Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 147 No. 9 February 26, 2019 Vol. 147 No. 9 le 26 février 2019

Canada

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.

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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.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

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 February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$260**

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

* International fees will be reduced by:

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

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **260 $**

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

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

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

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

1. Physical Delivery of Correspondence to CIPO

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

1. Livraison en personne de correspondance à l'OPIC

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

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

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

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

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

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

1.1 Établissements désignés

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

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

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

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

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

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

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

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

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

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

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

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

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

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^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.

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.

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

contient des parties de la demande elle-même ou des modifications relatives à la demande.

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.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

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

F des Instructions administratives du PCT.

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

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

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

TIFF Format:

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

Photographs in JPEG Format:

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

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

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

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

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

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

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

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

5. Jours fériés

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

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

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

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

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

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

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

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

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

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

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

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

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

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

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

Provincial and Territorial Holidays

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

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

Jours fériés provinciaux ou territoriaux

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

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

When CIPO's Offices are closed for business

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

Jours de fermeture des bureaux de l'OPIC au public

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

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

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

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

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

deposit account number.

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

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

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

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

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

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

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

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

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

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

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

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

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

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

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

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

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

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

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

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 26, 2019 contains applications open to public inspection from February 10, 2019 to February 16, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 26 février 2019 contient les demandes disponibles au public pour consultation pour la période du 10 février 2019 au 16 février 2019.

16. Erratum

The information concerning application number 3,023,544 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of December 29th, 2011 was incorrect. Please note that no application is open to public inspection under this number.

The information concerning application number 2,776,822 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of November 11th, 2012 was incorrect. Please note that no application is open to public inspection under this number.

The information concerning application number 2,869,605 referred to under the section *Canadian Applications Open to*

16. Erratum

Les renseignements concernant la demande 3,023,544 sous la rubrique *Demandes canadiennes mises à la disponibilité du publique* de la *Gazette du Bureau des brevets* du 29 décembre 2011 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Les renseignements concernant la demande 2,776,822 sous la rubrique *Demandes canadiennes mises à la disponibilité du publique* de la *Gazette du Bureau des brevets* du 11 novembre 2012 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Les renseignements concernant la demande 2,869,605 sous la rubrique *Demandes canadiennes mises à la disponibilité du*

Public Inspection of the *Canadian Patent Office Record* of May 6th, 2015 was incorrect. Please note that no application is open to public inspection under this number.

The information concerning application number 3,024,460 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of November 15th, 2018 was incorrect. Please note that no application is open to public inspection under this number.

publique de la *Gazette du Bureau des brevets* du 6 mai 2015 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Les renseignements concernant la demande 3,024,460 sous la rubrique *Demandes canadiennes mises à la disponibilité du publique* de la *Gazette du Bureau des brevets* du 15 novembre 2018 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

17. Erratum

The previous editions of the *Canadian Patent Office Record* listed below contained some errors. The section of the CPOR titled *Canadian Patents Issued* lists the patents that have been granted on the date of that edition. However, in that portion of the editions listed below, the code A1 (which indicates a patent application) appeared in conjunction with one or more of the listed patents. The code that should have appeared in conjunction with all of the listed patents is C, which indicates a granted patent. For further information about any patent application or patent, please refer to the Canadian Patents Database.

Volume 143 No. 48 December 1, 2015
Volume 144 No. 3 January 19, 2016
Volume 144 No. 11 March 15, 2016
Volume 144 No. 28 July 12, 2016
Volume 144 No. 28 July 19, 2016
Volume 144 No. 35 August 30, 2016
Volume 145 No. 11 March 14, 2017
Volume 145 No. 12 March 21, 2017
Volume 145 No. 15 April 11, 2017
Volume 145 No. 17 April 25, 2017
Volume 145 No. 21 May 23, 2017
Volume 145 No. 43 October 24, 2017
Volume 145 No. 45 November 7, 2017
Volume 146 No. 11 March 13, 2018
Volume 146 No. 27 July 3, 2018

17. Erratum

Les éditions précédentes de la *Gazette du Bureau des brevets (GBB)* dont le numéro figure ci-dessous contiennent certaines erreurs. Une liste des brevets ayant été octroyés à la date d'un numéro d'édition apparaît dans la section de la GBB intitulée *Brevets canadiens délivrés*. Cependant, dans cette section des numéros d'édition qui figurent ci-après, le code A1 (indiquant une demande de brevet) accompagne un ou plusieurs des brevets énumérés. Le code C, indiquant un brevet octroyé, est celui qui aurait dû accompagner chacun des brevets énumérés. Pour de plus amples renseignements sur une demande de brevet ou sur un brevet, veuillez consulter la Base de données sur les brevets canadiens.

Volume 143 No 48 le 1er décembre 2015
Volume 144 No 3 le 19 janvier 2016
Volume 144 No 11 le 15 mars 2016
Volume 144 No 28 le 12 juillet 2016
Volume 144 No 28 le 19 juillet 2016
Volume 144 No 35 le 30 août 2016
Volume 145 No 11 le 14 mars 2017
Volume 145 No 12 le 21 mars 2017
Volume 145 No 15 le 11 avril 2017
Volume 145 No 17 le 25 avril 2017
Volume 145 No 21 le 23 mai 2017
Volume 145 No 43 le 24 octobre 2017
Volume 145 No 45 le 7 novembre 2017
Volume 146 No 11 le 13 mars 2018
Volume 146 No 27 le 3 juillet 2018

Canadian Patents Issued

February 26, 2019

Brevets canadiens délivrés

26 février 2019

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[13] C
[51] **Int.Cl. G06Q 20/34 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **A TAX REFUND SYSTEM**
[54] **SYSTEME SERVANT A REMBOURSER LA TVA**
[72] BARRY, GERARD J., IE
[72] DUFFY, JOHN, IE
[72] PARKINS, CHRISTOPHER DAVID, GB
[72] BEWS, DUNCAN ALEXANDER, GB
[73] EUROPEAN TAX FREE SHOPPING LIMITED, IE
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[87] (WO2003/079249)
[30] GB (0206346.9) 2002-03-18
[30] IE (2002/0850) 2002-10-31

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[13] C
[51] **Int.Cl. C12N 1/00 (2006.01) A23D 9/00 (2006.01) A23D 9/02 (2006.01) A61K 8/92 (2006.01) C11B 1/10 (2006.01) C12N 1/12 (2006.01) C12N 1/14 (2006.01) C12N 1/16 (2006.01) C12N 1/20 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **PASTEURISATION PROCESS FOR MICROBIAL CELLS AND MICROBIAL OIL**
[54] **PROCEDE DE PASTEURISATION DE CELLULES MICROBIENNES ET D'HUILE MICROBIENNE**
[72] SCHAAP, ALBERT, NL
[72] VERKOEIJEN, DANIEL, NL
[73] DSM IP ASSETS B.V., NL
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[86] 2003-06-20 (PCT/EP2003/006553)
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[30] EP (02254262.5) 2002-06-19
[30] EP (02258713.3) 2002-12-18

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[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 1/00 (2006.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST CLOSTRIDIUM DIFFICILE TOXINS AND USES THEREOF**
[54] **ANTICORPS CONTRE DES TOXINES DE CLOSTRIDIUM DIFFICILE ET UTILISATIONS CONNEXES**
[72] AMBROSINO, DONNA, US
[72] BABCOCK, GREGORY J., US
[72] BROERING, TERESA, US
[72] GRAZIANO, ROBERT, US
[72] HERNANDEZ, HECTOR JAVIER, US
[72] LOWY, ISRAEL, US
[72] MANDELL, ROBERT, US
[72] MOLRINE, DEBORAH, US
[72] THOMAS, WILLIAM D. JR., US
[72] ZHANG, HUI-FEN, US
[73] UNIVERSITY OF MASSACHUSETTS, US
[73] E. R. SQUIBB & SONS, L.L.C., US
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[87] (WO2006/121422)
[30] US (60/542,357) 2004-02-06
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[13] C
[51] **Int.Cl. A61K 31/7064 (2006.01) A61P 35/00 (2006.01) C07H 19/23 (2006.01)**
[25] EN
[54] **EFFECTIVE TREATMENT OF TUMORS AND CANCER WITH TRICIRIBINE AND RELATED COMPOUNDS**
[54] **TRAITEMENT EFFICACE DES TUMEURS ET DU CANCER A L'AIDE DE LA TRICIRIBINE ET DE COMPOSES ASSOCIES**
[72] CHENG, JIN Q., US
[72] SEBTI, SAID M., US
[73] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2006-09-28
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[13] C
[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING AN OPTIMAL DILUTION OF A REAGENT**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA DILUTION OPTIMALE D'UN REACTIF**
[72] PINARD, ROBERT, US
[72] TEDESCHI, GREGORY R., US
[72] GUSTAVSON, MARK, US
[73] NOVARTIS AG, CH
[86] (2596204)
[87] (2596204)
[22] 2007-08-07

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[13] C
[51] **Int.Cl. C12Q 1/6876 (2018.01) C12Q 1/6837 (2018.01) C12Q 1/6844 (2018.01)**
[25] EN
[54] **FLUORESCENTLY LABELLED OLIGONUCLEOTIDES FOR USE AS HYBRIDISATION PROBES**
[54] **OLIGONUCLEOTIDES**
[72] MCDOWELL, DAVID GORDON, GB
[72] FRENCH, DAVID JOHN, GB
[73] LGC LIMITED, GB
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[30] GB (0514889.5) 2005-07-20

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[54] **HOLLOW WALL STRUCTURE**
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[72] JOHNSTON, CURTIS F., US
[73] TARKETT USA INC., US
[86] (2673205)
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[30] US (12/148,082) 2008-04-15

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[13] C
[51] **Int.Cl. H01H 85/46 (2006.01) H01H 85/02 (2006.01)**
[25] EN
[54] **INTELLIGENT FUSE HOLDER AND CIRCUIT PROTECTION SYSTEMS**
[54] **PORTE-FUSIBLE INTELLIGENT ET SYSTEME DE PROTECTION DE CIRCUIT**
[72] RODSETH, WILLIAM G., US
[72] STANEK, DANIEL, US
[72] GILMAN, DANIEL, US
[73] LITTELFUSE, INC., US
[86] (2673898)
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[22] 2009-07-27
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[13] C
[51] **Int.Cl. C12Q 1/52 (2006.01) C12Q 1/48 (2006.01)**
[25] EN
[54] **MEASUREMENT OF THE ACTIVITY OF A KYNURENINE-CONVERTING ENZYME AND/OR OF A KYNURENIC ACID, ANTHRANILIC ACID AND/OR 3-HYROXYKYNURENINE-PRODUCING ENZYME**
[54] **MESURE DE L'ACTIVITE D'UNE ENZYME TRANSFORMANT DE LA KYNURENINE ET/OU D'UNE ENZYME PRODUISANT DE L'ACIDE KYNURENIQUE, DE L'ACIDE ANTHRANILIQUE ET/OU DE LA 3-HYDROXYKYNURENINE**
[72] BARAN, HALINA, AT
[73] KEPPLINGER, BERTHOLD, AT
[73] BARAN, HALINA, AT
[85] 2009-09-24
[86] 2007-09-26 (PCT/AT2007/000452)
[87] (WO2008/116235)
[30] AT (GM 195/2007) 2007-03-27

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[13] C
[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **ANTITUMOUR COMBINATIONS CONTAINING A VEGF INHIBITING AGENT AND IRINOTECAN**
[54] **COMBINAISONS ANTITUMORALES CONTENANT UN AGENT INHIBITEUR DE VEGF ET DE L'IRINOTECAN**
[72] BISSERY, MARIE-CHRISTINE, FR
[72] CHIRON-BLONDEL, MARIELLE, FR
[72] LEJEUNE, PASCALE, FR
[72] VRIGNAUD, PATRICIA, FR
[73] AVENTIS PHARMA S.A., FR
[85] 2009-12-30
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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6813 (2018.01) G16B 20/00 (2019.01) G16B 25/00 (2019.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **DETERMINING A NUCLEIC ACID SEQUENCE IMBALANCE**
[54] **DETERMINATION D'UN DESEQUILIBRE DE SEQUENCES D'ACIDE NUCLEIQUE**
[72] LO, YUK-MING DENNIS, HK
[72] CHIU, ROSSA WAI KWUN, HK
[72] CHAN, KWAN CHEE, HK
[72] ZEE, BENNY CHUNG YING, HK
[72] CHONG, KA CHUN, HK
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[85] 2010-01-19
[86] 2008-07-23 (PCT/GB2008/002524)
[87] (WO2009/013492)
[30] US (60/951,438) 2007-07-23

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[13] C
[51] **Int.Cl. A61K 47/42 (2017.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07K 14/46 (2006.01) C07K 14/465 (2006.01)**
[25] EN
[54] **OXIDIZED AVIDIN WITH HIGH RESIDENCY TIME IN THE TREATED TISSUES**
[54] **AVIDINE OXYDEE AVEC TEMPS DE RESIDENCE ELEVE DANS LES TISSUS TRAITES**
[72] DE SANTIS, RITA, IT
[72] NUZZOLO, CARLO ANTONIO, IT
[73] ALFASIGMA S.P.A., IT
[85] 2010-01-22
[86] 2008-07-16 (PCT/EP2008/059260)
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[30] EP (07113733.5) 2007-08-02
[30] EP (08157473.3) 2008-06-03

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[13] C
[51] **Int.Cl. C12P 7/64 (2006.01) A23D 9/00 (2006.01) C11B 1/00 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **ENZYMATIC MODIFICATION OF OIL**
[54] **MODIFICATION ENZYMATIQUE D'UNE HUILE**
[72] KRALOVEC, JAROSLAV A., CA
[72] WANG, WEIJIE, CA
[72] BARROW, JAMES COLIN, CA
[73] DSM NUTRITIONAL PRODUCTS AG, US
[85] 2010-01-12
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[87] (WO2009/040676)
[30] US (60/959,248) 2007-07-12

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G16H 40/20 (2018.01) H04L 9/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING MEDICAL DEVICES**
[54] **SYSTEME POUR CONTROLER DES DISPOSITIFS MEDICAUX**
[72] ROBERTS, NICK, US
[72] NEWMAN, LEE A., US
[73] SMITHS MEDICAL ASD, INC., US
[85] 2010-02-10
[86] 2008-08-11 (PCT/US2008/072801)
[87] (WO2009/023634)
[30] US (60/964,444) 2007-08-10

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[13] C
[51] **Int.Cl. C12N 15/09 (2006.01)**
[25] EN
[54] **FIG4 GENE MUTATIONS IN NEURODEGENERATION**
[54] **MUTATIONS DU GENE FIG4 DANS LA NEURODEGENERESCENCE**
[72] MEISLER, MIRIAM, US
[72] LUPSKI, JAMES R., US
[72] CHOW, CLEMENT, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[73] BAYLOR COLLEGE OF MEDICINE, US
[85] 2009-10-26
[86] 2008-04-25 (PCT/US2008/061616)
[87] (WO2008/134539)
[30] US (60/926,276) 2007-04-26

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[13] C
[51] **Int.Cl. C12N 15/69 (2006.01) C07K 16/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **PROTEIN EXPRESSION FROM MULTIPLE NUCLEIC ACIDS**
[54] **EXPRESSION DE PROTEINE A PARTIR D'ACIDES NUCLEIQUES MULTIPLES**
[72] GOEPFERT, ULRICH, DE
[72] KNOETGEN, HENDRIK, DE
[72] KOPETZKI, ERHARD, DE
[72] STERN, ANNE, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2010-04-01
[86] 2008-10-09 (PCT/EP2008/008523)
[87] (WO2009/046978)
[30] EP (07019999.7) 2007-10-12

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[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **ISOLATED POLYPEPTIDES, POLYNUCLEOTIDES USEFUL FOR MODIFYING WATER USE EFFICIENCY, FERTILIZER USE EFFICIENCY, BIOTIC/ABIOTIC STRESS TOLERANCE, YIELD AND BIOMASS IN PLANTS**
[54] **POLYPEPTIDES ISOLES, POLYNUCLEOTIDES UTILES POUR MODIFIER L'EFFICACITE DE L'UTILISATION DE L'EAU, L'EFFICACITE DE L'UTILISATION DE FERTILISANT, LA TOLERANCE AU STRESS BIOTIQUE/ABIOTIQUE, LE RENDEMENT ET LA BIOMASSE CHEZ LES PLANTES**
[72] RONEN, GIL, IL
[72] VINOCUR, BASIA JUDITH, IL
[72] DIBER, ALEX, IL
[72] AYAL, SHARON, IL
[72] KARCHI, HAGAI, IL
[72] HERSCHKOVITZ, YOAV, IL
[73] EVOGENE LTD., IL
[85] 2010-06-15
[86] 2008-12-23 (PCT/IL2008/001657)
[87] (WO2009/083958)
[30] US (61/009,166) 2007-12-27
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[11] **2,710,733**
[13] C
[51] **Int.Cl. G06F 11/00 (2006.01) A61B 34/10 (2016.01)**
[25] EN
[54] **PREVENTING DISRUPTIVE COMPUTER EVENTS DURING MEDICAL PROCEDURES**
[54] **PREVENTION DES EVENEMENTS D'INTERRUPTION D'UN ORDINATEUR LORS DES ACTES MEDICAUX**
[72] AMIT, MATI, IL
[72] SCHWARTZ, YITZHACK, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2710733)
[87] (2710733)
[22] 2010-07-22
[30] US (12/507,981) 2009-07-23

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[13] C
[51] **Int.Cl. A61K 36/484 (2006.01) A61K 35/64 (2015.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING DIABETES AND PREPARATION METHOD THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE SERVANT AU TRAITEMENT DU DIABETE ET METHODE DE PREPARATION ASSOCIEE**
[72] PAN, JIE, CN
[72] CHEN, JIPENG, CN
[72] HONG, FEI, CN
[72] LIN, ZHIQIANG, CN
[73] ZHANGZHOU PIEN TZE HUANG PHARMACEUTICAL CO., LTD, CN
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[86] 2008-11-14 (PCT/CN2008/001878)
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[30] CN (200810057130.3) 2008-01-30

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[13] C
[51] **Int.Cl. E21B 19/14 (2006.01)**
[25] EN
[54] **PIPE HANDLING SYSTEM, APPARATUS AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE DE MANUTENTION DES TUYAUX**
[72] MORELLI, VINCE, CA
[72] LUDWIG, DARCY, CA
[73] SUPERIOR RIG SOLUTIONS INC., CA
[86] (2713051)
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[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **PRIVACY-ENHANCED INTERNET ADVERTISING SYSTEM**
[54] **SYSTEME PUBLICITAIRE SUR INTERNET A CONFIDENTIALITE AMELIOREE**
[72] HO, MICHAEL, CA
[72] ST-PIERRE, NICOLAS, CA
[73] AUDIENCE PARTNERS, LLC, US
[85] 2010-08-18
[86] 2009-02-04 (PCT/CA2009/000134)
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[25] EN
[54] **FLOW GUIDE**
[54] **GUIDE D'ECOULEMENT**
[72] JAMES, ADAM GRAHAM, GB
[72] CHEN, JIE, GB
[72] WILLS, ANTHONY ARTHUR, GB
[73] ENDOGUARD LIMITED, GB
[86] (2717124)
[87] (2717124)
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[51] **Int.Cl. H02J 50/80 (2016.01) H02J 50/10 (2016.01) F41G 11/00 (2006.01) F41H 13/00 (2006.01) H02J 7/00 (2006.01) H04B 5/00 (2006.01) H04K 3/00 (2006.01)**
[25] EN
[54] **SOLDIER SYSTEM WIRELESS POWER AND DATA TRANSMISSION**
[54] **TRANSMISSION SANS FIL D'ALIMENTATION ET DE DONNEES DE DISPOSITIF SOLDAT**
[72] SOAR, ROGER J., CA
[73] CYNETIC DESIGNS LTD., CA
[86] (2717533)
[87] (2717533)
[22] 2010-10-13
[30] US (61/272621) 2009-10-13
[30] US (12/923,895) 2010-09-29

