MARK, US
[72] GROLL, STEVEN, US
[71] HENNY PENNY CORPORATION, US
[85] 2018-09-13
[86] 2017-03-17 (PCT/US2017/022997)
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[30] US (62/309,650) 2016-03-17

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[51] **Int.Cl. A61M 25/16 (2006.01) A61B 5/00 (2006.01) A61M 25/10 (2013.01) A61M 25/14 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL CATHETER CONNECTION FOR ANATOMICAL MANOMETRY**
[54] **RACCORD DE CATHETER MULTICANAL POUR LA MANOMETRIE ANATOMIQUE**
[72] SCHLUMPF, PETER, CH
[72] GOPING, ING HAN, CA
[72] STADLER, MATTHIAS, CH
[72] ZIMMERMAN, TRISTAN, CA
[72] SMITH, BRYCE, US
[71] LABORIE MEDICAL TECHNOLOGIES CANADA ULC, CA
[85] 2018-09-14
[86] 2017-03-17 (PCT/CA2017/050343)
[87] (WO2017/156636)
[30] US (62/310,496) 2016-03-18
[30] US (62/349,461) 2016-06-13
[30] US (15/430,967) 2017-02-13

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[51] **Int.Cl. B31B 70/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING A FLEXIBLE INTERMEDIATE BULK CONTAINER**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UN CONTENANT DE VRAC INTERMEDIAIRE SOUPLE**
[72] BERTRAND, LOUIS, CA
[72] BERTRAND, PAUL, CA
[71] TCI MANUFACTURING INC., CA
[85] 2018-09-14
[86] 2017-03-20 (PCT/CA2017/050352)
[87] (WO2017/156641)
[30] US (62/310,210) 2016-03-18

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 21/30 (2013.01) G06F 19/00 (2018.01)**
[25] EN
[54] **HEAD MOUNTED DISPLAY SYSTEM CONFIGURED TO EXCHANGE BIOMETRIC INFORMATION**
[54] **SYSTEME DE VISIOCASQUE CONFIGURE POUR ECHANGER DES INFORMATIONS BIOMETRIQUES**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2018-09-13
[86] 2017-03-17 (PCT/US2017/023037)
[87] (WO2017/165231)
[30] US (62/311,745) 2016-03-22

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[51] **Int.Cl. A61K 31/145 (2006.01) A61K 9/00 (2006.01) A61K 9/28 (2006.01) A61K 31/00 (2006.01) A61K 31/13 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CONTROLLED RELEASE OF CYSTEAMINE AND SYSTEMIC TREATMENT OF CYSTEAMINE SENSITIVE DISORDERS**
[54] **COMPOSITIONS SERVANT A LA LIBERATION CONTROLEE DE CYSTEAMINE ET TRAITEMENT SYSTEMIQUE DE TROUBLES SENSIBLES A LA CYSTEAMINE**
[72] STANTON, VINCENT P., JR., US
[72] RIOUX, PATRICE R., US
[71] THIOGENESIS THERAPEUTICS, INC., US
[85] 2018-09-13
[86] 2017-03-17 (PCT/US2017/023042)
[87] (WO2017/161318)
[30] US (62/309,717) 2016-03-17

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[13] A1
[51] **Int.Cl. F03D 13/20 (2016.01) E04B 1/21 (2006.01) E04H 12/12 (2006.01)**
[25] EN
[54] **CONNECTING ELEMENT AND METHODS FOR CONNECTING PARTIAL RING SEGMENTS**
[54] **CORPS DE LIAISON ET PROCEDE DE LIAISON DE SEGMENTS ANNULAIRES PARTIELS**
[72] KERSTEN, ROY, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-14
[86] 2017-04-03 (PCT/EP2017/057805)
[87] (WO2017/174480)
[30] DE (10 2016 106 526.9) 2016-04-08

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[51] **Int.Cl. C12P 1/04 (2006.01) C12M 1/04 (2006.01) C12N 1/20 (2006.01) C12P 5/00 (2006.01) C12P 7/64 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **MICROORGANISMS AND ARTIFICIAL ECOSYSTEMS FOR THE PRODUCTION OF PROTEIN, FOOD, AND USEFUL CO-PRODUCTS FROM C1 SUBSTRATES**
[54] **MICRO-ORGANISMES ET ECOSYSTEMES ARTIFICIELS POUR LA PRODUCTION DE PROTEINE, ALIMENT ET CO-PRODUITS UTILES ISSUS DE SUBSTRATS EN C1**
[72] REED, JOHN S., US
[72] GELLER, JIL, US
[72] HANDE, SONALI, US
[71] KIVERDI, INC., US
[85] 2018-09-13
[86] 2017-03-18 (PCT/US2017/023110)
[87] (WO2017/165244)
[30] US (62/310,705) 2016-03-19
[30] US (62/454,347) 2017-02-03

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[51] **Int.Cl. B41C 1/10 (2006.01) B41N 3/08 (2006.01) G03F 7/32 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A LITHOGRAPHIC PRINTING PLATE**
[54] **PROCEDE DE TRAITEMENT D'UNE PLAQUE D'IMPRESSION LITHOGRAPHIQUE**
[72] MORIAME, PHILIPPE, BE
[72] BOGUNOVIC, IRIS, BE
[71] AGFA NV, BE
[85] 2018-09-14
[86] 2017-02-03 (PCT/EP2017/052419)
[87] (WO2017/157578)
[30] EP (16160576.1) 2016-03-16
[30] EP (16160591.0) 2016-03-16
[30] EP (16160616.5) 2016-03-16
[30] EP (16160627.2) 2016-03-16
[30] EP (16168969.0) 2016-05-10