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[51] **Int.Cl. H05B 37/00 (2006.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **EFFICIENT ELECTRICALLY ISOLATED LIGHT SOURCES**
[54] **SOURCES D'ECLAIRAGE EFFICACES ET ISOLEES ELECTRIQUEMENT**
[72] GROTKOWSKI, MIROSLAW MAREK, CA
[72] SHEEHAN, GREGORY BERNARD, CA
[73] PHILIPS LIGHTING HOLDING B.V., NL
[86] (2718819)
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[51] **Int.Cl. A61K 35/32 (2015.01) A61P 19/04 (2006.01)**
[25] EN
[54] **TREATMENT OF INTERVERTEBRAL DISC DEGENERATION**
[54] **TRAITEMENT DE LA DEGENERESCENCE DU DISQUE INTERVERTEBRAL**
[72] NOH, MOON JONG, US
[72] KANG, SUNG WOO, US
[72] BAE, HYUN, US
[72] LEE, KWAN HEE, US
[73] KOLON TISSUEGENE, INC., US
[85] 2010-09-21
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[54] **DISPOSITIF DE TRANSMISSION ET APPAREIL PORTATIF DE SOUDAGE-PERCAGE DOTE DUDIT DISPOSITIF DE TRANSMISSION**
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[54] **VECTEUR D'EXPRESSION POUR PRODUIRE UNE PROTEINE ISSUE D'UN GENE ETRANGER EN GRANDE QUANTITE A L'AIDE DE CELLULES ANIMALES, ET SON UTILISATION**
[72] TAHARA, HIROSHI, JP
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[72] YAMAMOTO, KEIICHI, JP
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[72] FARRER, STEPHEN W., US
[72] NEAL, DANIEL R., US
[72] POWERS, WILLIAM S., US
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[72] TWIST, JOHN, US
[72] NOE, OKEY, US
[73] MYLAN INC., US
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[54] **ARTICLE ABSORBANT COMPRENANT UN ARTICLE FIBREUX FORME**
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[72] BARBOSA, LIVEA FUJITA, BR
[72] CAU, JOSE FRANCISCO, BR
[72] COUTINHO, JOSE MANOEL SOARES, BR
[72] DUARTE, IVAIR LUIZ, BR
[72] FARIA, REINALDO LOURENCO, BR
[72] HERNANDEZ, FRANCISCO J. V., BR
[72] MARTINES, MANUELA LEONEL, BR
[72] RIMOLI, FRANCISCO ANTONIO, BR
[72] NETO, FRANCISCO SAVASTANO, BR
[72] YAMASHITA, ALEXANDRE TEIXEIRA, BR
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[72] GUILLEY, SYLVAIN, FR
[73] INSTITUT TELECOM-TELECOM PARIS TECH, FR
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[72] DE VOS, WILLEM MEINDERT, NL
[72] PALVA, AIRI, FI
[72] PALVA, ILKKA, FI
[72] REUNANEN, JUSTUS, FI
[72] VON OSSOWSKI, INGEMAR, FI
[72] SATOKARI, REETTA, FI
[72] VESTERLUND, SATU, FI
[72] KANKAINEN, MATTI, FI
[72] SALUSJAERVI, TUOMAS, FI
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[54] **SOURCE DE PLASMA AVEC LAME INTEGREE ET PROCEDE D'ELIMINATION DE MATERIAUX DE SUBSTRATS**
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[72] KINGSLEY, JEFFREY, US
[73] AP SOLUTIONS, INC., US
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[54] **SYSTEM AND METHOD FOR RELEASING PRINT JOBS BASED ON LOCATION INFORMATION**
[54] **SYSTEME ET PROCEDE DE LIBERATION DES TRAVAUX D'IMPRESSION BASEE SUR LES DONNEES DE LOCALISATION**
[72] ST.LAURENT, MICHAEL, CA
[72] ONISCHKE, MARK, CA
[72] KUINDERSMA, MICHAEL, CA
[72] KRISHNAMMAGARU, DHARMESH, CA
[72] STAIRS, JONATHAN, CA
[72] NOREIKIS, KEN, US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **MECANISME ET SYSTEME D'INVITATION A EMETTRE MULTI-ETAPES POUR LA COMMANDE DES TRANSMISSIONS ET DU TRAITEMENT DES DONNEES DE RESSOURCES DU RESEAU**
[72] KUINDERSMA, MICHAEL, CA
[72] ST.LAURENT, MICHAEL, CA
[72] ONISCHKE, MARK, CA
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **CLEANING AGENT**
[54] **AGENT DE NETTOYAGE**
[72] KESSLER, ARND, DE
[72] BASTIGKEIT, THORSTEN, DE
[72] NITSCH, CHRISTIAN, DE
[72] WICK, WOLFGANG, DE
[73] HENKEL AG & CO. KGAA, DE
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[54] **PROCEDE DE COULEE POUR ALLIAGES D'ALUMINIUM**
[72] BES, GUILLAUME, FR
[72] REY-FLANDRIN ROBERT, FR
[72] RIBAUD, OLIVIER, FR
[72] VERNEDE, STEPHANE, FR
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[54] **SYSTEME D'ETALONNAGE POUR CATHETER A CAPTEUR DE FORCE**
[72] LUDWIN, DORON, IL
[72] BONYAK, YEVGENY, IL
[72] LEVY, DROR SHLOMO, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **BOREHOLE LOGGING SYSTEM AND METHOD**
[54] **SYSTEMES ET PROCEDE DE DIAGRAPHIE DE PUITS DE FORAGE**
[72] SEIGEL, HAROLD, CA
[72] NIND, CHRISTOPHER, CA
[72] MACQUEEN, JEFFREY, CA
[73] SCINTREX LIMITED, CA
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[54] **COMPOSITIONS PERMETTANT DE STIMULER LA RESISTANCE IMMUNITAIRE INNEE DES MAMMIFERES CONTRE LES PATHOGENES**
[72] DICKEY, BURTON, US
[72] TUVIM, MICHAEL, US
[72] EVANS, SCOTT, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **CATHETER A POIGNEE DE COMMANDE REFROIDIE PAR LIQUIDE**
[72] JIMENEZ, EDUARDO, US
[72] SCHULTZ, JEFFREY W., US
[72] PLASCENCIA, ROGELIO, JR., US
[72] SOLIS, MARIO, US
[72] TUASON, ARNOLD, US
[72] BEECKLER, CHRISTOPHER, US
[72] GARCIA, ARIEL, US
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] PONZI, DEAN, US
[73] BIOSENSE WEBSTER, INC., US
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[54] **BIOESSAIS DE CONTROLE QUALITE POUR DES PRODUITS NUTRACEUTIQUES ET MEDICINAUX**
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[72] AKTAS, HUSEYIN, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **DISPOSITIF D'AFFUTAGE POUR LES CARRES D'UN SKI OU D'UNE PLANCHE A NEIGE**
[72] FROMMER, THOMAS P., CA
[72] KONTOS, CHRISTOPHER THEODORE, CA
[72] MARCHAND, SHAWN, CA
[72] PLOURDE, MARC R., CA
[72] O'NEILL, AUSTIN, CA
[72] SCHATZ, KURT, CA
[73] MAGNA CLOSURES INC., CA
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[72] BERGIN, JONATHAN, US
[72] SANTA FE, VICTORIA, US
[72] SEVERANCE, CHRISTOPHER, US
[72] ROSA, GARY, US
[73] PARKER HANNIFIN CORPORATION, US
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[54] **FGF21 MUTANTS AND USES THEREOF**
[54] **MUTANTS DE FGF21 ET LEURS UTILISATIONS**
[72] BELOUSKI, EDWARD JOHN, US
[72] ELLISON, MURIELLE MARIE, US
[72] HAMBURGER, AGNES EVA, US
[72] HECHT, RANDY IRA, US
[72] LI, YUE-SHENG, US
[72] MICHAELS, MARK LEO, US
[72] SUN, JEONGHOON, US
[72] XU, JING, US
[73] AMGEN INC., US
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[73] CHURCHILL DRILLING TOOLS LIMITED, GB
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[54] **TRESSE A CONDUCTEURS DE SIGNAUX INTEGRES**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **PROCEDE DE DEPOT DE COUCHE MINCE ET PRODUIT OBTENU**
[72] PETER, EMMANUELLE, FR
[72] KHARCHENKO, ANDRIY, FR
[72] NADAUD, NICOLAS, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **AMELIORATION DE LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURE**
[72] SCOTT, GEORGE R., CA
[72] BACON, RUSSELL M., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **METHOD AND SYSTEM FOR LIFTING FLUIDS FROM A RESERVOIR**
[54] **METHODE ET SYSTEME DE PRELEVEMENT DE FLUIDES DANS UN RESERVOIR**
[72] BOONE, THOMAS J., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **AIRFOIL WITH METAL FOAM CORE AND COMPOSITE SKIN**
[54] **PROFIL AERODYNAMIQUE DOTE D'UNE AME EN MOUSSE ET METAL ET REVETEMENT COMPOSITE**
[72] RICE, EDWARD CLAUDE, US
[73] ROLLS-ROYCE CORPORATION, US
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[72] SOO, B. CHIA, US
[72] TING, KANG, US
[72] ZHENG, ZHONG, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **ANALYSIS SYSTEM FOR TEST ARTIFACT GENERATION**
[54] **SYSTEME D'ANALYSE PERMETTANT LA GENERATION D'ARTEFACT D'ESSAI**
[72] SENGUPTA, SHUBHASHIS, IN
[72] DWARAKANATH, ANURAG, IN
[72] RAMNANI, ROSHNI R., IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **GENERATION DE DONNEES D'ESSAI**
[72] FEYNMAN, CARL RICHARD, US
[73] AB INITIO TECHNOLOGY LLC, US
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[54] **METHODS AND SYSTEMS FOR DETERMINING A PITCH ANGLE OFFSET SIGNAL AND FOR CONTROLLING A ROTOR FREQUENCY OF A ROTOR OF A WIND TURBINE FOR SPEED AVOIDANCE CONTROL**
[54] **PROCEDES ET SYSTEMES SERVANT A DETERMINER UN SIGNAL DE COMPENSATION D'ANGLE DE PAS ET A REGULER LA FREQUENCE DU ROTOR DUNE EOLIENNE POUR EMPECHER CELLE-CI D'ATTEINDRE SA VITESSE CRITIQUE**
[72] ESBENSEN, THOMAS, DK
[72] HOEGH, GUSTAV, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[87] (2764612)
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[54] **MULTIMERIC POLYPEPTIDES OF HLA-G INCLUDING ALPHA1-ALPHA3 MONOMERS AND PHARMACEUTICAL USES THEREOF**
[54] **POLYPEPTIDES MULTIMERES DE HLA-G COMPRENANT DES MONOMERES ALPHA1-ALPHA3 ET LEURS UTILISATIONS PHARMACEUTIQUES**
[72] LE MAOULT, JOEL, FR
[72] CAROSELLA, EDGARDO DELFINO, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[25] EN
[54] **RAPID BED-SIDE MEASUREMENT OF NEUTROPHIL ELASTASE ACTIVITY IN BIOLOGICAL FLUIDS**
[54] **MESURE RAPIDE AU LIT DU MALADE DE L'ACTIVITE ELASTASIQUE DES NEUTROPHILES DANS DES LIQUIDES BIOLOGIQUES**
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[72] GIBSON, DANIEL J., US
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[54] **TECHNIQUE D'AMPLIFICATION ISOTHERME D'ACIDES NUCLEIQUES ACCELEREE PAR DES AMORCES EN TIGE**
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[72] GANDELMANN, OLGA, GB
[72] KIDDLE, GUY, GB
[72] MCELGUNN, CATHAL JOSEPH, GB
[73] LUMORA LTD, GB
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[54] **METIER MANUEL A CADRE REGLABLE MODULAIRE**
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[54] **SYSTEM AND METHOD FOR MONITORING TIRE CONDITION**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'ETAT D'UN PNEU**
[72] FRASHURE, TIMOTHY J., US
[72] LAMMERS, SHAWN D., CA
[72] AMATO, WILLIAM P., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **MINING ASSOCIATION RULES IN PLANT AND ANIMAL DATA SETS AND UTILIZING FEATURES FOR CLASSIFICATION OR PREDICTION**
[54] **EXTRACTION DES REGLES D'ASSOCIATION DANS LES ENSEMBLES DE DONNEES DE VEGETAUX ET D'ANIMAUX ET UTILISATION DES FONCTIONNALITES DE CLASSEMENT OU PREDICTION**
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[72] PAI, REETAL, US
[73] DOW AGROSCIENCES LLC, US
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[54] **VISUAL SEGMENTATION OF LAWN GRASS**
[54] **SEGMENTATION VISUELLE DE GAZON**
[72] SCHEPELMANN, ALEXANDER, US
[72] DALTORIO, KATHRYN A., US
[72] ROLIN, AMAURY D., US
[72] BENO, JONATHAN, US
[72] HUGHES, BRADLEY E., US
[72] GREEN, JAMES M., US
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[72] QUINN, ROGER D., US
[72] SNOW, HENRY H., US
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[72] DANIELCZYK, ANTJE, DE
[72] STAHN, RENATE, DE
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[54] **METHOD AND SYSTEM FOR MONITORING A CABLE SYSTEM OF AN ELECTRIC POWER TRANSMISSION SYSTEM**
[54] **PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER UN SYSTEME DE CABLES D?UN SYSTEME DE TRANSMISSION D?ENERGIE ELECTRIQUE**
[72] SALES CASALS, LLUIS-RAMON, IT
[72] DEL RIO FERNANDEZ, JOAQUIN, ES
[72] LARA, RAFAEL, ES
[72] MANUEL LAZARO, ANTONIO, ES
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[54] **DISPOSITIF DE REFROIDISSEMENT PAR INSERTION D'UNE CAVITE DE PREFORME**
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[73] MOLD-MASTERS (2007) LIMITED, CA
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[72] DEGN, PETER EDVARD, DK
[72] BOTT, RICHARD, US
[72] VROEMEN, CASPER WILLEM, NL
[72] SCHEFFERS, MARTIJN SILVAN, NL
[72] AEHLE, WOLFGANG, DE
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[73] DUPONT NUTRITION BIOSCIENCES APS, DK
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[54] **TRAITEMENT DE PRG4 POUR CYSTITE INTERSTITIELLE**
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[72] TRUITT, EDWARD R., III, US
[73] LUBRIS, LLC, US
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[54] **METHOD AND ARRANGEMENT FOR CONTROLLING AN OPERATION OF AN ELECTRIC ENERGY PRODUCTION FACILITY DURING A DISCONNECTION TO A UTILITY GRID**
[54] **PROCEDE ET DISPOSITIF POUR LA COMMANDE D'UNE INSTALLATION DE PRODUCTION D'ENERGIE ELECTRIQUE PENDANT UN DEBRANCHEMENT DU RESEAU**
[72] BECH, JOHN, DK
[72] MADSEN, KNUD DAM HAGEMAN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] PALMSKOG, GOERAN, SE
[72] BECK, OLOF, SE
[73] SENSA BUES AB, SE
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[54] **COMPOUND ACCUMULATING IN INFLAMMATORY SITE, DIAGNOSTIC AGENT CONTAINING THE COMPOUND IN LABELED STATE AND ITS PRECURSOR COMPOUND FOR LABELING**
[54] **COMPOSE S'ACCUMULANT SUR UN SITE INFLAMMATOIRE, AGENT DE DIAGNOSTIC CONTENANT CE COMPOSE DANS UN ETAT MARQUE ET SON COMPOSE PRECURSEUR POUR LE MARQUAGE**
[72] SAJI, HIDEO, JP
[72] KIMURA, HIROYUKI, JP
[72] ONO, MASAHIRO, JP
[72] SEKI, IKUYA, JP
[73] KYOTO UNIVERSITY, JP
[73] NIHON MEDI-PHYSICS CO., LTD., JP
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[54] **DISPOSITIF D'ESPACEMENT MECANIQUE**
[72] FUNK, WILLIAM E., CA
[73] FUNK, WILLIAM E., CA
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[54] **SYSTEM FOR CONDUCTING THE IDENTIFICATION OF BACTERIA IN BIOLOGICAL SAMPLES**
[54] **SYSTEME POUR CONDUIRE L'IDENTIFICATION DE BACTERIES DANS DES ECHANTILLONS BIOLOGIQUES**
[72] INGBER, GAL, IL
[72] ATTERBURY, WILLIAM G., US
[72] HOLLEY, DAVE, US
[72] KLAUSING, THOMAS A., US
[72] LAUDO, JOHN S., US
[72] SCHAEFER, JASON A., US
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[54] **NETTOYEUR PORTATIF AVEC AXE D'ASSEMBLAGE**
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[73] SHOP VAC CORPORATION, US
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[54] **SYSTEM AND METHOD OF HANDLING REQUESTS IN A MULTI-HOMED REVERSE PROXY**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES DEMANDES DANS UN SERVEUR MANDATAIRE INVERSE A RATTACHEMENTS MULTIPLES**
[72] WOELFEL, JOHN HAROLD, CA
[73] SYMANTEC CORPORATION, US
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[54] **PROCEDE DE DETERMINATION, D'OPTIMISATION ET DE FABRICATION D'UNE LENTILLE OPHTALMIQUE ET ENSEMBLE DE LENTILLES OPHTALMIQUES**
[72] GUILLOUX, CYRIL, FR
[72] MOUSSET, SOAZIC, FR
[72] POULAIN, ISABELLE, FR
[73] ESSILOR INTERNATIONAL, FR
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[54] **POLYMERES BIOCOMPATIBLES POUR DISPOSITIFS MEDICAUX**
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[72] BOLIKAL, DURGADAS, US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **NID D'ABEILLES POLINISATRICES**
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[73] WEEDEN, ROBERT GEORGE, CA
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[72] CHENG, JANET D., US
[72] O'NEILL, JASON C., US
[72] ZHANG, YU, US
[72] SUN, YU, US
[72] CERNE, HEATHER, US
[72] PIPER, DEREK E., US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE LA SURFACE D'UN SUBSTRAT**
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[73] GEBR. SCHMID GMBH, DE
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[54] **A METHOD FOR PROVIDING A SPECTACLE OPHTHALMIC LENS BY CALCULATING OR SELECTING A DESIGN**
[54] **PROCEDE POUR PRODUIRE UNE LENTILLE OPHTALMOLOGIQUE POUR LUNETTES PAR CALCUL OU SELECTION D'UNE CONFIGURATION**
[72] MARIN, GILDAS, FR
[72] HERNANDEZ, MARTHA, FR
[72] BONNIN, THIERRY, FR
[73] ESSILOR INTERNATIONAL, FR
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[54] **METHODS, COMPOSITIONS AND SYSTEMS FOR CONTROLLING FOULING OF A MEMBRANE**
[54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR CONTROLER LE SALISSEMENT D'UNE MEMBRANE**
[72] DRAHOS, DAVID, US
[72] PETERSEN, SVEND, DK
[73] NOVOZYMES BIOLOGICALS, INC., US
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[54] **SYSTEMS, APPARATUSES, AND METHODS FOR TREATING TISSUE AND CONTROLLING STENOSIS**
[54] **SYSTEMES, APPAREILS ET PROCEDES POUR TRAITER UN TISSU ET CONTROLER UNE STENOSE**
[72] DIMMER, STEVEN C., US
[72] MAYSE, MARTIN L., US
[72] DEEM, MARK, US
[72] GIFFORD, HANSON S., III, US
[73] NUVAIRA, INC., US
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[54] **POTENTIALISATEUR D'EFFET ANTICANCEREUX**
[72] FUKUOKA, MASAYOSHI, JP
[72] YOKOGAWA, TATSUSHI, JP
[72] MIYAHARA, SEIJI, JP
[72] MIYAKOSHI, HITOSHI, JP
[72] YANO, WAKAKO, JP
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[54] **SYSTEME DE TRANSFERT DE MATERIEL**
[72] ANDERSON, NOEL W., US
[73] DEERE & COMPANY, US
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[54] **THERAPIES FOR PREVENTING OR SUPPRESSING CLOSTRIDIUM DIFFICILE INFECTION**
[54] **THERAPIES DE PREVENTION OU DE SUPPRESSION D'INFECTION PAR CLOSTRIDIUM DIFFICILE**
[72] SHONE, CLIFFORD, GB
[72] ROBERTS, APRIL, GB
[72] LANDON, JOHN, GB
[73] MICROPHARM LIMITED, GB
[73] SECRETARY OF STATE FOR HEALTH, GB
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[54] **DISTRIBUTEUR DE CONTENANTS**
[72] ATTREE, JULIAN, CA
[72] TEPIC, MARINKO, CA
[73] MINUS FORTY HOLDINGS CORP., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR COUPLING PIPE WITH ANGLED COUPLING MECHANISM**
[54] **SYSTEMES ET METHODES DE RACCORDEMENT DE CONDUITES AVEC MECANISME DE CONNEXION A ANGLE**
[72] FICKER, JAMES JOSEPH, US
[72] VANHOOSE, BILL RUSSELL, US
[72] ATCHISON, OWEN MICHAEL, US
[72] PIAZZA, NICHOLAS JAMES, US
[72] WARDEN, JEFFREY ALAN, US
[73] ADVANCED DRAINAGE SYSTEMS, INC., US
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[25] EN
[54] **CONTAINER FOR A SUPPLY UNIT, OXYGEN SUPPLY DEVICE AND PASSENGER SUPPLY UNIT AND SYSTEM OF AN ARRANGEMENT OF A NUMBER OF CONTAINERS**
[54] **CONTENANT POUR MODULE D'ALIMENTATION, DISPOSITIF D'ALIMENTATION EN OXYGENE, MODULE D'ALIMENTATION POUR PASSAGER ET SYSTEME COMPORTANT UN ARRANGEMENT DE PLUSIEURS CONTENANTS**
[72] BOOMGAARDEN, GUENTER, DE
[72] NIEDOSTATEK, MARK, DE
[72] RITTNER, WOLFGANG, DE
[72] WEINMANN, HASSO, DE
[72] MECKES, RUEDIGER, DE
[73] ZODIAC AEROTECHNICS, FR
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[13] C
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[25] EN
[54] **WASH SOLUTION AND METHOD FOR AFFINITY CHROMATOGRAPHY**
[54] **SOLUTION DE LAVAGE ET PROCEDE POUR CHROMATOGRAPHIE D'AFFINITE**
[72] FRAUENSCHUH, ACHIM, CH
[72] BILL, KURT, CH
[73] NOVARTIS AG, CH
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[25] EN
[54] **LOCATION DETECTION IN A WIRELESS NETWORK**
[54] **DETECTION D'EMPLACEMENT DANS UN RESEAU SANS FIL**
[72] NIXON, MARK, US
[72] KARSCHNIA, ROBERT, US
[72] ROTVOLD, ERIC, US
[72] SCHLIESS, TREVOR DUNCAN, US
[72] CHEN, DEJI, US
[73] ROSEMOUNT INC., US
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[54] **PROTECTION OF LIQUID FUELS**
[54] **PROTECTION DE COMBUSTIBLES LIQUIDES**
[72] MARTIN, DAVID WILLIAM, GB
[72] POSSELT, DIETMAR, DE
[72] OETTER, GUENTER, DE
[72] KIEFER, MATTHIAS, DE
[73] PALOX LIMITED, CY
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING MEDIA GUIDANCE APPLICATION FUNCTIONALITY USING A WIRELESS COMMUNICATIONS DEVICE**
[54] **SYSTEMES ET PROCEDES POUR PROCURER UNE FONCTION D'APPLICATION DE GUIDAGE MULTIMEDIA EN UTILISANT UN DISPOSITIF DE COMMUNICATIONS SANS FIL**
[72] TAM, TERRY, CN
[72] SO, JERRY, CN
[72] WONG, DICK, CN
[72] WONG, KA CHUN, CN
[72] CHUNG, DAVID, US
[72] TSUI, JASON, CN
[73] ROVI GUIDES, INC., US
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[54] **POLE CLIMBING FALL PREVENTION ASSEMBLY**
[54] **ENSEMBLE DE PREVENTION DES CHUTES LORS DE L'ESCALADE D'UN MAT**
[72] PETTY, CLIFFORD D., US
[72] PERNER, JUDD J., US
[72] SCHLANGEN, DAVID A., US
[73] D B INDUSTRIES, LLC, US
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[30] US (61/382,565) 2010-09-14
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[51] **Int.Cl. G06Q 10/00 (2012.01) G11C 15/00 (2006.01)**
[25] EN
[54] **ASSOCIATIVE MEMORY TECHNOLOGY FOR ANALYSIS OF REQUESTS FOR PROPOSAL**
[54] **TECHNOLOGIE DE MEMOIRE ASSOCIATIVE POUR L'ANALYSE DE DEMANDES DE PROPOSITION**
[72] ARNOLD, WILLIAM G., US
[72] WARN, BRIAN, US
[72] WHELAN, JOHN, US
[72] FLORES, JAIME ANTONIO, JR., US
[73] THE BOEING COMPANY, US
[86] (2786355)
[87] (2786355)
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[25] EN
[54] **BEVERAGE MACHINE WITH REMOVABLE LIQUID SUPPLY RESERVOIR**
[54] **MACHINE A BOISSON COMPRENANT UN RESERVOIR AMOVIBLE D'APPROVISIONNEMENT EN LIQUIDE**
[72] MOERI, PETER, CH
[72] GAVILLET, GILLES, CH
[73] NESTEC S.A., CH
[85] 2012-07-12
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[25] EN
[54] **ENGINEERED LANDING PADS FOR GENE TARGETING IN PLANTS**
[54] **SITES D'ENTREE GENETIQUEMENT MODIFIES POUR CIBLAGE DE GENES DANS DES PLANTES**
[72] AINLEY, WILLIAM MICHAEL, US
[72] BLUE, RYAN C., US
[72] MURRAY, MICHAEL G., US
[72] CORBIN, DAVID RICHARD, US
[72] MILES, REBECCA RUTH, US
[72] WEBB, STEVEN R., US
[73] DOW AGROSCIENCES LLC, US
[85] 2012-07-19
[86] 2011-01-21 (PCT/US2011/022145)
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[54] **VACUUM CLEANER WITH NOISE REDUCTION RECESSES**
[54] **ASPIRATEUR MUNI DE SECTIONS EN RETRAIT PERMETTANT DE REDUIRE LE BRUIT**
[72] NORELL, NEIL N., US
[72] YURKO, MICHAEL Z., US
[73] SHOP VAC CORPORATION, US
[86] (2788279)
[87] (2788279)
[22] 2012-08-29
[30] US (13/450,068) 2012-04-18