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[51] **Int.Cl. B66B 7/06 (2006.01) B66B 15/02 (2006.01) B66B 15/04 (2006.01)**
[25] EN
[54] **BELT AND SHEAVE ARRANGEMENT WITH LINEAR GUIDANCE FOR AN ELEVATOR**
[54] **AGENCEMENT DE COURROIE ET DE REA AVEC GUIDAGE LINEAIRE POUR UN ASCENSEUR**
[72] NARENDAR R.V., AJAY, IN
[72] RAJ, ROHIT, IN
[71] INVENTIO AG, CH
[85] 2018-09-14
[86] 2017-04-03 (PCT/EP2017/057853)
[87] (WO2017/174509)
[30] EP (16163712.9) 2016-04-04

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[51] **Int.Cl. F02D 41/00 (2006.01) F02D 19/06 (2006.01) F02D 19/08 (2006.01) F02D 41/06 (2006.01) F02D 41/30 (2006.01) F02M 21/02 (2006.01) G01N 33/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR OPERATING AN ENGINE**
[54] **DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN MOTEUR**
[72] GIEGER, WERNER, CH
[71] CLEANTECH SWISS AG, CH
[85] 2018-09-14
[86] 2017-05-23 (PCT/EP2017/062372)
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[51] **Int.Cl. B22F 5/00 (2006.01) F42B 5/02 (2006.01) F42B 12/36 (2006.01) F42B 33/00 (2006.01)**
[25] EN
[54] **FRANGIBLE FIREARM PROJECTILES, METHODS FOR FORMING THE SAME, AND FIREARM CARTRIDGES CONTAINING THE SAME**
[54] **PROJECTILES FRIABLES POUR ARMES A FEU, LEURS PROCEDES DE FORMATION ET CARTOUCHES D'ARMES A FEU LES CONTENANT**
[72] MORSE, JOSEPH FRANKLIN, US
[72] NAUMAN, RALPH, US
[72] NICHOLS, ROBERT CHARLES, US
[71] ENVIRON-METAL, INC., US
[85] 2018-09-13
[86] 2017-03-20 (PCT/US2017/023146)
[87] (WO2017/213727)
[30] US (62/310,489) 2016-03-18
[30] US (62/407,879) 2016-10-13
[30] US (15/461,848) 2017-03-17

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEVICE AUTHENTICATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE AUTHENTIFICATION DE DISPOSITIFS**
[72] HAMMAD, AYMAN, US
[72] CLARKE, SIMON, US
[71] JPMORGAN CHASE BANK, N.A., US
[85] 2018-09-13
[86] 2017-03-14 (PCT/US2017/022272)
[87] (WO2017/160814)
[30] US (15/069,418) 2016-03-14
[30] US (15/362,019) 2016-11-28

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[51] **Int.Cl. B41C 1/10 (2006.01) B41N 3/08 (2006.01) G03F 7/32 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A LITHOGRAPHIC PRINTING PLATE**
[54] **PROCEDE DE TRAITEMENT D'UNE PLAQUE D'IMPRESSION LITHOGRAPHIQUE**
[72] MORIAME, PHILIPPE, BE
[72] BOGUNOVIC, IRIS, BE
[71] AGFA NV, BE
[85] 2018-09-14
[86] 2017-02-03 (PCT/EP2017/052421)
[87] (WO2017/157579)
[30] EP (16160576.1) 2016-03-16
[30] EP (16160591.0) 2016-03-16
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[30] EP (16160627.2) 2016-03-16
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[51] **Int.Cl. H02M 7/00 (2006.01) H02M 7/483 (2007.01)**
[25] EN
[54] **MODULAR MULTI-STAGE CONVERTER**
[54] **CONVERTISSEUR MODULAIRE A PLUSIEURS ETAGES**
[72] BLUM, MANUEL, DE
[72] GALEK, MAREK, DE
[72] HOFMANN, ALEXANDER, DE
[72] MALIPAARD, DIRK, DE
[72] RUCCIUS, BENJAMIN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-14
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[87] (WO2017/157614)
[30] EP (16161060.5) 2016-03-18

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[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **STORAGE SYSTEM WITH ABOVEHEAD VEHICLE AND COMMISSIONING STATION**
[54] **SYSTEME DE STOCKAGE A VEHICULE AERIEN ET POSTE DE MISE EN SERVICE**
[72] HOGNALAND, INGVAR, NO
[72] FJELDHEIM, IVAR, NO
[72] AUSTRHEIM, TROND, NO
[72] GJERDEVIK, OYSTEIN, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2018-09-14
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[87] (WO2017/211640)
[30] NO (20160972) 2016-06-06

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[13] A1
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[54] **ADHESIN TIP MULTIEPITOPE FUSION ANTIGEN PLATFORM AND VACCINES AND THEIR USE IN THE TREATMENT OF ENTEROTOXIGENIC DIARRHEA**
[54] **PLATE-FORME ET VACCINS D'ANTIGENE DE FUSION A EPITOPES MULTIPLES ET A ADHESINE TERMINALE ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DIARRHEE ENTEROTOXINOGENE**
[72] ZHANG, WEIPING, US
[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US
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[54] **METHOD FOR DETERMINING THE ORIENTATION OF A PART TO BE ADDITIVELY MANUFACTURED, AND COMPUTER-READABLE MEDIUM**
[54] **PROCEDE DE DETERMINATION DE L'ORIENTATION D'UN COMPOSANT A FABRIQUER PAR IMPRESSION 3D ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] GEISEN, OLE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-14
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[54] **LIDAR BASED 3-D IMAGING WITH VARYING PULSE REPETITION**
[54] **IMAGERIE 3D BASEE SUR LIDAR A REPETITION D'IMPULSIONS VARIABLE**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] CUI, YUPENG, US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
[71] VELODYNE LIDAR, INC., US
[85] 2018-09-13
[86] 2017-03-20 (PCT/US2017/023259)
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[30] US (62/311,283) 2016-03-21
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[25] EN
[54] **SHOE SOLE**
[54] **SEMELLE DE CHAUSSURE**
[72] DEL BIONDI, ALBERTO, IT
[72] RIZZI, ALESSIO, IT
[71] ARKISTAR SRL, IT
[85] 2018-09-14
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[25] EN
[54] **FUSION PROTEINS TARGETING TUMOUR ASSOCIATED MACROPHAGES FOR TREATING CANCER**
[54] **PROTEINES DE FUSION CIBLANT DES MACROPHAGES ASSOCIES AUX TUMEURS POUR LE TRAITEMENT DU CANCER**
[72] TVEITA, ANDERS, NO
[71] OSLO UNIVERSITETSSYKEHUS HF, NO
[85] 2018-09-14
[86] 2017-03-16 (PCT/IB2017/000388)
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[54] **IMPROVEMENTS IN PRINTING PLATE CELL PATTERNING**
[54] **AMELIORATIONS DE FORMATION DE MOTIFS DE CELLULE DE PLAQUE D'IMPRESSION**
[72] LOWES, TREVOR, GB
[71] SANDON GLOBAL ENGRAVING TECHNOLOGY LIMITED, GB
[71] REPROFLEX3 LIMITED, GB
[85] 2018-09-14
[86] 2017-03-09 (PCT/EP2017/055563)
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[54] **CRANE TROLLEY**
[54] **CHARIOT DE GRUE**
[72] LINDBERG, TEPPO, FI
[71] KONECRANES GLOBAL CORPORATION, FI
[85] 2018-09-14
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[54] **USE OF UMBILICAL CORD BLOOD DERIVED EXOSOMES FOR TISSUE REPAIR**
[54] **UTILISATION D'EXOSOMES DERIVES DE SANG DE CORDON POUR LA REPARATION TISSULAIRE**
[72] FERREIRA, LINO DA SILVA, PT
[72] CORREIA, JOANA RITA SIMOES, PT
[72] CARDOSO, RENATO MANUEL SOARES, PT
[72] ANTUNES, MARIA HELENA HENRIQUES, PT
[71] STEMLAB, SA, PT
[71] BIOCANT - ASSOCIACAO DE TRANSFERENCIA DE TECHNOLOGIA, PT
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[25] EN
[54] **LIDAR BASED 3-D IMAGING WITH VARYING ILLUMINATION FIELD DENSITY**
[54] **IMAGERIE 3D PAR LIDAR AVEC DENSITE DE CHAMP D'ECLAIRAGE VARIABLE**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
[71] VELODYNE LIDAR, INC., US
[85] 2018-09-13
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[54] **IMPROVED SUSPENSION**
[54] **SUSPENSION AMELIOREE**
[72] MORONI, MARCO, IT
[72] MARABESE, RICCARDO, IT
[71] QUADRO VEHICLES S.A., CH
[85] 2018-09-14
[86] 2017-03-15 (PCT/EP2017/056053)
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[25] EN
[54] **LIDAR BASED 3-D IMAGING WITH VARYING ILLUMINATION INTENSITY**
[54] **IMAGERIE 3D A BASE DE LIDAR A INTENSITE D'ECLAIRAGE VARIABLE**
[72] HALL, DAVID S., US
[72] KERSTENS, PIETER J., US
[72] CUI, YUPENG, US
[72] REKOW, MATHEW NOEL, US
[72] NESTINGER, STEPHEN S., US
[71] VELODYNE LIDAR, INC., US
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[54] **HEAT TRANSFER AND HYDRONIC SYSTEMS**
[54] **SYSTEME DE TRANSFERT DE CHALEUR ET SYSTEME HYDRONIQUE**
[72] RUTHERFORD, ROBERT G., CA
[71] BILLYBOB CORPORATION, CA
[85] 2018-09-14
[86] 2018-01-29 (PCT/IB2018/050536)
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[25] EN
[54] **CATALYST CONTAINING PHOSPHATED KAOLIN AND ALUMINA FROM ACH AND METHOD OF USING THE SAME**
[54] **CATALYSEUR CONTENANT DU KAOLIN PHOSPHATE ET DE L'ALUMINE PROVENANT D'ACH ET SON PROCEDE D'UTILISATION**
[72] PEARSON, GREGORY ALAN, US
[72] GARCIA, STEPHANY, US
[71] INAERIS TECHNOLOGIES, LLC, US
[85] 2018-09-13
[86] 2017-03-21 (PCT/US2017/023416)
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[51] **Int.Cl. G06F 17/30 (2006.01) G01C 21/26 (2006.01)**
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[54] **TARGET ADDRESSING SYSTEM**
[54] **SYSTEME D'ADRESSAGE DE CIBLE**
[72] SWEENEY, MATTHEW, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-09-13
[86] 2017-03-21 (PCT/US2017/023433)
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[25] EN
[54] **AN EX-VIVO INTESTINAL CULTURE MODEL, METHODS OF PRODUCING SAME AND USES THEREOF**