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[51] **Int.Cl. B01J 19/32 (2006.01) C01B 3/34 (2006.01) C01B 3/38 (2006.01)**
[25] FR
[54] **REACTOR EXCHANGER FOR THE PRODUCTION OF HYDROGEN WITH BUILT-IN STEAM GENERATION BEAM**
[54] **REACTEUR ECHANGEUR POUR LA PRODUCTION D'HYDROGENE AVEC FAISCEAU DE GENERATION VAPEUR INTEGRE**
[72] BOYER, CHRISTOPHE, FR
[72] GIROUDIERE, FABRICE, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2788469)
[87] (2788469)
[22] 2012-08-21
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[25] EN
[54] **IDENTIFICATION OF LKB1 MUTATION AS A PREDICTIVE BIOMARKER FOR SENSITIVITY TO TOR KINASE INHIBITORS**
[54] **IDENTIFICATION D'UNE MUTATION LKB1 COMME BIOMARQUEUR DE PREDICTION DE SENSIBILITE A DES INHIBITEURS DE KINASE TOR**
[72] SANKAR, SABITA, US
[72] CHOPRA, RAJESH, US
[72] XU, WEIMING, US
[72] NING, YUHONG, US
[72] XU, SHUICHAN, US
[73] SIGNAL PHARMACEUTICALS, LLC, US
[85] 2012-07-31
[86] 2011-02-03 (PCT/US2011/023524)
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[30] US (61/301,150) 2010-02-03
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[25] EN
[54] **PROCESS FOR OBTAINING ANTIBODIES**
[54] **PROCEDE PERMETTANT D'OBTENIR DES ANTICORPS**
[72] BILGISCHER, JEAN-PASCAL PIERRE, BE
[72] BASSETT, PHILIP JONATHAN, GB
[72] PEARCE-HIGGINS, MARK ROBERT, GB
[72] KENNY, ANDREW JOHN, GB
[73] UCB PHARMA, S.A., BE
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[54] **ILLUMINATED EYEWEAR**
[54] **LUNETTES ECLAIREES**
[72] WATERS, MICHAEL, US
[73] WATERS, MICHAEL, US
[85] 2012-08-09
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[51] **Int.Cl. H01H 71/08 (2006.01)**
[25] EN
[54] **CONTACT ARM ASSEMBLY FOR SWITCHGEAR CIRCUIT BREAKER HAVING IMPROVED COOLING FINS AND CONTACT FINGERS TO MAXIMIZE HEAT REJECTION**
[54] **DISPOSITIF DE BRAS DE CONTACT POUR UN DISJONTEUR D'APPAREILLAGE ELECTRIQUE AYANT DES AILETTES DE REFROIDISSEMENT AMELIOREES ET DES DOIGTS DE CONTACT POUR MAXIMISER LE REJET DE CHALEUR**
[72] FISCHER-CARNE, PATRICK R., US
[72] KARNBACH, ROBERT S., US
[72] PAWAR, RAHUL, US
[73] ABB SCHWEIZ AG, CH
[86] (2790453)
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[25] EN
[54] **PROCESS FOR PRODUCTION OF CADAVERINE**
[54] **PROCEDE POUR LA PRODUCTION DE CADAVERINE**
[72] MIMITSUKA, TAKASHI, JP
[72] SUDA, KAZUMI, JP
[72] SAWAI, HIDEKI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2012-08-22
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[25] EN
[54] **METHODS AND SYSTEMS FOR CONSISTENCY CHECKING AND ANOMALY DETECTION IN AUTOMATIC IDENTIFICATION SYSTEM SIGNAL DATA**
[54] **PROCEDES ET SYSTEMES DE VERIFICATION CONTINUE ET DETECTION D'ANOMALIES DANS LES DONNEES D'UN SYSTEME D'IDENTIFICATION AUTOMATIQUE**
[72] PEACH, ROBERT, CA
[73] EXACTEARTH LTD., CA
[86] (2791395)
[87] (2791395)
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[25] EN
[54] **BODY-ASSOCIATED RECEIVER AND METHOD**
[54] **RECEPTEUR ASSOCIE AU CORPS ET PROCEDE AFFERANT**
[72] ROBERTSON, TIMOTHY, US
[72] OMIDVAR, FATANEH, US
[72] BEHZADI, YASHAR, US
[72] ARNE, LAWRENCE, US
[72] ROWBERRY, KENNETH, US
[72] HUTCHISON, JAMES, US
[72] LEICHNER, ROBERT, US
[72] SAVAGE, GEORGE, US
[72] THOMPSON, ANDREW, US
[72] ZDEBLICK, MARK, US
[72] KREIDLER, MARC, US
[72] HAFEZI, HOOMAN, US
[72] DUCK, ROBERT, US
[73] PROTEUS DIGITAL HEALTH, INC., US
[86] (2792224)
[87] (2792224)
[22] 2009-12-15
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[30] US (61/122,723) 2008-12-15
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[54] **PARALLEL STREAMING**
[54] **TRANSMISSION EN CONTINU PARALLELE**
[72] PARK, ANTHONY N., US
[72] HUNT, NEIL D., US
[72] WEI, WEI, US
[73] NETFLIX, INC., US
[85] 2012-09-11
[86] 2011-03-11 (PCT/US2011/028240)
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[25] EN
[54] **METHOD FOR PRODUCING ASTAXANTHIN BY FERMENTATION**
[54] **PROCEDE DE FABRICATION D'ASTAXANTHINE PAR FERMENTATION**
[72] HIRASAWA, KAZUAKI, JP
[72] SATOH, HIROSHI, JP
[72] YONEDA, HISASHI, JP
[72] YATA, TETSUHISA, JP
[72] AZUMA, MITSUTOSHI, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2012-09-12
[86] 2011-03-15 (PCT/JP2011/056033)
[87] (WO2011/115099)
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[51] **Int.Cl. F24H 9/12 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **RADIANT HEATING SYSTEM AND TURBULENCE CREATING BOILER HOUSING FOR USE THEREIN**
[54] **SYSTEME DE CHAUFFAGE PAR RAYONNEMENT ET CORPS DE CHAUDIERE PRODUISANT DE LA TURBULENCE A UTILISER DANS CELUI-CI**
[72] KING, RAY, CA
[73] DYNACURRENT TECHNOLOGIES, INC., CA
[86] (2793130)
[87] (2793130)
[22] 2012-10-17
[30] CA (2,783,166) 2012-07-13
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[54] **POLYMORPHIC FORMS OF ST-246 AND METHODS OF PREPARATION**
[54] **FORMES POLYMORPHES ST-246 ET PROCEDES DE PREPARATION**
[72] TYAVANAGIMATT, SHANTHAKUMAR R., US
[72] STONE, MELIALANI A.C.L., US
[72] WEIMERS, WILLIAM C., US
[72] NELSON, DYLAN, US
[72] BOLKEN, TOVE C., US
[72] HRUBY, DENNIS E., US
[72] O'NEILL, MICHAEL H., US
[72] SWEETAPPLE, GARY, US
[72] MCCLOUGHAN, KELLEY A., US
[73] SIGA TECHNOLOGIES, INC., US
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[54] **COMPOSITE MATERIALS**
[54] **MATERIAUX COMPOSITES**
[72] WHITER, MARK, GB
[73] HEXCEL COMPOSITES LIMITED, GB
[85] 2012-09-20
[86] 2011-03-24 (PCT/GB2011/050597)
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[30] GB (1005103.5) 2010-03-26

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[51] **Int.Cl. H02J 7/00 (2006.01) B60W 10/24 (2006.01)**
[25] EN
[54] **GRID REGULATION SERVICES FOR ENERGY STORAGE DEVICES BASED ON GRID FREQUENCY**
[54] **SERVICES DE REGULATION DU RESEAU ELECTRIQUE DESTINES A DES DISPOSITIFS DE STOCKAGE D'ENERGIE BASES SUR LA FREQUENCE DU RESEAU ELECTRIQUE**
[72] PRATT, RICHARD M., US
[72] HAMMERSTROM, DONALD J., US
[72] KINTNER-MEYER, MICHAEL C.W., US
[72] TUFFNER, FRANCIS K., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[25] EN
[54] **NON-TOXIC, HEAVY-METAL FREE SENSITIZED EXPLOSIVE PERCUSSION PRIMERS AND METHODS OF PREPARING THE SAME**
[54] **AMORCES DE PERCUSSION EXPLOSIVES SENSIBILISEES, NON TOXIQUES ET SANS METAUX LOURDS, ET LEURS PROCEDES DE PREPARATION**
[72] SANDSTROM, JOEL, US
[72] QUINN, AARON A., US
[72] ERICKSON, JACK, US
[73] VISTA OUTDOOR OPERATIONS LLC, US
[85] 2012-09-27
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[30] US (12/751,607) 2010-03-31

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[54] **ORTHODONTIC TORQUING**
[54] **PHASE DE SERRAGE ORTHODONTIQUE**
[72] GOODMAN, PHILLIP M., US
[73] GOODMAN, PHILLIP M., US
[85] 2012-09-28
[86] 2011-03-31 (PCT/US2011/000583)
[87] (WO2011/126550)
[30] US (61/341,388) 2010-03-31

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[51] **Int.Cl. C22C 23/00 (2006.01)**
[25] EN
[54] **MAGNESIUM-BASED ALLOY WITH SUPERIOR FLUIDITY AND HOT-TEARING RESISTANCE AND MANUFACTURING METHOD THEREOF**
[54] **ALLIAGE A BASE DE MAGNESIUM A FLUIDITE ELEVEE ET RESISTANCE AUX CRIQUES DE SOLIDIFICATION, ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] KIM, SHAE K., KR
[72] SEO, JUNG HO, KR
[73] KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY, KR
[73] EMK CO., LTD., KR
[85] 2012-09-27
[86] 2011-03-23 (PCT/KR2011/002000)
[87] (WO2011/122786)
[30] KR (10-2010-0028134) 2010-03-29
[30] KR (10-2010-0028163) 2010-03-29
[30] KR (10-2010-0133880) 2010-12-23

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[51] **Int.Cl. C12P 7/10 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE TREATMENT OF BIOMASS**
[54] **SYSTEME POUR LE TRAITEMENT DE BIOMASSE**
[72] CARLSON, DAVID CHARLES, US
[73] POET RESEARCH, INC., US
[85] 2012-10-04
[86] 2011-03-18 (PCT/US2011/029047)
[87] (WO2011/116317)
[30] US (61/315,830) 2010-03-19

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[54] **HPV PARTICLES AND USES THEREOF**
[54] **PARTICULES HPV ET UTILISATIONS ASSOCIEES**
[72] COURSAGET, PIERRE L., FR
[72] TOUZE, ANTOINE A., FR
[72] FLEURY, MAXIME J. J., FR
[72] COMBELAS, NICOLAS, FR
[72] DE LOS PINOS, ELISABET, US
[73] INSERM, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[73] AURA BIOSCIENCES, INC., US
[85] 2012-10-09
[86] 2009-07-24 (PCT/US2009/004299)
[87] (WO2010/120266)
[30] US (61/168,914) 2009-04-13

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[25] EN
[54] **TRUCK-MOUNTED VIBRATORY SOURCE AND METHOD**
[54] **SOURCE VIBRATOIRE FIXEE A UN CAMION ET PROCEDE**
[72] CARADEC, GILLES, FR
[72] BUTTIN, PASCAL, FR
[73] SERCEL, FR
[86] (2796532)
[87] (2796532)
[22] 2012-11-20
[30] EP (11306608.8) 2011-12-02

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[13] C
[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **OPTICAL COMBINER FOR COMBINING MULTIPLE LASER BEAMS IN A FLOW CYTOMETER**
[54] **COMBINATEUR OPTIQUE POUR LA COMBINAISON DE MULTIPLES FAISCEAUX LASER DANS UN CYTOMETRE DE FLUX**
[72] HUNTER, SUSAN, US
[72] FOX, DANIEL N., US
[72] SADEH, TIDHAR, US
[72] OTTENBERG, MATTHIAS J. G., US
[72] RALEY, KEVIN P., US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2012-10-22
[86] 2011-05-03 (PCT/US2011/035075)
[87] (WO2011/140153)
[30] US (61/330,849) 2010-05-03

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[13] C
[51] **Int.Cl. C07D 239/47 (2006.01) A01N 43/54 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **N3-SUBSTITUTED-N1-SULFONYL-5-FLUOROPYRIMIDINONE DERIVATIVES**
[54] **DERIVES N3-SUBSTITUE-N1-SULFONYL-5-FLUOROPYRIMIDINONE**
[72] BOEBEL, TIMOTHY, US
[72] LORSBACH, BETH, US
[72] MARTIN, TIMOTHY, US
[72] OWEN, W. JOHN, US
[72] SULLENBERGER, MICHAEL, US
[72] WEBSTER, JEFFERY, US
[72] YAO, CHENGLIN, US
[73] ADAMA MAKHTESHIM LTD., IL
[85] 2012-10-23
[86] 2011-04-20 (PCT/US2011/033203)
[87] (WO2011/137002)
[30] US (61/327,855) 2010-04-26