[54] **MODELE DE CULTURE INTESTINALE EX VIVO, PROCEDES POUR LE PRODUIRE ET LEURS UTILISATIONS**
[72] KOLTAI, HINANIT, IL
[72] KAPULNIK, YORAM, IL
[72] FRIDLENDER, MARCELO, IL
[72] NAFTALI, TIMNA, IL
[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL
[71] MOR RESEARCH APPLICATIONS LTD., IL
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[54] **CONJUGATES OF TACROLIMUS, THEIR COMPOSITIONS, AND THEIR USES**
[54] **CONJUGUES DE TACROLIMUS, LEURS COMPOSITIONS ET LEURS UTILISATIONS**
[72] FUSELIER, JOSEPH, US
[72] COY, DAVID, US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2018-09-13
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[54] **POWDERS AND TABLETS COMPRISING OMEGA-3 FATTY ACID DERIVATIVES AND METHODS FOR THEIR PRODUCTION**
[54] **POUDRES ET COMPRIMES COMPRENANT DES DERIVES D'ACIDES GRAS OMEGA-3 ET LEURS PROCEDES DE PRODUCTION**
[72] LIEN VESTLAND, TINA, NO
[72] KLAVENESS, JO, NO
[71] OMEGATRI AS, NO
[85] 2018-09-14
[86] 2017-03-15 (PCT/IB2017/000548)
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[51] **Int.Cl. B62B 9/10 (2006.01)**
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[54] **DEVICE FOR TRANSPORTING A CHILD, AND CHILD SEAT**
[54] **DISPOSITIF DE TRANSPORT D'ENFANT ET SIEGE POUR ENFANT**
[72] DRIESSEN, FRANCISCUS JOHANNES CORNELIUS, NL
[71] MUTSY B.V., NL
[85] 2018-09-14
[86] 2017-03-14 (PCT/NL2017/050159)
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[25] EN
[54] **EFFICIENT CANVAS VIEW GENERATION FROM INTERMEDIATE VIEWS**
[54] **GENERATION DE VUE TRAMEE EFFICACE A PARTIR DE VUES INTERMEDIAIRES**
[72] CABRAL, BRIAN KEITH, US
[72] BRIGGS, FORREST SAMUEL, US
[72] POZO, ALBERT PARRA, US
[72] VAJDA, PETER, US
[71] FACEBOOK, INC., US
[85] 2018-09-13
[86] 2017-03-27 (PCT/US2017/024303)
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[30] US (62/319,074) 2016-04-06
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[54] **DEVICE FOR TRANSPORTING A CHILD**
[54] **DISPOSITIF DE TRANSPORT D'UN ENFANT**
[72] DRIESSEN, FRANCISCUS JOHANNES CORNELIUS, NL
[71] MUTSY B.V., NL
[85] 2018-09-14
[86] 2017-03-17 (PCT/NL2017/050167)
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[54] **VIRTUAL NUMBERS FOR INTELLIGENCE OPERATIONS**
[54] **NUMEROS VIRTUELS POUR OPERATIONS DE RENSEIGNEMENT**
[72] BENNETT, CHRISTOPHER RYAN, US
[71] WORLD EMERGENCY NETWORK-NEVADA, LTD., US
[85] 2018-09-13
[86] 2017-03-28 (PCT/US2017/024593)
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[54] **DOWNHOLE ANNULAR FLOW DIVERTER**
[54] **DEFLECTEUR D'ECOULEMENT ANNULAIRE DE FOND DE TROU**
[72] KNIGHT, GRANT, NO
[72] BEHJAT, NADER, NO
[72] USHER, CRAIG, GB
[71] CENTRAFLOW AS, NO
[85] 2018-09-14
[86] 2017-03-28 (PCT/NO2017/050075)
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[30] NO (20160522) 2016-04-01
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[51] **Int.Cl. B23P 19/02 (2006.01) B66C 1/10 (2006.01) B66C 23/36 (2006.01)**
[25] EN
[54] **INTEGRATED AUTOMATIC BALANCING SYSTEM FOR AERIAL TUBE BUNDLE EXTRACTORS**
[54] **SYSTEME D'EQUILIBRAGE AUTOMATIQUE INTEGRE POUR EXTRACTEURS DE FAISCEAUX DE TUBES AERIENS**
[72] LA FERLA, DANILO, IT
[72] VIGLIANTI, FRANCESCO, IT
[71] IDROJET S.R.L., IT
[85] 2018-09-14
[86] 2016-03-25 (PCT/IT2016/000079)
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[54] **CLEAR HOT MELT ADHESIVES**
[54] **ADHESIFS THERMOFUSIBLES LIMPIDES**
[72] PITKO, JARKKO T., NL
[71] AVERY DENNISON CORPORATION, US
[85] 2018-09-13
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[54] **AUTOMATIC GUIDED VEHICLE**
[54] **VEHICULE A GUIDAGE AUTOMATIQUE**
[72] YOSHIDA, TORU, JP
[72] ARAKI, JUN, JP
[72] OKUBO, MICHIAKI, JP
[72] MAEMOTO, HIROKI, JP
[72] NAKAJIMA, ATSUSHI, JP
[72] AKIMOTO, HIROAKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2018-09-14
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[25] EN
[54] **STEPPED ACOUSTIC STRUCTURES WITH MULTIPLE DEGREES OF FREEDOM**
[54] **STRUCTURES ACOUSTIQUES A GRADIN AVEC DEGRES DE LIBERTE MULTIPLES**
[72] ICHIHASHI, FUMITAKA, US
[71] HEXCEL CORPORATION, US
[85] 2018-09-13
[86] 2017-04-28 (PCT/US2017/029989)
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[51] **Int.Cl. G06T 7/20 (2017.01) G08B 25/00 (2006.01) H04N 5/232 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **ANALYSIS APPARATUS, ANALYSIS METHOD, AND PROGRAM**
[54] **DISPOSITIF D'ANALYSE, PROCEDE D'ANALYSE ET PROGRAMME**
[72] HIRAKAWA, YASUFUMI, JP
[72] LIU, JIANQUAN, JP
[72] NISHIMURA, SHOJI, JP
[72] ARAKI, TAKUYA, JP
[71] NEC CORPORATION, JP
[85] 2018-09-14
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[51] **Int.Cl. B65D 71/36 (2006.01) B65B 7/16 (2006.01) B65D 5/20 (2006.01) B65D 5/46 (2006.01)**
[25] EN
[54] **CARTON FOR ARTICLES**
[54] **CARTON POUR ARTICLES**
[72] DROEGE, ROSS, US
[72] SPARTIS, ELIAS, US
[72] SPIVEY, RAYMOND R., SR., US
[72] BALDINO, MARK, US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[86] 2017-05-04 (PCT/US2017/030979)
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[30] US (62/332,726) 2016-05-06