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[72] MACAULEY, MATTHEW, US
[72] NEMAZEE, DAVID, US
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[54] **ASPIRATEUR POURVU D'UN CRIBLE**
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[72] BUSS, RANDY L., US
[72] LIU, LI H., US
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[54] **APPARATUS FOR FILTERING AND/OR CONDITIONING AND/OR PURIFYING A FLUID SUCH AS WATER**
[54] **APPAREIL DE FILTRATION ET/OU DE TRAITEMENT ET/OU DE PURIFICATION D'UN FLUIDE TEL QUE L'EAU**
[72] BEISWENGER, CARL, US
[72] WILLIAMS, RICHARD T., US
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[54] **IMAGE CODING AND DECODING MULTIPLE INTRA PREDICTION MODES CODED WITH CONTEXT-DEPENDENT PORTIONS USING VARIABLE AND FIXED PROBABILITIES**
[54] **MODES D'INTRAPREDICTION A MULTIPLES CODAGES ET DECODAGES D'IMAGE CODES AVEC DES PARTIES DEPENDANTES DU CONTEXTE AU MOYEN DE PROBABILITES VARIABLES ET FIXES**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'EXCAVATION DE CELLULES CANCEREUSES**
[72] BELLAMKONDA, RAVI V., US
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[73] CHILDREN'S HEALTHCARE OF ATLANTA, INC., US
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[54] **AGGLOMERATS DE GRAPHITE EXPANSE BROYES, LEURS PROCEDES DE PREPARATION ET APPLICATIONS**
[72] GRIVEI, EUSEBIU, BE
[72] ROTA, FABIO, CH
[72] RIETSCH, JEAN-CHRISTOPHE, CH
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[72] GILARDI, RAFFAELE, CH
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[54] **PROCEDE POUR L'EVALUATION DE THERMOPLASTICITES DU CHARBON ET D'ADDITIF AGGLOMERANT ET PROCEDE DE FABRICATION DE COKE**
[72] DOHI, YUSUKE, JP
[72] SHIMOYAMA, IZUMI, JP
[72] FUKADA, KIYOSHI, JP
[72] YAMAMOTO, TETSUYA, JP
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[54] **APPARATUS FOR PRODUCING A LIQUID CONCENTRATE FROM A DRY MATERIAL**
[54] **APPAREIL POUR LA FABRICATION D'UN CONCENTRE LIQUIDE A PARTIR D'UN MATERIAU SEC**
[72] GAULTNEY, LAWRENCE DOKA, US
[73] FMC CORPORATION, US
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[54] **METHODS AND MEANS FOR CHARACTERIZING ANTIBIOTIC RESISTANCE IN MICROORGANISMS**
[54] **PROCEDES ET MOYENS DE CARACTERISATION D'UNE RESISTANCE A UN ANTIBIOTIQUE DANS DES MICROORGANISMES**
[72] LUIDER, THEO MARTEN, NL
[72] VAN KAMPEN, JEROEN JACOB ALEXANDER, NL
[72] VAN BELKUM, ALEXANDER FRANCISCUS, NL
[72] GOESSENS, WILHELMUS HUBERTUS FRANCISUS, NL
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[54] **AMIDES DE L'ACIDE N-(TETRAZOL-5-YL)- ET N-(TRIAZOL-5-YL)ARYLCARBOXYLIQUE, ET LEUR UTILISATION COMME HERBICIDES**
[72] BRAUN, RALF, DE
[72] KOEHN, ARNIM, DE
[72] VAN ALMSICK, ANDREAS, DE
[72] AHRENS, HARTMUT, DE
[72] DOERNER-RIEPING, SIMON, DE
[72] WILLMS, LOTHAR, DE
[72] HAEUSER-HAHN, ISOLDE, DE
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[54] **ELEMENT DE TRANSPORT COMPATIBLE ANTISTATIQUE ET PARAFOUDRE**
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[72] MEDERSKI, WERNER, DE
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[73] MERCK PATENT GMBH, DE
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[54] **TRANSPORT DE DONNEES AUXILIAIRES DANS DES SIGNAUX AUDIO**
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[73] LINEAR ACOUSTIC, INC., US
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[54] **METHOD FOR PRODUCING UREA FERTILIZER WITH LOW MOISTURE ABSORPTION TENDENCIES**
[54] **PROCEDE DE PRODUCTION D'ENGRAIS A BASE D'UREE AYANT DE FAIBLES TENDANCES A ABSORBER L'HUMIDITE**
[72] NIEHUES, PAUL, DE
[72] FRANZRAHE, HARALD, DE
[72] POTTHOFF, MATTHIAS, DE
[72] VANMARCKE, LUC ALBERT, BE
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[54] **WASTE PROCESSING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DES DECHETS**
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[73] MASSMELT LTD, GB
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[54] **COMPOSITIONS IMMUNOGENES**
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[72] COSTANTINO, PAOLO, IT
[72] FINCO, ORETTA, IT
[72] GRANDI, GUIDO, IT
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[54] **METHOD FOR IMPROVING THE REMOVAL OF WATER**
[54] **PROCEDE D'AMELIORATION DE L'ELIMINATION DE L'EAU**
[72] LAINE, JANNE, FI
[72] TAIPALE, TERO, FI
[72] KAJANTO, ISKO, FI
[73] UPM-KYMMENE CORPORATION, FI
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[54] **VETEMENT PIQUE AVEC OUVERTURE INTEGREE A UN MODELE PIQUE ET PROCEDE DE FABRICATION**
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[54] **SURGICAL INSTRUMENT WITH SELECTIVELY ARTICULATABLE END EFFECTOR**
[54] **INSTRUMENT CHIRURGICAL AVEC ORGANE EFFECTEUR D'EXTREMITE SELECTIVEMENT ARTICULABLE**
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[72] BAXTER, CHESTER O., III, US
[72] ARONHALT, TAYLOR W., US
[72] YOUNG, JOSEPH E., US
[72] SHELTON, FREDERICK E., IV, US
[72] WORRELL, BARRY C., US
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[54] **APPARATUS FOR MONITORING AN ACTIVITY OF A WELD CELL OF A WELDING SYSTEM**
[54] **APPAREIL PERMETTANT DE SURVEILLER L'ACTIVITE D'UNE CELLULE SOUDEE D'UN SYSTEME DE SOUDAGE AUTOGENE**
[72] HOLVERSON, TODD E., US
[72] GIESE, WILLIAM R., US
[72] KREBS, DOUGLAS W., US
[72] DOBSON, KENNETH S., US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **POUDRES DE POLYMERES TRAITEES THERMIQUEMENT**
[72] BERTELO, CHRISTOPHER A., US
[72] GARCIA-LEINER, MANUEL A., US
[72] DECARMINE, ANTHONY, US
[72] DEFELICE, SCOTT F., US
[73] ARKEMA INC., US
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[54] **SYSTEM AND METHOD FOR PROVIDING FLEXIBLE STORAGE AND RETRIEVAL OF SNAPSHOT ARCHIVES**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER LE STOCKAGE ET LA RECUPERATION FLEXIBLES D'ARCHIVES D'INSTANTANES**
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] MARSHALL, BRAD E., US
[72] CERTAIN, TATE ANDREW, US
[72] MANISCALCO, NICHOLAS J., US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDES DE FABRICATION D'ACETATE DE PHENYLE DE L-ORNITHINE**
[72] ANDERSON, KEITH H., US
[72] BEHLING, JIM, US
[72] DOUGAN, CHRISTINE HENDERSON, GB
[72] WATT, STEPHEN WILLIAM, GB
[72] MANINI, PETER, CH
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[54] **SYSTEM AND METHOD FOR PERFORMING ULTRASONIC PIPELINE WALL PROPERTY MEASUREMENTS**
[54] **SYSTEME ET PROCEDE POUR REALISER DES MESURES ULTRASONORES DE PROPRIETES DE PAROIS DE CONDUITES**
[72] VOLKER, ARNO WILLEM FREDERIK, NL
[72] BLOOM, JOOST GERARDUS PETRUS, NL
[73] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[25] EN
[54] **METHOD FOR THE PREPARATION OF (3S,3S') 4,4'-DISULFANEDIYLBIS (3-AMINOBUTANE 1-SULFONIC ACID)**
[54] **PROCEDE DE PREPARATION DE (3S,3S')-4,4'-DISULFANEDIYLBIS(ACIDE 3-AMINOBUTANE-1-SULFONIQUE)**
[72] BALAVOINE, FABRICE, FR
[72] MADEC, JONATHAN, FR
[72] SCHNEIDER, JEAN-MARIE, FR
[72] COQUEREL, GERARD, FR
[72] COUVRAT, NICOLAS, FR
[72] CARTIGNY, YOHANN, FR
[72] PETIT, MARIE-NOELLE, FR
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[54] **BRAKE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FREINAGE**
[72] OYAMA, HIROKI, US
[72] BOLAND, MICHAEL JOSEPH, US
[73] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US
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[54] **BARRIERE A LARGEUR REGLABLE**
[72] YATES, ADAM JOHN, GB
[72] DUNN, STEVEN B., US
[72] HATHERILL, MARK A., US
[72] GASTELUM, RODOLFO, US
[72] BIRKERT, THOMAS, US
[73] MUNCHKIN, INC., US
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[54] **MAITRE-CYLINDRE DE FREIN HYDRAULIQUE AYANT UNE BAGUE D'APPUI**
[72] GOHR, JEFFREY S., US
[72] AHOLA, VESA, US
[72] DIMSEY, JAMES, US
[73] HB PERFORMANCE SYSTEMS, INC., US
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[25] EN
[54] **LIQUID COLLECTION AND DISTRIBUTION DEVICE FOR MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME**
[54] **DISPOSITIF DE COLLECTE ET DE DISTRIBUTION DE LIQUIDE DESTINE A UNE COLONNE DE TRANSFERT DE MASSE ET PROCESSUS IMPLIQUANT CELUI-CI**
[72] HEADLEY, DARRAN MATTHEW, US
[72] EWY, DAVID RAY, US
[73] KOCH-GLITSCH, LP, US
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[54] **ANALYTE SENSORS, METHODS FOR PREPARING AND USING SUCH SENSORS, AND METHODS OF DETECTING ANALYTE ACTIVITY**
[54] **DETECTEURS D'ANALYTE, METHODES DE PREPARATION ET D'UTILISATION DE CES DETECTEURS, ET METHODES DE DETECTION DE L'ACTIVITE D'UN ANALYTE**
[72] YANG, JENNY JIE, US
[72] TANG, SHEN, US
[73] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2013-04-17
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[54] **SYSTEME D'ALARMES POUR MALADIES INFECTIEUSES**
[72] ROSENBERG, MITCHELL, US
[73] ROSENBERG, MITCHELL, US
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[25] EN
[54] **FVIII PEPTIDES FOR IMMUNE TOLERANCE INDUCTION AND IMMUNODIAGNOSTICS**
[54] **PEPTIDES FVIII POUR INDUCTION DE TOLERANCE IMMUNITAIRE ET IMMUNODIAGNOSTIC**
[72] STEINITZ, KATHARINA NORA, AT
[72] WILHELMINA VAN HELDEN, PAULA MARIA, NL
[72] REIPERT, BIRGIT MARIA, AT
[72] SCHWARZ, HANS-PETER, AT
[72] EHRLICH, HARTMUT, AT
[73] BAXALTA INCORPORATED, US
[73] BAXALTA GMBH, CH
[85] 2013-04-18
[86] 2011-10-27 (PCT/US2011/058165)
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[25] FR
[54] **METHOD FOR DECONTAMINATING STARCH HYDROLYSATES FOR THE PREPARATION OF GLUCOSE POLYMERS FOR PERITONEAL DIALYSIS**
[54] **PROCEDE DE DECONTAMINATION D'HYDROLYSATS D'AMIDON POUR LA PREPARATION DE POLYMERES DE GLUCOSE DESTINES A LA DIALYSE PERITONEALE**
[72] DUFLOT, PIERRICK, FR
[72] PASSE, DAMIEN, FR
[72] VERRIN, JEAN-MARC, FR
[73] ROQUETTES FRERES, FR
[85] 2013-04-26
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[54] **HYDROXYLATED AMINOTRIAZOLE DERIVATIVES AS ALX RECEPTOR AGONISTS**
[54] **DERIVES D'AMINOTRIAZOLE HYDROXYLES CONVENANT COMME AGONISTES DU RECEPTEUR ALX**
[72] BUR, DANIEL, CH
[72] CORMINBOEUF, OLIVIER, CH
[72] CREN, SYLVAINE, CH
[72] GRISOSTOMI, CORINNA, CH
[72] LEROY, XAVIER, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2013-04-29
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[25] EN
[54] **METHOD FOR DETECTION AND LOCALIZATION OF A FLUID LEAK RELATED TO A PISTON MACHINE**
[54] **PROCEDE DE DETECTION ET DE LOCALISATION D'UNE FUITE DE FLUIDE ASSOCIEE A UNE MACHINE A PISTON**
[72] KYLLINGSTAD, AGE, NO
[72] NESSJOEN, PAL JAKOB, NO
[73] NATIONAL OILWELL VARCO NORWAY AS, NO
[85] 2013-04-30
[86] 2011-11-18 (PCT/NO2011/000322)
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[54] **INHIBITEURS SELECTIFS DE LA GLYCOSIDASE ET UTILISATIONS DE CEUX-CI**
[72] LIU, KUN, US
[72] SELNICK, HAROLD G., US
[72] CHANG, JIANG, CN
[72] MCEACHERN, ERNEST J., CA
[72] MU, CHANGWEI, CN
[72] SHI, FENG, CN
[72] VOCADLO, DAVID J., CA
[72] WANG, YAODE, CN
[72] WEI, ZHONGYONG, CN
[72] ZHOU, YUANXI, CA
[72] ZHU, YONGBAO, CA
[73] ALECTOS THERAPEUTICS INC., CA
[73] MERCK SHARP & DOHME CORP., US
[85] 2013-05-02
[86] 2011-11-08 (PCT/US2011/059668)
[87] (WO2012/064680)
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[54] **TOUCH CONTROL METHOD AND PORTABLE TERMINAL SUPPORTING THE SAME**
[54] **PROCEDE DE REGULATION DE CONTACT ET TERMINAL PORTABLE LE PRENANT EN CHARGE**
[72] BAEK, SUNG HWAN, KR
[72] CHUNG, DO HEE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-05-03
[86] 2011-10-31 (PCT/KR2011/008179)
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[30] US (61/409,669) 2010-11-03
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[51] **Int.Cl. C25C 3/00 (2006.01) C22B 34/12 (2006.01) C25C 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ELECTROLYTICALLY REDUCING A SOLID FEEDSTOCK**
[54] **PROCEDE ET SYSTEME DE REDUCTION ELECTROLYTIQUE D'UNE CHARGE D'ALIMENTATION SOLIDE**
[72] DUDLEY, PETER G, GB
[72] WRIGHT, ALLEN RICHARD, GB
[73] METALYSIS LIMITED, GB
[85] 2013-05-08
[86] 2011-11-18 (PCT/GB2011/001631)
[87] (WO2012/066299)
[30] GB (1019572.5) 2010-11-18
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[13] C
[51] **Int.Cl. H04W 76/28 (2018.01)**
[25] EN
[54] **MANAGING WIRELESS COMMUNICATIONS USING DISCONTINUOUS RECEPTION**
[54] **GESTION DE COMMUNICATIONS SANS FIL AU MOYEN DE LA RECEPTION DISCONTINUE**
[72] ANDERSON, NICHOLAS WILLIAM, GB
[72] YOUNG, GORDON PETER, GB
[72] BURBIDGE, RICHARD CHARLES, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-09
[86] 2011-11-11 (PCT/EP2011/069938)
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[25] EN
[54] **DECORATIVE AND/OR SECURE ELEMENT FOR HOMOGENEOUS CARD CONSTRUCTION**
[54] **ELEMENT DECORATIF ET/OU DE SECURITE POUR CONSTRUCTION DE CARTE HOMOGENE**
[72] CRAWFORD-TAYLOR, SHANNON K., US
[72] SZUMSKI, DANIEL M., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-05-08
[86] 2011-11-15 (PCT/US2011/060800)
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[51] **Int.Cl. H04W 76/28 (2018.01) H04W 72/02 (2009.01)**
[25] EN
[54] **MANAGING COMMUNICATIONS ACROSS A WIRELESS NETWORK USING DISCONTINUOUS RECEPTION**
[54] **GESTION DES COMMUNICATIONS DANS UN RESEAU SANS FIL AU MOYEN DE LA RECEPTION DISCONTINUE**
[72] ANDERSON, NICHOLAS WILLIAM, GB
[72] YOUNG, GORDON PETER, GB
[72] BURBIDGE, RICHARD CHARLES, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-10
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[25] EN
[54] **ORALLY ADMINISTERED PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF IRRITABLE BOWEL SYNDROME, COMPRISING AN INTESTINAL MOTILITY MODIFIER, AN AGENT THAT PREVENTS GAS RETENTION, ANDDIGESTIVE ENZYMES, AND PREPARATION METHOD THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A L'ADMINISTRATION PAR VOIE ORALE ET UTILE POUR LE TRAITEMENT DU SYNDROME DE L'INTESTIN IRRITABLE, CONSTITUEE D'UN MODIFICATEUR DE LA MOTILITE INTESTINALE, D'UN AGENT EMPECHANT LA RETENTION DES GAZ ET D'ENZYMES DIGESTIVES, PROCEDE DE PREPARATION DE LADITE COMPOSITION**
[72] BERNARDO ESCUDERO, ROBERTO, MX
[72] SAVOIR VILBOEUF, JOHN CLAUDE, MX
[73] POSI VISIONARY SOLUTIONS LLP, GB
[85] 2013-05-15
[86] 2011-11-15 (PCT/MX2011/000138)
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[51] **Int.Cl. C07D 301/04 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING THE VALUE OF AN ALKYLENE OXIDE PRODUCTION PARAMETER IN A PROCESS OF MAKING AN ALKYLENE OXIDE USING A HIGH EFFICIENCY CATALYST**
[54] **PROCEDE DE REDUCTION DE LA VALEUR D'UN PARAMETRE DE PRODUCTION D'OXYDE D'ALKYLENE DANS UN PROCEDE DE FABRICATION D'UN OXYDE D'ALKYLENE EN UTILISANT UN CATALYSEUR A EFFICACITE ELEVEE**
[72] ZHANG, LIPING, US
[72] TUPE, RAVINDRA, FI
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2013-05-17
[86] 2011-12-09 (PCT/US2011/064077)
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[30] US (61/421,968) 2010-12-10

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[25] EN
[54] **CONTAINER FOR MEDICAL ACCESSORY PROCESSING**
[54] **CONTENANT POUR TRAITEMENT D'ACCESSOIRES MEDICAUX**
[72] MASON, DAVID ROBERT, GB
[73] CANTEL (UK) LIMITED, GB
[85] 2013-05-21
[86] 2011-10-14 (PCT/GB2011/052000)
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[51] **Int.Cl. G06K 9/18 (2006.01) G06F 21/45 (2013.01)**
[25] EN
[54] **FACILITATING USER SUPPORT OF ELECTRONIC DEVICES USING DYNAMIC MATRIX CODE GENERATION**
[54] **FACILITATION D'ASSISTANCE UTILISATEUR DE DISPOSITIFS ELECTRONIQUES A L'AIDE DE GENERATION DE CODE DE MATRICE DYNAMIQUE**
[72] DUGAN, MICHAEL T., US
[72] MINNICK, DAN J., US
[72] GOMEZ, MARK, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-05-21
[86] 2011-11-09 (PCT/US2011/059977)
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[51] **Int.Cl. C07C 319/06 (2006.01) C07C 323/40 (2006.01) C07C 327/30 (2006.01) C07D 277/64 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF S-[2-[1-(2-ETHYLBUTYL)CYCLOHEXANECARBONYLAMINO]-PHENYL]-2-METHYLTHIOPROPIONATE AND DERIVATIVES THEREOF BY HYDROGENATION OF DISULFIDE PRECURSORS**
[54] **PROCEDE DE PREPARATION DE S-[2-[1-(2-ETHYLBUTYL)CYCLOHEXANECARBONYLAMINO]-PHENYL]-2-METHYLTHIOPROPIONATE ET SES DERIVES PAR HYDROGENATIONDE PR ECURSEURS DISULFURES**
[72] MAIR, HANS-JUERGEN, DE
[72] REENTS, REINHARD, CH
[72] SCALONE, MICHELANGELO, CH
[72] WANG, SHAONING, CH
[72] ZOGG, ANDREAS, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-05-21
[86] 2011-12-12 (PCT/EP2011/072470)
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[54] **CARACTERISATION DE FRACTURES**
[72] MCEWEN-KING, MAGNUS, GB
[72] HILL, DAVID JOHN, GB
[72] MOLENAAR, MENNO MATHIEU, NL
[73] OPTASENSE HOLDINGS LIMITED, GB
[85] 2013-05-27
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[25] EN
[54] **MOVING PICTURE DECODING METHOD, MOVING PICTURE CODING METHOD, MOVING PICTURE DECODING APPARATUS, MOVING PICTURE CODING APPARATUS, AND MOVING PICTURE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE DECODAGE DE VIDEO ANIMEE, PROCEDE DE CODAGE DE VIDEO ANIMEE, APPAREIL DE DECODAGE DE VIDEO ANIMEE, APPAREIL DE CODAGE DE VIDEO ANIMEE ET APPAREIL DE CODAGE/DECODAGE DEVIDEO ANIMEE**
[72] WAHADANIAH, VIKTOR, SG
[72] LIM, CHONG SOON, SG
[72] NAING, SUE MON THET, SG
[72] JING, XUAN, SG
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[73] SUN PATENT TRUST, US
[85] 2013-05-27
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[51] **Int.Cl. B02C 13/09 (2006.01) B02C 13/26 (2006.01)**
[25] FR
[54] **IMPACT MILL HAVING A ROTOR-POSITIONING DEVICE**
[54] **BROYEUR A PERCUSSION A DISPOSITIF DE POSITIONNEMENT DU ROTOR**
[72] FAURE, THIERRY, FR
[73] METSO MINERALS (FRANCE) SA, FR
[85] 2013-05-30
[86] 2012-01-24 (PCT/FR2012/050148)
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[30] FR (1150701) 2011-01-31