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[54] **RESPIRATORY MASK SYSTEM**
[54] **SYSTEME DE MASQUE RESPIRATOIRE**
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] DOWNEY, JONATHAN MARK, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[72] GILBERT, ADAM LUKE, NZ
[72] COLLINS, JANINE ELIZABETH, NZ
[72] HIPOLITO, CHRIS ONIN LIMPIN, NZ
[72] RICHARDSON, THOMAS MARK, NZ
[72] SIEW, SILAS SAO JIN, NZ
[72] O'CONNOR, JAMES PATRICK, NZ
[72] LARGE, CHRISTOPHER JOHN, NZ
[72] SPEAR, TONY WILLIAM, NZ
[72] STEPHENSON, MATTHEW ROGER, NZ
[72] FREESTONE, PAUL MATHEW, NZ
[72] HOCKING, JAKE BAKER, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-09-14
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[87] (WO2017/160166)
[30] US (62/308,654) 2016-03-15
[30] US (62/324,139) 2016-04-18
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[51] **Int.Cl. A61K 47/34 (2017.01) A61K 9/70 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS, KITS AND METHODS FOR MAINTAINING EYELID HYGIENE**
[54] **COMPOSITIONS, TROUSSES ET PROCEDES POUR MAINTENIR L'HYGIENE DES PAUPIERES**
[72] ADKINS, NAT, JR., US
[72] BARRATT, CYNTHIA, US
[71] OCUSOFT, INC., US
[85] 2018-09-14
[86] 2016-04-04 (PCT/US2016/025908)
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[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/747 (2015.01) A23K 30/15 (2016.01) A61K 35/74 (2015.01) A61P 43/00 (2006.01)**
[25] EN
[54] **LACTIC ACID BACTERIUM FOR PREPARAING SILAGE AND ADDITIVE FOR PREPARING SILAGE**
[54] **BACTERIES LACTIQUES DESTINEES A LA PREPARATION D'ENSILAGE ET ADDITIF DESTINE A LA PREPARATION D'ENSILAGE**
[72] HONMA, MITSURU, JP
[72] KITAMURA, TORU, JP
[71] SNOW BRAND SEED CO., LTD., AF
[85] 2018-09-14
[86] 2017-03-08 (PCT/JP2017/009185)
[87] (WO2017/159483)
[30] JP (2016-050808) 2016-03-15

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[51] **Int.Cl. G02F 1/015 (2006.01) G02F 1/025 (2006.01)**
[25] EN
[54] **OPTICAL MODULATOR**
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[51] **Int.Cl. F23D 14/60 (2006.01) F23D 14/34 (2006.01) F23L 13/04 (2006.01) F23N 1/02 (2006.01)**
[25] EN
[54] **MODULATING BURNER WITH VENTURI DAMPER**
[54] **BRULEUR A MODULATION DOTE D'UN AMORTISSEUR VENTURI**
[72] DOURA, MOHAMED MEDHI, US
[72] PUTNAM, BENJAMIN P., US
[72] BAESE, DAVE C., US
[72] WISEMAN, ROBERT WESLEY, US
[71] LOCHINVAR, LLC, US
[22] 2015-05-04
[41] 2015-12-10
[62] 2,947,973
[30] US (14/295,409) 2014-06-04

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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE AND ASPECTS THEREOF**
[54] **INTERFACE POUR PATIENT ET ASPECTS CORRESPONDANTS**
[72] SALMON, ANDREW PAUL MAXWELL, NZ
[72] SIEW, SILAS SAO JIN, NZ
[72] HUANG, WEN DONG, NZ
[72] ALLAN, OLIVIA MARIE, NZ
[72] MCLAREN, MARK, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[72] GARDIOLA, ARVIN SAN JOSE, NZ
[72] MCAULEY, ALASTAIR EDWIN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2010-05-10
[41] 2010-11-18
[62] 2,918,167
[30] NZ (PCT/NZ2009/000072) 2009-05-12
[30] US (61/260,590) 2009-11-12

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[51] **Int.Cl. H04L 27/28 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TRANSMISSION METHOD, TRANSMISSION DEVICE, RECEPTION METHOD, AND RECEPTION DEVICE**
[54] **PROCEDE DE TRANSMISSION, DISPOSITIF DE TRANSMISSION, PROCEDE DE RECEPTION ET DISPOSITIF DE RECEPTION**
[72] MURAKAMI, YUTAKA, JP
[72] KIMURA, TOMOHIRO, JP
[72] OUCHI, MIKIHIRO, JP
[71] SUN PATENT TRUST, US
[22] 2011-10-17
[41] 2012-04-26
[62] 2,803,905
[30] JP (2010-234061) 2010-10-18
[30] JP (2010-275164) 2010-12-09

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[51] **Int.Cl. G06K 19/07 (2006.01) G06Q 20/06 (2012.01) G06Q 20/34 (2012.01) G06K 7/08 (2006.01)**
[25] EN
[54] **CARDS AND DEVICES WITH MAGNETIC EMULATORS FOR COMMUNICATING WITH MAGNETIC STRIPE READERS AND APPLICATIONS FOR THE**

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[54] **CARTES ET DISPOSITIFS AVEC EMULATEURS MAGNETIQUES POUR COMMUNIQUER AVEC DES LECTEURS DE BANDES MAGNETIQUES ET APPLICATIONS CORRESPONDANTES**
[72] MULLEN, JEFFREY DAVID, US
[72] CLOUTIER, BRUCE, US
[72] YEN, PHILIP, US
[72] LAMBETH, DAVID, US
[72] KELLOGG, RYAN, US
[72] REUTZEL, WILL, US
[71] DYNAMICS INC., US
[22] 2008-12-24
[41] 2009-07-02
[62] 2,710,641
[30] US (61/016,491) 2007-12-24
[30] US (61/026,846) 2008-02-07
[30] US (61/027,807) 2008-02-11
[30] US (61/081,003) 2008-07-15
[30] US (61/086,239) 2008-08-05
[30] US (61/090,423) 2008-08-20
[30] US (61/097,401) 2008-09-16
[30] US (61/112,766) 2008-11-09
[30] US (61/117,186) 2008-11-23
[30] US (61/119,366) 2008-12-02
[30] US (61/120,813) 2008-12-08
[30] US (12/339,045) 2008-12-19
[30] US (12/339,067) 2008-12-19
[30] US (12/339,091) 2008-12-19
[30] US (12/339,066) 2008-12-19
[30] US (12/339,041) 2008-12-19
[30] US (12/339,065) 2008-12-19
[30] US (12/339,090) 2008-12-19
[30] US (12/339,043) 2008-12-19
[30] US (12/339,042) 2008-12-19
[30] US (12/339,054) 2008-12-19
[30] US (12/339,051) 2008-12-19
[30] US (12/339,082) 2008-12-19
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[30] US (12/339,093) 2008-12-19
[30] US (12/339,071) 2008-12-19
[30] US (12/339,094) 2008-12-19
[30] US (12/339,048) 2008-12-19
[30] US (12/339,074) 2008-12-19
[30] US (12/339,095) 2008-12-19
[30] US (12/339,097) 2008-12-19
[30] US (12/339,081) 2008-12-19
[30] US (12/339,098) 2008-12-19
[30] US (12/339,055) 2008-12-19
[30] US (12/339,101) 2008-12-19
[30] US (12/339,058) 2008-12-19
[30] US (12/339,085) 2008-12-19
[30] US (12/339,102) 2008-12-19
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[25] EN
[54] **REAGENTS AND METHODS FOR IDENTIFYING, ENRICHING, AND/OR EXPANDING ANTIGEN-SPECIFIC T CELLS**
[54] **REACTIFS ET METHODES D'IDENTIFICATION, D'ENRICHISSEMENT, ET/OU D'EXPANSION DE CELLULES T SPECIFIQUES D'ANTIGENES**
[72] SCHNECK, JONATHAN, US
[72] PERICA, KARLO, US
[72] GLICK BIELER, JOAN, US
[72] OELKE, MATHIAS, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[22] 2015-09-17
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[54] **DOSIMETRICALLY CUSTOMIZABLE BRACHYTHERAPY CARRIERS AND METHODS THEREOF IN THE TREATMENT OF TUMORS**
[54] **APPLICATEURS DE CURIETHERAPIE A DOSES PERSONNALISABLES ET METHODES DE TRAITEMENT DES TUMEURS LES UTILISANT**
[72] THOMAS, THERESA, US
[72] NAKAJI, PETER, US
[72] BRACHMAN, DAVID, US
[72] MCBRIDE, HEYOUNG, US
[72] YOUSSEF, EMAD, US
[71] GT MEDICAL TECHNOLOGIES, INC., US
[22] 2012-04-30
[41] 2012-11-01
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[25] EN
[54] **METHOD AND APPARATUS FOR IMAGE ENCODING AND DECODING USING INTRA PREDICTION**
[54] **METHODE ET APPAREIL D'ENCODAGE ET DE DECODAGE D'IMAGE UTILISANT L'INTRA-PREDICTION**
[72] LEE, TAMMY, KR
[72] CHEN, JIANLE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-06-28
[41] 2013-01-03
[62] 2,840,486
[30] US (61/501,969) 2011-06-28