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[51] **Int.Cl. A61B 17/3209 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CUTTING A TENDON**
[54] **APPAREIL ET METHODE DE SECTION D'UN TENDON**
[72] GEDET, PHILIPPE, CH
[72] APPENZELLER, ANDREAS, CH
[72] FLURI, DANIEL, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2013-05-30
[86] 2011-11-21 (PCT/US2011/061706)
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[51] **Int.Cl. F16L 55/172 (2006.01)**
[25] FR
[54] **DEVICE FOR SEALING A LEAK IN A FLUID-TRANSPORT PIPE**
[54] **DISPOSITIF DE COLMATAGE DE FUITE DANS UNE CANALISATION DE TRANSPORT DE FLUIDE**
[72] BOULET D'AURIA, STANISLAS, FR
[73] 3X ENGINEERING, FR
[85] 2013-05-31
[86] 2011-12-06 (PCT/FR2011/052877)
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[30] FR (1004758) 2010-12-07

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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **OPERATION SCHEDULER FOR A BUILDING AUTOMATION SYSTEM**
[54] **PLANIFICATEUR D'OPERATIONS DESTINE A UN SYSTEME IMMOTIQUE**
[72] SPEARS, LONNIE DOUGLAS, US
[72] KOERNER, CHARLES JAMES, US
[72] MARCHI, MICHAEL J., US
[72] NICKELS, PATRICK M., US
[72] BAUM, MICHAEL J., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2013-05-31
[86] 2011-12-05 (PCT/US2011/063268)
[87] (WO2012/075485)
[30] US (61/419,370) 2010-12-03
[30] US (13/310,484) 2011-12-02

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[13] C
[51] **Int.Cl. C01B 21/26 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING NITRIC ACID**
[54] **PROCEDE POUR LA PRODUCTION D'ACIDE NITRIQUE**
[72] JOHNSTON, ANTHONY MATTHEW, AU
[72] HAYNES, BRIAN SCOTT, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[73] YARA INTERNATIONAL ASA, NO
[85] 2013-05-31
[86] 2011-12-01 (PCT/AU2011/001555)
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[30] AU (2010905285) 2010-12-01

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[25] EN
[54] **NUCLEIC ACID TARGET DETECTION USING FLUOROPHORE- AND QUENCHER-CONJUGATED OLIGONUCLEOTIDES**
[54] **DETECTION DE CIBLE D'ACIDE NUCLEIQUE EMPLOYANT UN FLUOROPHORE ET DES OLIGONUCLEOTIDES CONJUGUES DE TYPE EXTINCTEUR**
[72] RAZ, TAL, US
[72] MARY, PASCALINE, US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2013-06-04
[86] 2011-12-07 (PCT/US2011/063654)
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[30] US (61/420,747) 2010-12-07

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[13] C
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **ISOFORM ENRICHED ANTIBODY PREPARATION AND METHOD FOR OBTAINING IT**
[54] **PREPARATION D'ANTICORPS ENRICHIE EN ISOFORMES ET SON PROCEDE D'OBTENTION**
[72] FALKENSTEIN, ROBERTO, DE
[72] SCHWENDNER, KLAUS, DE
[72] SPENSBERGER, BERNHARD, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-06-04
[86] 2011-12-19 (PCT/EP2011/073245)
[87] (WO2012/084829)
[30] EP (10196287.6) 2010-12-21

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[13] C
[51] **Int.Cl. A61F 5/08 (2006.01) A61F 5/56 (2006.01)**
[25] EN
[54] **NASAL DILATOR**
[54] **DILATATEUR NASAL**
[72] IERULLI, JOSEPH, US
[73] IERULLI, JOSEPH, US
[85] 2013-06-07
[86] 2011-12-09 (PCT/US2011/064265)
[87] (WO2012/079037)
[30] US (12/964,746) 2010-12-10

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[13] C
[51] **Int.Cl. F28F 1/20 (2006.01)**
[25] EN
[54] **REMOVABLE RADIATOR FIN ASSEMBLY**
[54] **ENSEMBLE D'AILETTES DE RADIATEUR AMOVIBLE**
[72] FANBERG, GORDON B., US
[72] FRANSEN, ROBERT A., US
[73] FAB TEK LOGIC, LLC, US
[86] (2821290)
[87] (2821290)
[22] 2013-07-18
[30] US (61/673,005) 2012-07-18

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[51] **Int.Cl. C11C 5/00 (2006.01)**
[25] EN
[54] **CANDLE WICK AND WICK CLIP**
[54] **MECHE DE BOUGIE ET PINCE DE MECHE**
[72] RAMAKER, JAMES, US
[72] LARSON, BETH A., US
[72] SPANGLER, MARK A., US
[73] SMITH MOUNTAIN INDUSTRIES, INC, US
[85] 2013-06-11
[86] 2011-12-14 (PCT/US2011/064887)
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[30] US (61/422,716) 2010-12-14
[30] US (61/423,877) 2010-12-16
[30] US (61/488,439) 2011-05-20
[30] US (61/499,951) 2011-06-22

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[13] C
[51] **Int.Cl. F16C 19/52 (2006.01) B61B 12/06 (2006.01) B61B 12/10 (2006.01) F16C 21/00 (2006.01) F16C 35/073 (2006.01) F16C 39/02 (2006.01)**
[25] EN
[54] **CABLE TRANSPORTATION SYSTEM WITH AT LEAST ONE HAUL CABLE**
[54] **DISPOSITIF DE TRANSPORT DE CABLE COMPRENANT AU MOINS UN CABLE DE HALAGE**
[72] BACHER, CHRISTIAN, IT
[72] ERHARTER, NIKOLAUS, IT
[73] LEITNER S.P.A., IT
[85] 2013-06-14
[86] 2011-12-15 (PCT/IB2011/055717)
[87] (WO2012/080983)
[30] IT (MI2010A002302) 2010-12-15

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[72] ATWOOD, JOHN, US
[72] CARMICHAEL, SCOTT, US
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[54] **INHIBITEURS BENZIMIDAZOLES DU VIRUS RESPIRATOIRE SYNCYTIAL**
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[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
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[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE LA BIOMASSE**
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[73] BLACKWOOD TECHNOLOGY BV, NL
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[72] MINCHAU, MICHAEL CHARLES, CA
[72] WEBSTER, PAUL SIMON, CA
[72] WILLS, PETER BERKELEY, US
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[54] **ALKYLARENES METALLIQUES ET LEURS PROCEDES DE PREPARATION**
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[72] RENILI, FILIPPO, IT
[72] SOMMAZZI, ANNA, IT
[72] MARCHETTI, FABIO, IT
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[54] **DERIVES SUBSTITUES DE L'ACIDE 3-HETEROAROYLAMINO-PROPIONIQUE ET LEUR UTILISATION COMME COMPOSES PHARMACEUTIQUES**
[72] RUF, SVEN, DE
[72] SADOWSKI, THORSTEN, DE
[72] WIRTH, KLAUS, DE
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[54] **MATERIAUX TEXTILES COMPRENANT DES RUBANS DANS DEUX ORIENTATIONS OBLIQUES ET SON PROCEDE ET SES MOYENS DE PRODUCTION**
[72] KHOKAR, NANDAN, SE
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[54] **SYSTEME DE GENERATION D'AEROSOL AYANT DES MOYENS POUR GERER LA CONSOMMATION D'UN SUBSTRAT LIQUIDE**
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[54] **DISTRIBUTION ET GESTION DE NOTIFICATIONS DE STATUT POUR DE MULTIPLES FORMATS DE MESSAGE**
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[72] KALYANASUNDARAM, SANJAY, US
[72] ROEX, CALVIN, CA
[73] BLACKBERRY LIMITED, CA
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[72] LOHMEYER, MANFRED, DE
[72] BAUCH, HARTMUT, DE
[73] SCHOTT AG, DE
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[72] PALDAN, FRANTISEK, SK
[72] STEININGER, FRANZ, AT
[72] STEINER, STEFAN, AT
[72] FIEDLER, THOMAS, AT
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[73] CADILA PHARMACEUTICALS LIMITED, IN
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[72] KAMATH, HUNDI PANDURANGA, US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[54] **INHIBITEURS DE PYRIMIDINE GYRASE ET TOPOISOMERASE IV**
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[72] GRILLOT, ANNE-LAURE, US
[72] CHARIFSON, PAUL, S., US
[72] BENNANI, YOUSSEF LAAFIRET, CA
[72] O'DOWD, HARDWIN, US
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[54] **ENSEMBLE DE COUPE ET DE COLLECTE DE POUSSIERE OU DE BOUE ET MACHINE-OUTIL**
[72] CARLSSON, PAR, SE
[72] PINZANI, HAKAN, SE
[72] VARELA, PAULO, SE
[73] HUSQVARNA AB, SE
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[54] **FILTRE MULTICOUCHE A LIT MIXTE POUR ELIMINER LES GAZ TOXIQUES PROVENANT DE FLUX D'AIR ET SES PROCEDES**
[72] AIKENS, CHRISTOPHER L., US
[72] KOPER, OLGA B., US
[72] WINECKI, SLAWOMIR, US
[72] QUIRING, AMY ELIZABETH, US
[72] MATYJASZCZYK, MACIEJ STANISLAW, US
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[73] SCENTRICS INFORMATION SECURITY TECHNOLOGIES LTD, GB
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[54] **RACCORDS DE CABLE ELECTRIQUE TUBULAIRE A LIBERATION DE CONTRAINTE**
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[54] **PROCEDE POUR AMELIORER LA DEMANDE EN ENERGIE TOTALE DANS UN PROCEDE DE CAPTURE DE CARBONE POST-COMBUSTION A L'AIDE D'UN ABSORBANT IONIQUE**
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[72] CHINN, DANIEL, US
[72] HE, ZUNQING, US
[72] DAVIS, JAMES H., US
[72] WEST, KEVIN N., US
[72] TIMKEN, HYE HYUNG, US
[72] DRIVER, MICHAEL S., US
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[54] **INHIBITEURS DE BCL-2/BCL-XL ET METHODES THERAPEUTIQUES LES UTILISANT**
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[72] ZHOU, HAIBIN, US
[72] CHEN, JIANFANG, US
[72] AGUILAR, ANGELO, US
[72] MEAGHER, JENNIFER LYNN, US
[72] SUN, DUXIN, US
[72] YANG, CHAO-YIE, US
[72] LIU, LIU, US
[72] BAI, LONGCHUAN, US
[72] MCEACHERM, DONNA, US
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[72] CHEN, ZHONGWEI, CA
[72] CHEN, ZHU, CA
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[54] **DISPOSITIF DE FRITTAGE ET FUSION PAR LASER COMPRENANT UN MOYEN DE CHAUFFAGE DE LA POUDRE PAR INDUCTION**
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[72] MOTTIN, JEAN-BAPTISTE, FR
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[73] M-I L.L.C., US
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[72] RUSTAD, ANDRE M., US
[72] PIERRO, BRIAN W., US
[73] CAREFUSION 207, INC., US
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[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE L'AGGLOMERATION DE SEMENCES**
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[72] CARGEEG, R.D. PIRAN, CA
[73] BECKER-UNDERWOOD, INC., US
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[54] **RAYONNEUR D'UNE MACHINE AGRICOLE A EMPLACEMENTS MULTIPLES POUR LA FIXATION D'UNE ROUE DE JAUGE**
[72] ANDERSON, BRIAN J., US
[72] DIENST, JOHNATHON R., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[72] MAURER, SCOTT M., US
[72] NAGURNY, NICHOLAS J., US
[72] ELLER, MICHAEL R., US
[72] KLETT, JAMES W., US
[73] LOCKHEED MARTIN CORPORATION, US
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[73] SILVENTA S.R.L., IT
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[25] EN
[54] **MATERIALS HANDLING VEHICLE ESTIMATING A SPEED OF A MOVABLE ASSEMBLY FROM A LIFT MOTOR SPEED**
[54] **VEHICULE DE MANIPULATION DE MATERIAUX CONCU POUR ESTIMER LA VITESSE D'UN ENSEMBLE MOBILE A PARTIR DE LA VITESSE DU MOTEUR D'UN APPAREIL DE LEVAGE**
[72] DAMMEYER, KARL L., US
[72] HOLBROOK, ERIC D., US
[72] IHLE, DARRIN R., US
[72] MCCLAIN, MARC A., US
[72] WALTZ, LUCAS B., US
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **ATTACHMENT OF INSULATING PANELS ONTO A SUPPORTING WALL IN A REPEATING PATTERN**
[54] **FIXATION DE PANNEAUX ISOLANTS SUR UNE PAROI PORTEUSE SELON UN MOTIF REPETE**
[72] GAZEAU, JAMES, FR
[73] GAZTRANSPORT ET TECHNIGAZ, FR
[85] 2013-08-02
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[51] **Int.Cl. E03D 11/02 (2006.01) E03D 1/26 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE TOILET WITH RIM-JET CONTROL CAPABLE OF ENHANCED OPERATION AT REDUCED FLUSH VOLUMES**
[54] **TOILETTE A HAUTES PERFORMANCES, A REGULATION DU JET AU NIVEAU DU BORD, DONT LE FONCTIONNEMENT EST AMELIORE A DES VOLUMES DE CHASSE REDUITS**
[72] MCHALE, JAMES, US
[72] BUCHER, CHRISTOPHE, US
[72] GROVER, DAVID, US
[72] ZHOU, JIAN, US
[73] AS IP HOLDCO, L.L.C., US
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[86] 2012-02-03 (PCT/US2012/023888)
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[30] US (61/439,827) 2011-02-04

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[25] EN
[54] **DEVICES AND METHODS FOR TISSUE TRANSFER**
[54] **DISPOSITIFS ET PROCEDES DE TRANSFERT DE TISSU**
[72] GURTNER, GEOFFREY C., US
[72] ROSENTHAL, MICHAEL H., US
[72] DOMECUS, BRIAN J., US
[72] GITTINGS, DARIN, US
[72] HONG, KINMAN, US
[73] LIFECELL CORPORATION, US
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[54] **SELECTIVE FAK INHIBITORS**
[54] **INHIBITEURS SELECTIFS DE FAK**
[72] HOLMES, IAN PETER, AU
[72] BERGMAN, YLVA, AU
[72] LUNNISS, GILLIAN ELIZABETH, AU
[72] NIKAC, MARICA, AU
[72] CHOI, NEIL, AU
[72] HEMLEY, CATHERINE FAE, AU
[72] WALKER, SCOTT RAYMOND, AU
[72] FOITZIK, RICHARD CHARLES, AU
[72] GANAME, DANNY, AU
[72] LESSENE, ROMINA, AU
[73] CANCER THERAPEUTICS CRC PTY LIMITED, AU
[85] 2013-08-12
[86] 2012-02-17 (PCT/GB2012/000176)
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[54] **CLAMPING FIXTURE**
[54] **DISPOSITIF DE SERRAGE**
[72] HEDIGER, HANS, CH
[73] EROWA AG, CH
[86] (2827437)
[87] (2827437)
[22] 2013-09-18
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[54] **IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] TAKAHASHI, YOSHITOMO, JP
[72] HATTORI, SHINOBU, JP
[72] SAKURAI, HIRONARI, JP
[73] SONY CORPORATION, JP
[85] 2013-08-16
[86] 2012-03-09 (PCT/JP2012/056084)
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[30] JP (2011-188815) 2011-08-31
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[25] EN
[54] **METHOD FOR DRY SPINNING NEUTRAL AND ANIONICALLY MODIFIED CELLULOSE AND FIBRES MADE USING THE METHOD**
[54] **PROCEDE DE FILAGE A SEC DE CELLULOSE NEUTRE ET MODIFIEE AU PLAN ANIONIQUE ET FIBRES FABRIQUEES EN UTILISANT LE PROCEDE**
[72] GRAVESON, IAN, GB
[72] TURNER, PHILIP, GB
[73] SAPPI NETHERLANDS SERVICES B.V., NL
[85] 2013-09-04
[86] 2012-03-08 (PCT/EP2012/053987)
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[25] EN
[54] **INTEGRATED FIBER OPTIC MONITORING SYSTEM FOR A WELLSITE AND METHOD OF USING SAME**
[54] **SYSTEME DE CONTROLE A FIBRES OPTIQUES INTEGRE POUR SITE DE PUITS ET SON PROCEDE D'UTILISATION**
[72] PEARCE, JEREMIAH GLEN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2013-09-04
[86] 2012-03-08 (PCT/US2012/028199)
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[25] EN
[54] **ETHYNYL DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF THE MGLUR5**
[54] **DERIVES D'ETHYNYLE COMME MODULATEURS ALLOSTERIQUES POSITIFS DE MGLUR5**
[72] JAESCHKE, GEORG, CH
[72] JOLIDON, SYNESE, CH
[72] LINDEMANN, LOTHAR, CH
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-09-05
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[25] EN
[54] **PYRAZOLIDIN-3-ONE DERIVATIVES**
[54] **DERIVES DE PYRAZOLIDINE-3-ONE**
[72] JAESCHKE, GEORG, CH
[72] JOLIDON, SYNESE, CH
[72] LINDEMANN, LOTHAR, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, FR
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **APPARATUS AND METHOD FOR DAMPING VIBRATION IN A DRILL STRING**
[54] **APPAREIL ET PROCEDE POUR AMORTIR UNE VIBRATION DANS UN TRAIN DE TIGES DE FORAGE**
[72] TURNER, WILLIAM EVANS, US
[72] HUTCHINSON, MARK, US
[72] BOSMAN, DIRK, AE
[72] WASSELL, MARK ELLSWORTH, US
[72] PERRY, CARL ALLISON, US
[72] COBERN, MARTIN E., US
[73] APS TECHNOLOGY, INC., US
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[25] EN
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[54] **CONJUGUES D'AMATOXINE A LIAISONS AMELIOREES**
[72] SIMON, WERNER, DE
[72] LUTZ, CHRISTIAN, DE
[72] MULLER, CHRISTOPH, DE
[72] ANDERL, JAN, DE
[73] HEIDELBERG PHARMA GMBH, DE
[85] 2013-09-09
[86] 2012-03-09 (PCT/EP2012/001072)
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[25] EN
[54] **BEVERAGE PREPARATION DEVICE WITH A DEFORMABLE OUTLET PASSAGE**
[54] **DISPOSITIF DE PREPARATION DE BOISSON DOTE D'UN CONDUIT DE SORTIE DEFORMABLE**
[72] VERDUIN, MENNO ALEXANDER, NL
[72] NOORDANUS, MAXIMILIAAN, NL
[73] BRAVILOR HOLDING B.V., NL
[85] 2013-09-09
[86] 2012-03-06 (PCT/NL2012/050138)
[87] (WO2012/121598)
[30] NL (2006361) 2011-03-09