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[51] **Int.Cl. H04J 11/00 (2006.01) H04B 7/0413 (2017.01) H04L 1/00 (2006.01)**
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[54] **SIGNAL GENERATION METHOD AND SIGNAL GENERATION DEVICE**
[54] **PROCEDE DE GENERATION DE SIGNAUX ET DISPOSITIF DE GENERATION DE SIGNAUX**
[72] MURAKAMI, YUTAKA, JP
[72] KIMURA, TOMOHIRO, JP
[72] OUCHI, MIKIHIRO, JP
[71] SUN PATENT TRUST, US
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[41] 2012-06-14
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[30] JP (2010-276448) 2010-12-10
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[51] **Int.Cl. H04N 19/80 (2014.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/182 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **IMAGE ENCODING AND DECODING USING PIXEL ADAPTIVE OFFSET PROCESS**
[54] **CODAGE ET DECODAGE D'IMAGE AU MOYEN D'UN PROCEDE DE DECALAGE ADAPTATIF DE PIXEL**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] HIWASA, NORIMICHI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2013-04-03
[41] 2013-10-17
[62] 2,997,462
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[25] EN
[54] **ADJUSTABLE ABRASIVE SHARPENER**
[54] **AFFUTEUR ABRASIF REGLABLE**
[72] SMITH, RICHARD S., US
[72] CHALFANT, LOUIS, US
[71] SMITHS'S CONSUMER PRODUCTS, INC., US
[22] 2013-01-15
[41] 2013-07-17
[62] 2,802,382
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[13] A1
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[54] **ADJUSTABLE ABRASIVE SHARPENER**
[54] **AFFUTEUR ABRASIF REGLABLE**
[72] SMITH, RICHARD S., US
[72] CHALFANT, LOUIS, US
[71] SMITH'S CONSUMER PRODUCTS, INC., US
[22] 2013-01-15
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[51] **Int.Cl. C09K 8/44 (2006.01) C09K 8/508 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITION AND RESIN FOR TREATMENT OF A SUBTERRANEAN FORMATION**
[54] **COMPOSITION DURCISSABLE ET RESINE POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE**
[72] HUNDT, GREG ROBERT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2014-12-10
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[62] 2,963,385

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[51] **Int.Cl. H04W 48/12 (2009.01) H04W 24/10 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **INFORMATION ON REFERENCE SIGNAL STRUCTURE FOR NEIGHBOURING CELL MEASUREMENTS**
[54] **INFORMATIONS SUR UNE STRUCTURE DE SIGNAUX DE REFERENCE POUR L'OBTENTION DE MESURES RELATIVES A DES CELLULES VOISINES**
[72] PARKVALL, STEFAN, SE
[72] ASTELY, DAVID, SE
[72] DAHLMAN, ERIK, SE
[71] OPTIS WIRELESS TECHNOLOGY, LLC, US
[22] 2008-04-03
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[62] 2,683,476
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **ELECTRICALLY ACTUATED DOWNHOLE FLOW CONTROL APPARATUS**
[54] **APPAREIL DE REGULATION DU DEBIT EN FOND DE TROU ACTIONNE ELECTRIQUEMENT**
[72] RAVENSBERGEN, JOHN, CA
[72] GETZLAF, DON, CA
[72] GILLIS, BROCK, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-03-14
[41] 2016-09-12
[62] 2,923,662
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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 38/19 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING PRIMARY CELL-DERIVED BIOLOGICS FOR ENHANCING IMMUNE RESPONSES IN PATIENTS**
[54] **COMPOSITIONS RENFERMANT DES SUBSTANCES BIOLOGIQUES DERIVEES DE CELLULES PRIMAIRES SERVANT A AMELIORER LA REPONSE IMMUNITAIRE DES PATIENTS**
[72] HADDEN, JOHN W., US
[72] SIGNORELLI, KATHY, US
[72] EGAN, JAMES, US
[72] NAYLOR, PAUL, US
[71] IRX THERAPEUTICS, INC., US
[22] 2010-05-17
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[62] 2,799,081
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[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **HANDHELD BIOPSY DEVICE WITH NEEDLE FIRING**
[54] **DISPOSITIF DE BIOPSIE A MAIN EQUIPE D'UNE AIGUILLE A PERCUSSION**
[72] HIBNER, JOHN A., US
[72] NUCHOLS, RICHARD P., US
[72] RHAD, EDWARD A., US
[72] CRAIG, HAROLD W., US
[71] DEVICOR MEDICAL PRODUCTS, INC., US
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[62] 2,816,001
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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/117 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[62] 3,000,998
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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS REGULATEURS CHEZ LES VEGETAUX ET APPLICATIONS ASSOCIEES**
[72] FLASINSKI, STANISLAW, US
[72] DIETRICH, CHARLES, US
[72] WU, WEI, US
[72] LI, ZHAOLONG, US
[72] QIU, BO-XING, US
[72] GUO, LIANG, US
[72] CHITTOOR, JAISHREE M., US
[71] MONSANTO TECHNOLOGY LLC, US
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[62] 2,786,697
[30] US (61/295,162) 2010-01-14
[30] US (61/295,160) 2010-01-14
[30] US (61/339,057) 2010-02-26
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[30] US (61/331,924) 2010-05-06