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[25] EN
[54] **ENANTIOMERS OF FLUCONAZOLE ANALOGUES CONTAINING THIENO-[2,3-D]PYRIMIDIN-4(3H)-ONE MOIETY AS ANTIFUNGAL AGENTS**
[54] **ENANTIOMERES D'ANALOGUES DE FLUCONAZOLE CONTENANT UNE FRACTION THIENO-[2,3-D]PYRIMIDIN-4(3H)-ONE EN TANT QU'AGENTS ANTIFONGIQUES**
[72] BORATE, HANUMANT BAPURAO, IN
[72] SAWARGAVE, SANGMESHWER PRABHAKAR, IN
[72] CHAVAN, SUBHASH PRATAPRAO, IN
[72] CHANDAVARKAR, MOHAN ANAND, IN
[72] IYER, RAMKRISHNAN RAMACHANDRAN, IN
[72] NAWATHYE, VIKAS VASANT, IN
[72] CHAVAN, GAJANAN JALINDAR, IN
[72] TAWTE, AMIT CHANDRAKANT, IN
[72] RAO, DEEPALI DAMODAR, IN
[72] MAUJAN, SULEMAN RIYAJSAHEB, IN
[73] FDC LIMITED, IN
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2013-09-11
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[54] **EAR SCAFFOLD**
[54] **SUPPORT POUR OREILLE**
[72] KANG, NORBERT, GB
[72] HAINES, MARIE-CLAIRE, GB
[73] NORTHWOOD MEDICAL INNOVATION LIMITED, GB
[85] 2013-09-12
[86] 2012-03-28 (PCT/GB2012/000282)
[87] (WO2012/136950)
[30] GB (GB1105744.5) 2011-04-05
[30] GB (GB1105745.2) 2011-04-05
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[25] EN
[54] **PESTICIDAL PYRAZOLE COMPOUNDS**
[54] **COMPOSES DE PYRAZOLE PESTICIDE**
[72] DEFIEBER, CHRISTIAN, DE
[72] SORGEL, SEBASTIAN, DE
[72] SALINGER, DANIEL, DE
[72] LE VEZOUET, RONAN, DE
[72] KORBER, KARSTEN, DE
[72] GROSS, STEFFEN, DE
[72] CULBERTSON, DEBORAH L., US
[72] GUNJIMA, KOSHI, US
[73] BASF SE, DE
[85] 2013-09-13
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[25] EN
[54] **GUANIDINE COMPOUND**
[54] **COMPOSE DE GUANIDINE**
[72] YOSHIHARA, KOUSEI, JP
[72] SUZUKI, DAISUKE, JP
[72] YAMAKI, SUSUMU, JP
[72] YAMADA, HIROYOSHI, JP
[72] MIHARA, HISASHI, JP
[72] SEKI, NORIO, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2013-09-13
[86] 2012-03-13 (PCT/JP2012/056429)
[87] (WO2012/124696)
[30] JP (2011-056031) 2011-03-15

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[25] EN
[54] **APPARATUS FOR HOLDING A CONTAINER**
[54] **APPAREIL DE MAINTIEN DE CONTENANT**
[72] DUNWOODY, PAUL ROBERT, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2013-09-16
[86] 2012-03-06 (PCT/EP2012/053826)
[87] (WO2012/126723)
[30] EP (11158968.5) 2011-03-21

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[51] **Int.Cl. B66C 13/08 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT RELATED TO A ROTATOR**
[54] **PROCEDE ET AGENCEMENT ASSOCIES A UN ROTATEUR**
[72] HARR, JOAKIM, SE
[73] INDEXATOR ROTATOR SYSTEMS AB, SE
[85] 2013-09-17
[86] 2012-03-22 (PCT/SE2012/000042)
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[30] SE (SE 1100225-0) 2011-03-26

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[51] **Int.Cl. F16K 31/02 (2006.01) F16K 35/00 (2006.01) G05B 9/02 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **CONTROL AND SAFETY CIRCUIT FOR GAS DELIVERY VALVES**
[54] **CIRCUIT DE COMMANDE ET DE SECURITE POUR SOUPAPES DE DISTRIBUTION DE GAZ**
[72] VENDRAMINI, ANTONIO, IT
[73] SIT S.P.A., IT
[85] 2013-09-19
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[87] (WO2012/126768)
[30] IT (PD2011A000090) 2011-03-24

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[25] EN
[54] **ANALYTICAL AID WITH HYDROPHILIC COATING CONTAINING NANOPARTICLES WITH SILICA STRUCTURE**
[54] **MOYEN AUXILIAIRE D'ANALYSE A REVETEMENT HYDROPHILE CONTENANT DES NANOPARTICULES A STRUCTURE DE DIOXYDE DE SILICIUM**
[72] GREIWE, PETER, DE
[72] BABIC, BRANISLAV, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-09-19
[86] 2012-03-21 (PCT/EP2012/054993)
[87] (WO2012/126945)
[30] EP (11159172.3) 2011-03-22

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[13] C
[51] **Int.Cl. F03B 13/16 (2006.01)**
[25] EN
[54] **WAVE ENERGY CONVERTER WITH ASYMMETRICAL FLOAT**
[54] **CONVERTISSEUR D'ENERGIE DES VAGUES DOTE D'UN FLOTTEUR ASYMETRIQUE**
[72] TAYLOR, GEORGE W., US
[72] GERBER, JAMES S., US
[73] OCEAN POWER TECHNOLOGIES, INC., US
[85] 2013-09-19
[86] 2011-08-01 (PCT/US2011/001350)
[87] (WO2012/134422)
[30] US (13/065,673) 2011-03-28

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[51] **Int.Cl. A47K 10/34 (2006.01) B65H 16/08 (2006.01)**
[25] EN
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[54] **ENSEMBLE ROULEAU PINCEUR POUR UN DISTRIBUTEUR**
[72] ROZEK, ROY J., US
[72] CASE, ABBY C., US
[73] GPCP IP HOLDINGS LLC, US
[85] 2013-09-24
[86] 2012-03-26 (PCT/US2012/030607)
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[30] US (61/467,247) 2011-03-24

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[51] **Int.Cl. H05K 7/14 (2006.01)**
[25] EN
[54] **CONVERTER ASSEMBLY, METHOD FOR PRODUCING A CONVERTER ASSEMBLY AND METHOD FOR OPERATING A CONVERTER ASSEMBLY**
[54] **ENSEMBLE CONVERTISSEUR, PROCEDE POUR FABRIQUER UN ENSEMBLE CONVERTISSEUR ET PROCEDE POUR FAIRE FONCTIONNER UN ENSEMBLE CONVERTISSEUR**
[72] NIKOLA, JOACHIM, DE
[72] KOLLAR, HANS JURGEN, DE
[72] JANZER, ROLF, DE
[72] MAUCHER, JURGEN, DE
[72] WETZEL, THOMAS, DE
[73] SEW-EURODRIVE GMBH & CO. KG, DE
[85] 2013-09-26
[86] 2012-03-07 (PCT/EP2012/001006)
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[30] DE (10 2011 015 327.6) 2011-03-28

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[25] EN
[54] **HYDROGENATION REFINING CATALYST AND METHOD FOR PRODUCING A HYDROCARBON OIL**
[54] **CATALYSEUR DE RAFFINAGE PAR HYDROGENATION ET PROCEDE DE PRODUCTION D'HUILE D'HYDROCARBURES**
[72] TANAKA, YUICHI, JP
[72] NIITSUMA, TAKUYA, JP
[72] TASAKA, KAZUHIKO, JP
[72] IWAMA, MARIE, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
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[54] **MULTI-LAYER FABRIC**
[54] **TISSU MULTICOUCHE**
[72] USUKI, TSUTOMU, JP
[73] NIPPON FILCON CO., LTD., JP
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[54] **ALLIAGES ALUMINIUM CUIVRE MAGNESIUM PERFORMANTS A HAUTE TEMPERATURE**
[72] POUGET, GAELLE, FR
[72] SIGLI, CHRISTOPHE, FR
[73] CONSTELLIUM ISSOIRE, FR
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[54] **DISPOSITIF POUR DEPLACER DES ELEMENTS DE RECOUVREMENT SERVANT A ISOLER DES BASSINS**
[72] TIMISCHL, KARL, AT
[73] JURSITZKY, HARALD, AT
[73] TIMISCHL, KARL, AT
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[25] EN
[54] **APPARATUS AND PROCESS FOR GASIFICATION OF CARBONACEOUS MATERIALS TO PRODUCE SYNGAS**
[54] **APPAREIL ET PROCEDE POUR LA GAZEIFICATION DE SUBSTANCES CARBONEES POUR PRODUIRE UN GAZ DE SYNTHESE**
[72] BELL, PETER S., US
[72] KO, CHING-WHAN, US
[72] SLAPE, MICHAEL SEAN, US
[72] BRESHEARS, SCOTT, US
[72] OCFEMIA, KIM, US
[73] INEOS BIO SA, CH
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[54] **METHOD AND APPARATUS FOR PARTICLE SEPARATION**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION DE PARTICULES**
[72] BOZZATO, PAOLO, US
[73] ECOMIN SRL, IT
[85] 2013-10-09
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[54] **BIOPSY DEVICE WITH MOTORIZED NEEDLE FIRING**
[54] **DISPOSITIF DE BIOPSIE A DECLENCHEMENT D'AIGUILLE MOTORISE**
[72] FIEBIG, KEVIN M., US
[73] DEVICOR MEDICAL PRODUCTS, INC., US
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[54] **APPARATUS AND METHOD FOR CUTTING PRODUCTS**
[54] **APPAREIL ET PROCEDE DE COUPE DE PRODUITS**
[72] BUCKS, BRENT L., US
[73] FAM, BE
[85] 2013-10-11
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[54] **GARNITURE DE GATEAU AU FROMAGE POUVANT ETRE STOCKEE A TEMPERATURE AMBIANTE**
[72] LIBENS, JO, BE
[72] VANHOVE, MICHEL, BE
[72] SOYEUR, JEAN-LUC, BE
[73] PURATOS N.V., BE
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[54] **BULKHEAD FITTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE DE CLOISON**
[72] IRWIN, JAMES P., US
[72] MINTEER, DAVID W., US
[72] JOHNSON, BENJAMIN A., US
[72] DOWELL, ERIK W., US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **PROCESS FOR PRODUCING RUBBER MIXTURES**
[54] **PROCEDE DE PRODUCTION DE MELANGES DE CAOUTCHOUC**
[72] WIEDEMEIER, MELANIE, DE
[72] WEIDENHAUPT, HERMANN-JOSEF, DE
[72] UNTERBERG, HEINZ, DE
[72] FELDHUES, ULRICH, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
[85] 2013-10-23
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[54] **VIDEO ENCODING METHOD, VIDEO ENCODING DEVICE, VIDEO DECODING METHOD, VIDEO DECODING DEVICE, AND VIDEO ENCODING/DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE VIDEO, DISPOSITIF DE CODAGE DE VIDEO, PROCEDE DE DECODAGE DE VIDEO, DISPOSITIF DE DECODAGE DE VIDEO, ET DISPOSITIF DE CODAGE/DECODAGE DE VIDEO**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
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[25] EN
[54] **HEXAGONAL PRISM-SHAPED ZINC OXIDE PARTICLES AND METHOD FOR PRODUCTION OF THE SAME**
[54] **PARTICULES D'OXYDE DE ZINC EN FORME DE CYLINDRE HEXAGONAL, PROCEDE POUR LES PRODUIRE ET MATIERE COSMETIQUE, CHARGE A DISSIPATION DE CHALEUR, COMPOSITION DE RESINE A DISSIPATION DECHALEUR, GRAISSE A DISSIPATION DE CHALEUR ET COMPOSITION DE REVETEMENT A DISSIPATION DE CHALEUR LES CONTENANT**
[72] SUEDA, SATORU, JP
[72] HASHIMOTO, MITSUO, JP
[72] TERABE, ATSUKI, JP
[72] WATANABE, NOBUO, JP
[72] MAGARA, KOICHIRO, JP
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2013-10-24
[86] 2012-04-26 (PCT/JP2012/061281)
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[25] EN
[54] **DERIVATIVES OF N- [(1H - PYRAZOL - 1 - YL) ARYL] - 1H - INDOLE OR 1H - INDAZOLE - 3 - CARBOXAMIDE, THEIR PREPARATION AND THEIR USE AS P2Y12 ANTAGONISTS**
[54] **DERIVES DE N-[(1H-PYRAZOL-1-YL) ARYL]-1H-INDOLE OU 1H-INDAZOLE-3-CARBOXAMIDE, LEUR PREPARATION ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DE P2Y12**
[72] BADORC, ALAIN, FR
[72] BOLDRON, CHRISTOPHE, FR
[72] DELESQUE, NATHALIE, FR
[72] FOSSEY, VALERIE, FR
[72] LASSALLE, GILBERT, FR
[72] YVON, XAVIER, FR
[73] SANOFI, FR
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[25] EN
[54] **A METHOD AND AN APPARATUS FOR REDUCING THE HEAT LOSS IN A HEATED WORKPIECE**
[54] **PROCEDE ET DISPOSITIF POUR REDUIRE LA PERTE DE CHALEUR D'UNE PIECE CHAUDE**
[72] MATTSSON, PER-ARNE, SE
[73] AUTOMATION, PRESS AND TOOLING, A.P. & T AB, SE
[85] 2013-10-30
[86] 2012-05-22 (PCT/SE2012/000080)
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[51] **Int.Cl. B02C 13/284 (2006.01) B02C 23/16 (2006.01)**
[25] EN
[54] **BOTTOM GRATE OF A CRUSHER OR DRUM CHIPPER AND METHOD OF PRODUCING THE BOTTOM GRATE**
[54] **GRILLE INFERIEURE D'UN BROYEUR OU D'UNE DECHIQUETEUSE A TAMBOUR ET PROCEDE DE PRODUCTION DE LA GRILLE INFERIEURE**
[72] KALJUNEN, MARKKU, FI
[72] KOKKO, PEKKA, FI
[73] ANDRITZ OY, FI
[85] 2013-11-04
[86] 2012-05-04 (PCT/FI2012/050434)
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[54] **METHOD AND APPARATUS FOR DETECTION OF LVDT CORE FALLOUT CONDITION**
[54] **PROCEDE ET APPAREIL DE DETECTION D'UNE SITUATION DE RETOMBEE DU NOYAU D'UN LVDT**
[72] NAIR, RAKESH DAMODARAN, US
[72] SELLAMUTHU, ARULVEL, US
[72] SUNDARESH, NAGARAJA, US
[72] ALABUR, MANJUNATHA KOTRESHI, US
[72] KINAGE, AMOL, US
[72] GIRITHARAN, KARTHIK, US
[72] SHASTRY, ANANDA HUCHAPPA, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **INERT GAS SUPPRESSION SYSTEM NOZZLE**
[54] **BUSE DE SYSTEME DE SUPPRESSION DE GAZ INERTE**
[72] HILL, GENE, US
[72] PATEL, DEVANG, GB
[73] FIKE CORPORATION, US
[85] 2013-11-08
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ALZHEIMER'S DISEASE**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER LA MALADIE D'ALZHEIMER**
[72] ALAM, JOHN JAHANGIR, US
[73] EIP PHARMA, LLC, US
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[25] EN
[54] **METHOD AND BOARD FOR HIGH-SPEED LINK AUTO-NEGOTIATION**
[54] **PROCEDE ET MONOCARTE D'AUTO-NEGOCIATION DE LIAISON HAUTE VITESSE**
[72] YAN, LI, CN
[72] TONG, YUNMIN, CN
[72] HUANG, LIGANG, CN
[72] CHEN, XIAOQIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD, CN
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[54] **DIRECT SAMPLE ANALYSIS ION SOURCE**
[54] **SOURCE D'IONS POUR ANALYSE DIRECTE D'ECHANTILLONS**
[72] WHITEHOUSE, CRAIG M., US
[72] DRESCH, THOMAS, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2013-11-26
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[51] **Int.Cl. B22D 41/50 (2006.01)**
[25] EN
[54] **A NOZZLE FOR GUIDING A METAL MELT**
[54] **BUSE POUR GUIDER UN METAL EN FUSION**
[72] NITZL, GERALD, AT
[72] TANG, YONG, AT
[72] STRANIMAIER, ARNO, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[30] EP (11172908.3) 2011-07-06

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[51] **Int.Cl. B60M 1/30 (2006.01)**
[25] EN
[54] **POWER RAIL, MOUNTING AND DISMOUNTING METHOD AND ARRANGEMENT COMPOSED OF COMBINED POWER RAILS**
[54] **BARRE CONDUCTRICE, PROCEDE DE MONTAGE ET DE DEMONTAGE AINSI QUE SYSTEME DE BARRES CONDUCTRICES ASSEMBLEES**
[72] KRANYCAN, JURGEN, AT
[72] ESTERBAUER, ERWIN, AT
[72] JUKL, THOMAS, AT
[73] HAMMERER ALUMINIUM INDUSTRIES EXTRUSION GMBH, AT
[73] SPL POWERLINES AUSTRIA GMBH & CO. KG, AT
[85] 2013-12-04
[86] 2012-06-08 (PCT/EP2012/060941)
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[30] DE (10 2011 050 920.8) 2011-06-08

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[25] EN
[54] **METHOD FOR BENDING THERMOPLASTIC PIPES**
[54] **PROCEDE D'INCURVATION DE TUYAUX THERMOPLASTIQUES**
[72] KNEBL, JURGEN, DE
[72] LUTTMANN, PETER, DE
[72] GROEL, MICHAEL, DE
[73] PFW AEROSPACE AG, DE
[85] 2013-12-10
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[30] DE (10 2011 105 279.1) 2011-06-10
[30] US (61/495,954) 2011-06-10

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[25] EN
[54] **HIGH SPEED SEAMING ASSEMBLY**
[54] **ENSEMBLE DE SERTISSAGE A GRANDE VITESSE**
[72] MEJIA-QUINCHIA, CARLOS ANDRES, US
[72] FIELDS, BRIAN, US
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2013-12-10
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[30] US (13/157,639) 2011-06-10

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[25] FR
[54] **WATER FILTRATION MODULE AND METHOD FOR THE MANUFACTURE AND USE THEREOF**
[54] **MODULE DE FILTRATION D'EAU ET PROCEDE DE FABRICATION ET D'UTILISATION**
[72] ESPENAN, JEAN-MICHEL, FR
[72] SAUX, FRANC, FR
[73] POLYMEM, FR
[85] 2013-12-10
[86] 2011-06-17 (PCT/EP2011/060157)
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[25] FR
[54] **POWDER OF AN ALLOY BASED ON URANIUM AND MOLYBDENUM IN GAMMA-METASTABLE PHASE, COMPOSITION OF POWDERS COMPRISING THIS POWDER, AND USES OF SAID POWDER AND COMPOSITION**
[54] **POUDRE D'UN ALLIAGE A BASE D'URANIUM ET DE MOLYBDENE EN PHASE .GAMMA.-METASTABLE, COMPOSITION DE POUDRES COMPRENANT CETTE POUDRE, ET UTILISATIONS DESDITES POUDRE ET COMPOSITION**
[72] ALLENOU, JEROME, FR
[72] ILTIS, XAVIERE, FR
[72] CHAROLLAIS, FRANCOIS, FR
[72] TOUGAIT, OLIVIER, FR
[72] PASTUREL, MATHIEU, FR
[72] DEPUTIER, STEPHANIE, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[86] 2012-06-21 (PCT/EP2012/061938)
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[30] FR (11 55551) 2011-06-23

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[13] C
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[25] EN
[54] **CALL PROCESSING METHOD, DEVICE AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT D'APPEL**
[72] XU, BIN, CN
[72] ZHANG, JIANFENG, CN
[72] GE, HAO, CN
[73] ZTE CORPORATION, CN
[85] 2013-12-13
[86] 2012-02-02 (PCT/CN2012/070852)
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[30] CN (201110159095.8) 2011-06-14