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[25] EN
[54] **METHOD FOR SCREENING TRP CHANNELS**
[54] **METHODE DE CRIBLAGE DE CANAUX TRP**
[72] SREEKRISHNA, KOTI TATACHAR, US
[72] LIN, YAKANG, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2015-03-24
[41] 2015-10-08
[62] 2,941,903
[30] US (61/973,566) 2014-04-01

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[13] A1
[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/24 (2006.01) F22B 33/00 (2006.01)**
[25] EN
[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
[71] CENOVUS ENERGY INC., CA
[22] 2017-07-05
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[62] 2,972,383
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[51] **Int.Cl. H01M 8/0656 (2016.01) H02S 10/10 (2014.01)**
[25] EN
[54] **ENERGY UNIT WITH SAFE AND STABLE HYDROGEN STORAGE**
[54] **GROUPE ENERGETIQUE AVEC STOCKAGE D'HYDROGENE SUR ET STABLE**
[72] KERNENE, NICOLAS, US
[71] KERNENE, NICOLAS, US
[22] 2012-02-28
[41] 2012-09-07
[62] 2,836,056
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7125 (2006.01) A61K 48/00 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) C12N 15/11 (2006.01) C12N 15/12 (2006.01) C12N 15/86 (2006.01)**
[25] EN
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[72] DE KIMPE, JOSEPHUS JOHANNES, NL
[72] PLATENBURG, GERARDUS JOHANNES, NL
[72] VAN DEUTEKOM, JUDITH CHRISTINA THEODORA, NL
[72] AARTSMA-RUS, ANNEMIEKE, NL
[72] VAN OMMEN, GARRIT-JAN BOUDEWIJN, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN, NL
[71] BIOMARIN TECHNOLOGIES B.V., NL
[22] 2009-03-11
[41] 2010-05-06
[62] 2,741,793
[30] NL (PCT/NL2008/050673) 2008-10-27

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[13] A1
[51] **Int.Cl. H04N 21/4788 (2011.01) H04N 21/258 (2011.01) H04N 21/441 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MAINTAINING A USER PROFILE BASED ON DYNAMIC DATA**
[54] **MAINTENANCE D'UN PROFIL D'UTILISATEUR BASE SUR DES DONNEES DYNAMIQUES**
[72] CONNESS, JASON W., US
[72] DAWSON, MARK F., US
[72] HAMANO, ROYCE MATSUSEI, US
[72] GEVORGYAN, GEVORG, US
[71] ROVI GUIDES, INC., US
[22] 2008-10-10
[41] 2009-06-04
[62] 2,701,714
[30] US (11/986461) 2007-11-21
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SIMONDS INTERNATIONAL L.L.C. 3,017,001
SINGH, SANJAYA 3,017,116
SMITH'S CONSUMER PRODUCTS, INC. 3,017,208
SMITH, DAVID L. 3,006,821
SMITH, ERIC D. 3,006,821
SMITH, RICHARD S. 3,017,205
SMITH, RICHARD S. 3,017,208
SMITHS'S CONSUMER PRODUCTS, INC. 3,017,205
SREEKRISHNA, KOTI TATACHAR 3,017,423
STEINMILLER, DAVID 3,016,967
SUGIMOTO, KAZUO 3,017,184
SUGIMOTO, KAZUO 3,017,317
SULLIVAN, JAMES 3,017,006
SUN PATENT TRUST 3,017,162
SUN PATENT TRUST 3,017,181
SUN, SUSAN WEI 3,017,428
SUPERNUS PHARMACEUTICALS, INC. 3,014,688
SWISZCZ, PAUL G. 3,017,013
TAYLOR, JASON 3,016,967
THE JOHNS HOPKINS UNIVERSITY 3,017,170
THE PROCTER & GAMBLE COMPANY 3,017,423
THE STANLEY WORKS ISRAEL LTD. 3,017,156
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3,017,076
THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 3,017,076
THOMAS, THERESA 3,017,174
THRONE, JASON T. 3,017,013
TRUSHEIM, HEIDI 3,016,948
TSAI, THEODORE F. 3,016,948
VACHANI, ANIL 3,017,076
VAN DER BURG, SJOERD HENRICUS 3,016,942
VAN DEUTEKOM, JUDITH CHRISTINA THEODORA 3,017,539
VAN OMMEN, GARRIT-JAN BOUDEWIJN 3,017,539
VILLEMOES, LARS 3,017,077
WAAS, CHRISTOPHER 2,989,568
WALTER, HELMUT 3,006,377
WILLIAMS, JEFF 3,017,050
WILSON, KERRY 3,017,050
WISEMAN, ROBERT WESLEY 3,017,158
WU, WEI 3,017,321
XIONG, WEI 3,017,003
XU, YANG 3,016,994
YEN, PHILIP 3,017,168
YOUSEF, MALIK 3,017,076
YOUSSEF, EMAD 3,017,174
ZHU, XIANGYANG 3,017,116
ZUDIC, ROBERT 2,989,568