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[25] EN
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[54] **ADDITIF A CIMENT**
[72] FARRINGTON, STEPHEN A., US
[72] STEFAN, MADALINA ANDREA, DE
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2013-12-13
[86] 2012-06-21 (PCT/EP2012/061907)
[87] (WO2012/175583)
[30] US (61/500,882) 2011-06-24

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[13] C
[51] **Int.Cl. A61K 36/53 (2006.01) A61K 36/49 (2006.01) A61P 17/00 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING A MOISTURIZING AGENT, A DESQUAMATION AGENT, A MATTIFYING AGENT, AND AN AGENT THAT INCREASES SKIN LUMINOSITY**
[54] **COMPOSITION COMPRENANT UN AGENT HYDRATANT, UN AGENT DESQUAMANT, UN AGENT MATIFIANT ET UN AGENT QUI AUGMENTE LA LUMINOSITE DE LA PEAU**
[72] GHERSIN, MURIEL, FR
[72] DECLERCQ, LIEVE, BE
[72] DE SAINT MICHEL, LOUIS, FR
[72] GRIGSBY, JOSEPH SCOTT, FR
[73] ELC MANAGEMENT LLC, US
[85] 2013-12-13
[86] 2012-06-27 (PCT/US2012/044384)
[87] (WO2013/006336)
[30] US (61/505,168) 2011-07-07

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[13] C
[51] **Int.Cl. G21G 1/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING NON-CARRIER-ADDED HIGH-PURITY 177LU COMPOUNDS AS WELL AS NON-CARRIER-ADDED 177LU COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES DE 177LU SANS ENTRAINEUR ET DE GRANDE PURETE ET COMPOSES DE 177LU SANS ENTRAINEUR**
[72] MARX, SEBASTIAN, DE
[72] HARFENSTELLER, MARK, DE
[72] ZHERNOSEKOV, KONSTANTIN, DE
[72] NIKULA, TUOMO, DE
[73] ITM ISOTOPEN TECHNOLOGIEN MUNCHEN AG, DE
[85] 2013-12-19
[86] 2012-04-12 (PCT/EP2012/056644)
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[30] DE (10 2011 051 868.1) 2011-07-15

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[13] C
[51] **Int.Cl. A24D 1/14 (2006.01) A24F 1/30 (2006.01)**
[25] EN
[54] **PREPACKAGED SMOKABLE MATERIAL CAPSULE**
[54] **CAPSULE QUI CONTIENT UNE SUBSTANCE PREEMBALLEE POUVANT ETRE FUMEE**
[72] JALLOUL, SAMER, LB
[72] EL HAJJ, GEORGES, AE
[72] JABER, NABIL, AE
[73] SHISHAPRESSO S.A.L., LB
[85] 2013-12-23
[86] 2012-01-13 (PCT/GB2012/050067)
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[30] US (61/503,187) 2011-06-30

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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **RETAINING DEVICE, RETAINING SYSTEM BETWEEN A FEMALE PART AND A MALE PART, AND FEMALE PART AND MALE PART FOR EXCAVATORS AND THE LIKE**
[54] **DISPOSITIF DE RETENUE, SYSTEME DE RETENUE ENTRE UNE PIECE FEMELLE ET UNE PIECE MALE, ET PIECE FEMELLE ET MALE POUR MACHINES EXCAVATRICES ET ANALOGUES**
[72] ROL CORREDOR, JAVIER, ES
[72] JIMENEZ GARCIA, JAVIER, ES
[72] PEREZ SORIA, FRANCISCO, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[72] ALONSO FRIGOLA, ESTER, ES
[73] METALOGENIA PATENTES, S.L., ES
[85] 2014-01-06
[86] 2011-07-05 (PCT/ES2011/070488)
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[13] C
[51] **Int.Cl. H04N 19/645 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01)**
[25] EN
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, APPAREIL DE CODAGE D'IMAGE, APPAREIL DE DECODAGE D'IMAGE ET APPAREIL DE CODAGE/DECODAGE D'IMAGE**
[72] TERADA, KENGO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] SUGIO, TOSHIYASU, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2014-01-06
[86] 2012-09-14 (PCT/JP2012/005881)
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[30] US (61/540,048) 2011-09-28

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4709 (2006.01) A61K 31/498 (2006.01) A61K 31/519 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **2-PYRIDYL SUBSTITUTED IMIDAZOLES AS ALK5 AND/OR ALK4 INHIBITORS**
[54] **2-PYRIDYLIMIDAZOLES SUBSTITUES UTILISES COMME INHIBITEURS D'ALK5 ET/OU D'ALK4**
[72] LEE, JU YOUNG, KR
[72] RYU, KEUN-HO, KR
[72] KIM, JAE-SUN, KR
[72] KIM, YONG-HYUK, KR
[72] SHIN, DONG CHUL, KR
[72] LEE, BONG-YONG, KR
[72] KANG, SANG-HWAN, KR
[72] LEE, HYUN JUNG, KR
[72] JUNG, HOECHUL, KR
[72] SHIN, YOUNG AH, KR
[72] PARK, EUISUN, KR
[72] AHN, JAESEUNG, KR
[72] KIM, HUN-TAEK, KR
[72] RYU, JE HO, KR
[73] TIUMBIO CO., LTD., KR
[85] 2014-01-08
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[30] US (61/507,305) 2011-07-13

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[51] **Int.Cl. A61K 38/42 (2006.01) A61K 47/30 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A HEAT STABLE OXYGEN CARRIER-CONTAINING PHARMACEUTICAL COMPOSITION FOR DIFFERENT TREATMENT APPLICATIONS**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN TRANSPORTEUR D'OXYGENE THERMOSTABLE POUR DIFFERENTES APPLICATIONS DE TRAITEMENT**
[72] WONG, BING LOU, US
[72] KWOK, SUI YI, HK
[72] LAU, SZE HANG, CN
[73] BILLION KING INTERNATIONAL LIMITED, HK
[85] 2014-01-10
[86] 2012-07-11 (PCT/US2012/046130)
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[30] US (13/179,590) 2011-07-11

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[13] C
[51] **Int.Cl. B22F 3/02 (2006.01) B22F 3/12 (2006.01) B22F 5/00 (2006.01) B22F 5/06 (2006.01) B22F 5/08 (2006.01)**
[25] EN
[54] **MOLDED PART**
[54] **PIECE MOULEE**
[72] BRANDNER, MARCO, DE
[72] HIRSCH, OLIVER, AT
[72] KRAUSSLER, WOLFGANG, AT
[72] LEITER, THOMAS, AT
[73] PLANSEE SE, AT
[85] 2014-01-16
[86] 2012-07-18 (PCT/AT2012/000191)
[87] (WO2013/010198)
[30] AT (GM 412/2011) 2011-07-21

[11] **2,842,335**
[13] C
[51] **Int.Cl. C07C 7/00 (2006.01) C07C 7/04 (2006.01) C07C 7/12 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **PROCESS FOR REMOVING OXYGENATED CONTAMINANTS FROM AN ETHYLENE STREAM**
[54] **PROCEDE POUR ELIMINER DES CONTAMINANTS OXYGENES D'UN FLUX D'ETHYLENE**
[72] DAS, BABUA, BE
[72] ARRATIA, MANUELA, FR
[72] BOUTROT, CATHERINE, FR
[73] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[73] IFP ENERGIES NOUVELLES, FR
[85] 2014-01-17
[86] 2012-07-13 (PCT/EP2012/063755)
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[13] C
[51] **Int.Cl. B02C 13/30 (2006.01) F16H 3/72 (2006.01)**
[25] EN
[54] **COMMINUTION DEVICE**
[54] **DISPOSITIF DE BROYAGE**
[72] DOPPSTADT, JOHANN, DE
[72] BERGER, HORST, DE
[73] DOPPSTADT FAMILIENHOLDING GMBH, DE
[85] 2014-01-22
[86] 2012-07-26 (PCT/EP2012/003141)
[87] (WO2013/013819)
[30] DE (20 2011 103 675.1) 2011-07-26

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[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01) A61M 5/00 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **DEVICE FOR AUTOMATIC INJECTION OF DRUG DOSES**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE DE DOSES DE MEDICAMENTS**
[72] EDHOUSE, MARK JEFFREY, GB
[72] DRIVER, PHILIP JEROME, GB
[72] MOSELEY, GUY CONWYN JULIAN, GB
[72] LEWIS, SCOTT ALEXANDER, GB
[73] MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A., LU
[85] 2014-01-22
[86] 2012-09-06 (PCT/EP2012/067438)
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[13] C
[51] **Int.Cl. B01J 8/28 (2006.01) B01J 8/40 (2006.01) C21B 13/00 (2006.01)**
[25] EN
[54] **DEVICE WITH SEVERAL REACTION CHAMBERS FOR IMPLEMENTING LIQUID/SOLID OXIDATION-REDUCTION REACTIONS IN A FLUIDIZED BED**
[54] **DISPOSITIF A PLUSIEURS CHAMBRES DE REACTION POUR LA MISE EN OEUVRE DE REACTIONS LIQUIDES/SOLIDES D'OXYDO-REDUCTION EN LIT FLUIDISE**
[72] LANCON, FRANCK, CL
[73] CLEANMETALS SA, CH
[85] 2014-01-31
[86] 2012-07-31 (PCT/FR2012/000321)
[87] (WO2013/017751)
[30] FR (1102424) 2011-08-02

[11] **2,845,426**
[13] C
[51] **Int.Cl. A62D 1/06 (2006.01)**
[25] EN
[54] **FIRE EXTINGUISHING COMPOSITION OF COPPER SALTS**
[54] **COMPOSITION D'EXTINCTION D'INCENDIE A BASE DE SELS DE CUIVRE**
[72] JI, TAO, CN
[72] WEI, TAO, CN
[73] XI'AN WESTPEACE FIRE TECHNOLOGY CO., LTD., CN
[85] 2014-02-14
[86] 2012-08-14 (PCT/CN2012/080097)
[87] (WO2013/023576)
[30] CN (201110235064.6) 2011-08-16

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[51] **Int.Cl. F16M 7/00 (2006.01) F24F 1/022 (2019.01) F24F 1/03 (2019.01) F16M 1/00 (2006.01) F24F 13/20 (2006.01) F24F 13/24 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NOISE ATTENUATION FOR HVAC&R SYSTEM**
[54] **METHODE ET APPAREIL D'ATTENUATION DU BRUIT POUR UN SYSTEME CVAC/R**
[72] MISALJEVIC, SASA, CA
[73] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[86] (2845520)
[87] (2845520)
[22] 2014-03-11
[30] US (61/947,588) 2014-03-04

[11] **2,846,378**
[13] C
[51] **Int.Cl. A01D 34/416 (2006.01) A01D 34/73 (2006.01) A01D 34/81 (2006.01)**
[25] EN
[54] **AERODYNAMIC TRIMMER HEAD FOR USE IN FLEXIBLE LINE ROTARY TRIMMERS**
[54] **TETE DE DEBROUSSAILLEUSE AERODYNAMIQUE DESTINEE A ETRE UTILISEE DANS DES DEBROUSSAILLEUSES ROTATIVES A CONDUITE FLEXIBLE**
[72] PROULX, RICHARD A., US
[72] PFALTZGRAFF, JAMES R., US
[73] PROULX MANUFACTURING, INC., US
[85] 2014-02-24
[86] 2011-09-12 (PCT/IB2011/053982)
[87] (WO2013/027089)
[30] US (13/217,193) 2011-08-24

[11] **2,846,933**
[13] C
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING TRANSPORT UNITS FROM A STORAGE FACILITY**
[54] **PROCEDE POUR EXTRAIRE DES UNITES DE TRANSPORT D'UN MAGASIN**
[72] YAMASHITA, SHIN, DE
[73] DEMATIC GMBH, DE
[85] 2014-02-26
[86] 2013-07-17 (PCT/EP2013/065061)
[87] (WO2014/023539)
[30] DE (10 2012 107 176.4) 2012-08-06

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[13] C
[51] **Int.Cl. A01N 59/20 (2006.01) A01N 25/10 (2006.01) A01N 59/12 (2006.01) A01P 1/00 (2006.01) C25D 11/18 (2006.01) C01B 9/06 (2006.01) C01G 3/00 (2006.01) C01G 5/02 (2006.01) C01G 23/04 (2006.01) C01G 25/02 (2006.01)**
[25] EN
[54] **ANTI-VIRUS ALUMINUM MEMBER AND METHOD FOR PRODUCING SAME**
[54] **ELEMENT ALUMINIUM ANTIVIRAL ET SON PROCEDE DE PRODUCTION**
[72] FUKUI, YOKO, JP
[72] NAKAYAMA, TSURUO, JP
[72] FUJIMORI, YOSHIE, JP
[73] NBC MESHTEC, INC., JP
[85] 2014-03-03
[86] 2012-09-07 (PCT/JP2012/005695)
[87] (WO2013/035343)
[30] JP (2011-195123) 2011-09-07

[11] **2,848,924**
[13] C
[51] **Int.Cl. B61L 29/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EARLY TRAIN DETECTION**
[54] **SYSTEME ET PROCEDE DE DETECTION PRECOCE DE TRAINS**
[72] LINGVALL, FREDRIK, NO
[72] DANIELSEN, TRON, NO
[73] WAVETRAIN SYSTEMS AS, NO
[85] 2014-03-14
[86] 2011-09-16 (PCT/NO2011/000257)
[87] (WO2012/036565)
[30] NO (20101301) 2010-09-17

[11] **2,848,936**
[13] C
[51] **Int.Cl. B22D 5/04 (2006.01) B08B 15/02 (2006.01) B22D 45/00 (2006.01)**
[25] EN
[54] **DUST EMISSION REDUCTION DURING METAL CASTING**
[54] **REDUCTION DE L'EMISSION DE POUSSIERE PENDANT LA COULEE DE METAL**
[72] LESSMANN, HANS, JUERGEN, DE
[72] BOTH, INGO, DE
[72] HOUBART, MICHEL, BE
[72] KINZEL, KLAUS, PETER, BR
[72] NOUAILLE-DEGORCE, GILLES, LU
[73] PAUL WURTH S.A., LU
[85] 2014-03-17
[86] 2012-09-27 (PCT/EP2012/069127)
[87] (WO2013/045577)
[30] LU (91880) 2011-09-28

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[13] C
[51] **Int.Cl. G09G 5/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENVIRONMENTAL ADAPTATION OF DISPLAY CHARACTERISTICS**
[54] **SYSTEME ET PROCEDE D'ADAPTATION A L'ENVIRONNEMENT DE CARACTERISTIQUES D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] PRESLEY, HARRY, US
[72] WASINGER, JERRY, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2014-03-24
[86] 2012-09-24 (PCT/US2012/056942)
[87] (WO2013/044245)
[30] US (61/538,319) 2011-09-23
[30] US (61/653,201) 2012-05-30

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[13] C
[51] **Int.Cl. A61F 4/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STABILIZING UNINTENTIONAL MUSCLE MOVEMENTS**
[54] **SYSTEME ET PROCEDE DE STABILISATION DE MOUVEMENTS MUSCULAIRES NON INTENTIONNELS**
[72] PATHAK, ANUPAM, US
[73] VERILY LIFE SCIENCES LLC, US
[85] 2014-03-26
[86] 2012-09-25 (PCT/US2012/057048)
[87] (WO2013/049020)
[30] US (13/250,000) 2011-09-30

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[13] C
[51] **Int.Cl. E21B 33/08 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLIES IN SUBSEA ROTATING CONTROL DEVICES**
[54] **ASSEMBLAGES DE JOINT D'ETANCHEITE DANS DES DISPOSITIFS DE COMMANDE TOURNANTS SOUS-MARINS**
[72] BAILEY, THOMAS F., US
[72] WAGONER, DANNY W., US
[72] BARRY, ANDREW A. W., US
[72] HARRALL, SIMON J., US
[72] CHAMBERS, JAMES W., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-03-28
[86] 2012-10-05 (PCT/US2012/059004)
[87] (WO2013/052830)
[30] US (61/545,100) 2011-10-07

[11] **2,851,315**
[13] C
[51] **Int.Cl. A61M 39/06 (2006.01) A61M 25/00 (2006.01) A61M 39/04 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **MULTIPLE USE BLOOD CONTROL VALVE WITH CENTER AND CIRCUMFERENTIAL SLITS**
[54] **VALVE DE REGULATION DE SANG A USAGE MULTIPLE AVEC FENTES CENTRALES ET CIRCONFERENTIELLES**
[72] STOUT, MARTY L., US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2014-04-04
[86] 2012-10-05 (PCT/US2012/058874)
[87] (WO2013/052746)
[30] US (61/544,158) 2011-10-06
[30] US (13/644,841) 2012-10-04

[11] **2,851,416**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER**
[54] **ENSEMBLE DENT D'OUTIL D'ENGAGEMENT AVEC LE SOL AYANT UNE POINTE ET UN ADAPTATEUR**
[72] RENSKI, WILLIAM J., US
[72] LAHOOD, JAMES ROBERT, US
[73] CATERPILLAR INC., US
[85] 2014-04-07
[86] 2012-10-05 (PCT/US2012/058988)
[87] (WO2013/052819)
[30] US (61/545,109) 2011-10-08
[30] US (13/644,555) 2012-10-04

[11] **2,851,422**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER**
[54] **ENSEMBLE DENT D'OUTIL EN CONTACT AVEC LE SOL COMPRENANT UNE POINTE ET UN ADAPTATEUR**
[72] RENSKI, WILLIAM J., US
[72] LAHOOD, JAMES ROBERT, US
[72] CONGDON, THOMAS MARSHALL, US
[73] CATERPILLAR INC., US
[85] 2014-04-07
[86] 2012-10-05 (PCT/US2012/059009)
[87] (WO2013/055597)
[30] US (61/545,276) 2011-10-10
[30] US (13/644,429) 2012-10-04

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[13] C
[51] **Int.Cl. B23K 26/362 (2014.01) B23K 26/042 (2014.01) B23K 26/08 (2014.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ACCURATE STRUCTURE MARKING AND MARKING-ASSISTED STRUCTURE LOCATING**
[54] **APPAREILS ET METHODES DE MARQUAGE DE STRUCTURE COURBEE ET REPERAGE DE STRUCTURE ASSISTE PAR LE MARQUAGE**
[72] SINGH, NAVRIT PAL, US
[73] THE BOEING COMPANY, US
[86] (2851493)
[87] (2851493)
[22] 2014-05-08
[30] US (13/925,865) 2013-06-25

[11] **2,851,694**
[13] C
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/428 (2006.01) A61K 31/495 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER/INHIBITION OF METASTASIS**
[54] **TRAITEMENT DU CANCER/INHIBITION DE METASTASES**
[72] DJAMGOZ, MUSTAFA BILGIN ALI, GB
[73] DJAMGOZ, MUSTAFA BILGIN ALI, GB
[85] 2014-04-09
[86] 2010-10-13 (PCT/GB2010/001908)
[87] (WO2012/049440)

[11] **2,851,748**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR COFFEE AND SOLUBLE PRODUCTS IN GENERAL**
[54] **CARTOUCHE POUR CAFE, ET POUR PRODUITS SOLUBLES EN GENERAL**
[72] GOGLIO, FRANCO, IT
[72] LA GAMBA, LUCA, IT
[72] LONGHINI, DONATO, IT
[72] BOTTINI, GIORGIO, IT
[73] GOGLIO S.P.A., IT
[85] 2014-04-10
[86] 2012-10-05 (PCT/EP2012/069794)
[87] (WO2013/053655)
[30] IT (MI2011A 001847) 2011-10-10

[11] **2,852,685**
[13] C
[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/69 (2006.01)**
[25] EN
[54] **INHIBITORS OF ARGINASE AND THEIR THERAPEUTIC APPLICATION**
[54] **INHIBITEURS D'ARGINASE ET LEUR APPLICATION THERAPEUTIQUE**
[72] VAN ZANDT, MICHAEL, US
[72] GOLEBIOWSKI, ADAM, US
[72] JI, MIN KOO, US
[72] WHITEHOUSE, DARREN, US
[72] RYDER, TODD, US
[72] BECKETT, RAYMOND PAUL, US
[73] MARS, INCORPORATED, US
[85] 2014-04-16
[86] 2012-10-18 (PCT/US2012/060789)
[87] (WO2013/059437)
[30] US (61/548,939) 2011-10-19

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[13] C
[51] **Int.Cl. G01T 1/02 (2006.01) G01T 1/29 (2006.01) G01T 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING RADIATION BY MEANS OF AN ELECTRONIC TERMINAL HAVING A DIGITAL CAMERA**
[54] **PROCEDE DE MESURE DE RAYONNEMENT A L'AIDE D'UN TERMINAL ELECTRONIQUE DOTE D'UNE CAMERA NUMERIQUE**
[72] KLEIN, ROLF-DIETER, DE
[72] REICHL, MATHIAS, DE
[72] HOESCHEN, CHRISTOPH, DE
[73] HELMHOLTZ ZENTRUM MUNCHEN DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[73] KLEIN, ROLF-DIETER, DE
[73] REICHL, MATHIAS, DE
[85] 2014-04-22
[86] 2011-10-24 (PCT/EP2011/005353)
[87] (WO2013/060342)

[11] **2,853,639**
[13] C
[51] **Int.Cl. G01T 1/29 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHOD AND APPARATUS FOR CHARACTERIZATION OF A NEUTRAL BEAM AND FOR PROCESS CONTROL THEREWITH**
[54] **PROCEDE ET APPAREIL DE DIAGNOSTIC DE CARACTERISATION D'UN FAISCEAU NEUTRE ET COMMANDE DE TRAITEMENT AVEC CEUX-CI**
[72] KIRKPATRICK, SEAN R., US
[72] KIRKPATRICK, ALLEN R., US
[73] EXOGENESIS CORPORATION, US
[85] 2014-04-25
[86] 2012-10-25 (PCT/US2012/061862)
[87] (WO2013/063234)
[30] US (61/551,552) 2011-10-26

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[13] C
[51] **Int.Cl. B28C 5/18 (2006.01) B28C 5/42 (2006.01)**
[25] EN
[54] **CONCRETE MIXING DRUM FIN STRUCTURE**
[54] **STRUCTURE D'AILETTE DE TAMBOUR DE MELANGE DE BETON**
[72] DATEMA, BRYAN S., US
[72] LINDBLOM, THOMAS G., US
[72] HARRIS, THOMAS J., US
[72] GLUNZ, CLINT D., US
[72] BARTLETT, WILLIAM P., SR., US
[73] MCNEILUS TRUCK AND MANUFACTURING, INC., US
[85] 2014-04-25
[86] 2012-10-18 (PCT/US2012/060716)
[87] (WO2013/062839)
[30] US (13/282,697) 2011-10-27

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[13] C
[51] **Int.Cl. B26D 7/32 (2006.01) A23G 4/02 (2006.01) B65G 47/53 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING SHEET-SHAPED OBJECTS INTO STRIP-SHAPED OR SLAB-SHAPED OBJECT SUB-UNITS**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION D'OBJETS EN FORME DE PLAQUE DANS DES SOUS-UNITES D'OBJETS EN FORME DE BANDE OU EN FORME DE PLAQUE**
[72] HAMMACHER, HEINZ-PETER, DE
[73] LOESCH VERPACKUNGSTECHNIK GMBH, DE
[85] 2014-05-05
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[54] **DIRECT CONNECT FLUSH SYSTEM**
[54] **SYSTEME DE RINCAGE A RACCORDEMENT DIRECT**
[72] CRISOSTOMO, CRISSLY V., US
[72] GAMARRA, RANDY S., US
[72] INO, TAKASHI, US
[72] SUTTON, BENJAMIN, US
[72] PAUL, DAVID J., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **A COMPENSATOR**
[54] **COMPENSATEUR**
[72] POHNER, LARS, NO
[73] MHWIRTH AS, NO
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[54] **TABLETOP NAPKIN DISPENSER**
[54] **DISTRIBUTEUR DE SERVIETTES DE DESSUS DE TABLE**
[72] WILSON, RODNEY, US
[72] GONZALES, LEO, US
[72] SIEBEL, JUSTIN, US
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2014-04-10
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[54] **COMPRESSIVE GRINDER FOR A BED OF MATERIALS**
[54] **BROYEUR PAR COMPRESSION DE LIT DE MATIERES**
[72] CORDONNIER, ALAIN, FR
[72] DEVROE, SEBASTIEN, FR
[73] FIVES FCB, FR
[85] 2014-05-14
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[54] **A SPECTROMETER**
[54] **SPECTROMETRE**
[72] SWEENEY, STEPHEN, GB
[72] ZHANG, YAPING, GB
[73] ASTRIUM LIMITED, GB
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[54] **EDGE PROTECTOR FOR GROUND ENGAGING TOOL ASSEMBLY**
[54] **PROTECTEUR DE BORD POUR ENSEMBLE OUTIL DE PRISE AVEC LE SOL**
[72] LAHOOD, JAMES ROBERT, US
[72] SMITH, MURRAY A., CA
[72] HARDER, CRAIG, CA
[73] CATERPILLAR INC., US
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[54] **DETERMINATION OF A QUALITY INDUCED TERMINATION RATE OF COMMUNICATION SESSIONS**
[54] **DETERMINATION DE TAUX D'INTERRUPTION DE SESSIONS DE COMMUNICATION INDUIT PAR LA QUALITE**
[72] KRUEGER, MICHAEL, DE
[72] SCHOLZ, HENDRIK, DE
[72] WALLBAUM, MICHAEL, DE
[73] VOIPFUTURE GMBH, DE
[85] 2014-06-04
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[25] EN
[54] **COMPOSITIONS OF BUPRENORPHINE AND MU-OPIOID RECEPTOR ANTAGONISTS**
[54] **COMPOSITIONS DE BUPRENORPHINE ET D'ANTAGONISTES DE RECEPTEUR DES OPIOIDES ?**
[72] DEAVER, DANIEL, US
[72] EHRICH, ELLIOT, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2014-06-10
[86] 2012-12-14 (PCT/IB2012/002900)
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[25] EN
[54] **FIELD DEVICE WITH SELF-TESTING OF A PIEZOELECTRIC TRANSDUCER**
[54] **APPAREIL DE TERRAIN A AUTOTEST D'UN TRANSDUCTEUR PIEZO-ELECTRIQUE**
[72] ARUNACHALAM, JAWAHAR, IN
[72] KASTURI, UDAYASHANKAR BANGALORE, IN
[73] ROSEMOUNT INC., US
[85] 2014-07-04
[86] 2012-05-28 (PCT/IB2012/052656)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITIONS ET PROCEDES APPLICABLES A LA THERAPIE ET AU DIAGNOSTIC POUR LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] HERSHBERG, ROBERT M., US
[72] HOSKEN, NANCY ANN, US
[72] LODES, MICHAEL, US
[72] MOHAMATH, RAODOH, US
[73] CORIXA CORPORATION, US
[86] (2860702)
[87] (2860702)
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[54] **CLOSED LOOP COOLING OF A PLASMA GUN TO IMPROVE HARDWARE LIFE**
[54] **REFROIDISSEMENT EN BOUCLE FERMEE D'UN PISTOLET A PLASMA POUR AMELIORER LA DUREE DE VIE DE MATERIEL**
[72] MOLZ, RONALD J., US
[73] OERLIKON METCO (US) INC., US
[85] 2014-07-08
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[54] **SPACING ELEMENT FOR MAKING STRUCTURAL, AERATED HEAT-INSULATION CRAWL SPACES**
[54] **ELEMENT D'ESPACEMENT POUR REALISER DES VIDES SANITAIRES D'ISOLATION THERMIQUE STRUCTURAUX AERES**
[72] CABONI, MICHELE, IT
[73] CABONI, MICHELE, IT
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[25] EN
[54] **DEVICE FOR PREHEATING A FLUID, NOTABLY A COMBUSTION ENGINE COOLANT FLUID**
[54] **DISPOSITIF DE PRECHAUFFAGE DE FLUIDE NOTAMMENT DE FLUIDE DE REFROIDISSEMENT DE MOTEUR A COMBUSTION**
[72] CARLENS, JEAN-CLAUDE, BE
[72] ZUNE, JEAN-FRANCOIS, BE
[73] VOLANTE, NINO, BE
[85] 2014-07-02
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[25] EN
[54] **LATEX BINDERS USEFUL IN ZERO OR LOW VOC COATING COMPOSITIONS**
[54] **LIANTS DE LATEX UTILES DANS DES COMPOSITIONS DE REVETEMENT A TENEUR EN VOC NULLE OU FAIBLE**
[72] WU, WENJUN, US
[72] KAUFMAN, MICHAEL C., US
[73] ARKEMA INC., US
[85] 2014-08-06
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[54] **SYSTEMS AND METHODS FOR TREATING CHRONIC LIVER FAILURE BASED ON PERITONEAL DIALYSIS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE L'INSUFFISANCE HEPATIQUE CHRONIQUE SUR LA BASE DE DIALYSE PERITONEALE**
[72] DEGEN, THOMAS, CH
[72] THOMMEN, DANIEL, CH
[72] JOHNSON, NOEL L., US
[73] SEQUANA MEDICAL AG, CH
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[54] **AGRICULTURAL IMPLEMENT ACTUATOR SENSOR PROTECTION**
[54] **PROTECTION D'ACTIONNEUR CAPTEUR POUR APPAREIL AGRICOLE**
[72] HENRY, JAMES W., CA
[72] WILENIEC, MARK, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2866050)
[87] (2866050)
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[25] EN
[54] **LINEAR FRESNEL LIGHT CONCENTRATING DEVICE WITH HIGH MULTIPLYING POWER**
[54] **DISPOSITIF DE CONDENSATION DE LUMIERE FRESNEL LINEAIRE AVEC PUISSANCE DE MULTIPLICATION ELEVEE**
[72] LIU, YANG, CN
[72] WANG, QINGBAO, CN
[73] BEIJING TERASOLAR ENERGY TECHNOLOGIES CO., LTD., CN
[85] 2014-09-02
[86] 2013-02-22 (PCT/CN2013/071799)
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[25] EN
[54] **RETROGRADE CARDIOPLEGIA DELIVERY CATHETER**
[54] **CATHETER DE DISTRIBUTION RETROGRADE DE CARDIOPLEGIE**
[72] ARNIM, NATHAN, US
[72] HELLEWELL, MATTHEW R., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2014-09-18
[86] 2013-04-17 (PCT/US2013/036988)
[87] (WO2013/158770)
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[51] **Int.Cl. E04B 2/86 (2006.01) E04B 2/00 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **MULTI-STOREY INSULATED CONCRETE FOAM BUILDING AND METHOD OF CONSTRUCTION THEREOF**
[54] **BATIMENT A ETAGES MULTIPLES EN BETON ET MOUSSE ISOLE ET METHODE DE CONSTRUCTION CONNEXE**
[72] WAY, ALVEN, CA
[73] WAY, ALVEN, CA
[86] (2867959)
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[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING A MEK INHIBITOR COMPOUND AND AN A NTI-IGFIR ANTIBODY FOR TREATING CANCER**
[54] **COMBINAISON PHARMACEUTIQUE RENFERMANT UN COMPOSE INHIBITEUR DE MEK ET UN ANTICORPS ANTI-IGFIR DESTINEE AU TRAITEMENT DU CANCER**
[72] HUANG, XIZHONG, US
[72] PETERS, MALTE, CH
[72] CAO, ZHU ALEXANDER, US
[72] GANSERT, JENNIFER LORRAINE, US
[72] CHANG, DAVID DONG EUN, US
[72] BELTRAN, PEDRO, US
[73] AMGEN INC., US
[73] NOVARTIS AG, US
[85] 2014-09-19
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[30] US (61/613,046) 2012-03-20
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[54] **PROCESSES FOR PREPARING TRIM BOARDS**
[54] **PROCEDES DE PREPARATION DE PLANCHES DE GARNITURE**
[72] DROUIN, NICHOLAS, CA
[72] BEAULIEU, PATRICK, CA
[72] DROUIN, JEAN-FRANCOIS, CA
[73] PRODUITS MATRA INC., CA
[86] (2868600)
[87] (2868600)
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[30] US (62/015,419) 2014-06-21

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[25] EN
[54] **RAPAMYCIN 40-O-CYCLIC HYDROCARBON ESTERS, COMPOSITIONS AND METHODS**
[54] **ESTERS HYDROCARBONES 40-O-CYCLIQUES DE RAPAMYCINE, COMPOSITIONS ET PROCEDES**
[72] BETTS, RONALD E., US
[72] NGUYEN, JOHN DANG, US
[73] BIOTRONIK AG, CH
[85] 2014-09-30
[86] 2013-06-03 (PCT/EP2013/061343)
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[30] US (61/657,049) 2012-06-08

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[51] **Int.Cl. G01L 9/00 (2006.01) G01L 9/04 (2006.01) G01L 9/06 (2006.01) G01L 9/10 (2006.01) G01L 9/12 (2006.01) H01C 17/23 (2006.01) H01C 17/242 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTING A CALIBRATION ELEMENT, AND CORRESPONDING DEVICE**
[54] **PROCEDE DE REGLAGE D'UN ELEMENT D'ETALONNAGE ET DISPOSITIF CORRESPONDANT**
[72] CROCI, MATTIA, CH
[73] METALLUX SA, CH
[85] 2014-10-01
[86] 2013-03-29 (PCT/IB2013/052553)
[87] (WO2013/150435)
[30] IT (TO2012A000293) 2012-04-03

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[51] **Int.Cl. A21B 3/13 (2006.01) A23P 30/10 (2016.01) A21D 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A COMESTIBLE BAKED PRODUCT IN COMPLEX SHAPES USING CAST MOLDING**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE UN PRODUIT CUIT COMESTIBLE PRESENTANT DES FORMES COMPLEXES AU MOYEN DU MOULAGE PAR COULEE**
[72] WIRTH, TODD LINDSAY, US
[72] WIRTH, FATIMAH, US
[73] WIRTH, TODD LINDSAY, US
[73] WIRTH, FATIMAH, US
[86] (2870086)
[87] (2870086)
[22] 2014-11-03
[30] US (14/069,572) 2013-11-01

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[54] **AUTOMATIC DOOR WITH EMERGENCY RESCUE SYSTEM**
[54] **PORTE AUTOMATIQUE AVEC SYSTEME DE SECOURS D'URGENCE**
[72] PHILLIPS, PARRISH, CA
[73] COMPLETE ENTRY SYSTEMS AND SERVICES (2004) INC., CA
[86] (2870543)
[87] (2870543)
[22] 2014-11-12
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[54] **AN ENERGY GUIDING CHAIN WITH ROLLERS**
[54] **CHAINE PORTE-CABLES A ROULEAUX**
[72] HERMEY, ANDREAS, DE
[73] IGUS GMBH, DE
[85] 2014-10-17
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[30] DE (20 2012 003 903.2) 2012-04-19

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[25] EN
[54] **METHOD FOR OPERATING A MULTI-GAS BURNER AND A MULTI-GAS BURNER**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN BRULEUR MULTIGAZ ET BRULEUR MULTIGAZ**
[72] WULFERT, HOLGER, DE
[72] BAETZ, ANDRE, DE
[73] LOESCHE GMBH, DE
[85] 2014-10-21
[86] 2012-06-05 (PCT/EP2012/002402)
[87] (WO2013/182214)

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[51] **Int.Cl. A61K 33/30 (2006.01) A61K 33/04 (2006.01) A61K 33/32 (2006.01) A61K 33/34 (2006.01)**
[25] EN
[54] **TRACE ELEMENT SOLUTION**
[54] **SOLUTION D'OLIGO-ELEMENTS**
[72] SMITH, WILLIAM ALFRED, IE
[73] WARBURTON TECHNOLOGY LIMITED, IE
[85] 2014-10-29
[86] 2012-05-14 (PCT/IB2012/052389)
[87] (WO2013/171538)

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[25] EN
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[54] **GENERATEUR SYNCHRONE D'UNE EOLIENNE A ENTRAINEMENT DIRECT**
[72] GUDEWER, WILKO, DE
[72] GIENGIEL, WOJCIECH, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-11-07
[86] 2013-04-05 (PCT/EP2013/057253)
[87] (WO2013/174566)
[30] DE (10 2012 208 547.5) 2012-05-22

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[51] **Int.Cl. G06F 17/00 (2019.01) G06F 16/178 (2019.01) H04L 12/28 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING DATA USING TREE STRUCTURES**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES AU MOYEN D'ARBORESCENCES**
[72] VIEIRA, ELVIS MELO, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-08-29
[86] 2012-03-16 (PCT/CA2012/050167)
[87] (WO2013/134847)

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[25] EN
[54] **PISTON-TRAIN GUIDE APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE GUIDAGE DE TRAIN DE PISTON**
[72] YAN, MIIN JENG, US
[73] YAN ENGINES, INC., US
[85] 2014-11-12
[86] 2013-05-22 (PCT/US2013/042290)
[87] (WO2013/177321)
[30] US (61/649,933) 2012-05-22

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[51] **Int.Cl. H01J 61/02 (2006.01) A61L 2/10 (2006.01) F21V 7/00 (2006.01) F21V 21/00 (2006.01)**
[25] EN
[54] **ULTRAVIOLET DISCHARGE LAMP APPARATUSES WITH ONE OR MORE REFLECTORS AND SYSTEMS WHICH DETERMINE OPERATING PARAMETERS AND DISINFECTION SCHEDULES FOR GERMICIDAL DEVICES**
[54] **APPAREILS A LAMPE A DECHARGE ULTRAVIOLETTE POSSEDANT UN OU PLUSIEURS REFLECTEURS ET DES SYSTEMES QUI DETERMINENT DES PARAMETRES DE FONCTIONNEMENT ET DES PROGRAMMES DE DESINFECTION POUR DES DISPOSITIFS GERMICIDES**
[72] STIBICH, MARK ANDREW, US
[72] WOLFORD, JAMES BLAINE, US
[72] GARFIELD, ALEXANDER NATHAN, US
[72] RATHGEBER, MARTIN, US
[72] FRYDENDALL, ERIC MARTIN, US
[73] XENEX DISINFECTION SERVICES, LLC, US
[85] 2014-11-13
[86] 2012-06-08 (PCT/US2012/041483)
[87] (WO2013/106077)
[30] US (13/156,131) 2011-06-08

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[51] **Int.Cl. G01N 23/223 (2006.01) G01N 21/65 (2006.01)**
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[54] **SAMPLE ANALYSIS**
[54] **ANALYSE D'ECHANTILLON**
[72] HAMILTON, MARK A., US
[72] PIOREK, STANISLAW, US
[72] CROCOMBE, RICHARD A., US
[73] THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC., US
[85] 2014-11-20
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[87] (WO2013/180922)
[30] US (13/485,194) 2012-05-31

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR FOURNIR UN PROTOCOLE SANS CONTACT**
[72] BUSH, LARRY L., US
[72] TOMCZAK, CHRISTOPHER J., US
[73] GOOGLE LLC, US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042455)
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[54] **APPARATUS FOR ADAPTING A SEATBELT FOR A CHILD**
[54] **APPAREIL POUR ADAPTER UNE CEINTURE DE SECURITE A UN ENFANT**
[72] SUMROY, JON, IL
[73] CARFOLDIO LTD, IL
[85] 2014-11-26
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[54] **METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES**
[54] **PROCEDES ET APPAREILS POUR EXECUTION EFFICACE DE MODULES**
[72] RAU, NICHOLAS NAVEEN, US
[72] O'HEARN, RYAN, US
[72] STURM, THOMAS, US
[72] BENNETT, JEREMY, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **PROPPANTS AND ANTI-FLOWBACK ADDITIVES COMPRISING FLASH CALCINED CLAY, METHODS OF MANUFACTURE, AND METHODS OF USE**
[54] **AGENTS DE SOUTENEMENT ET ADDITIFS ANTIREFLUX COMPRENANT DE L'ARGILE DE CALCINATION ECLAIR, PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION**
[72] WINDEBANK, MARK, GB
[72] PARIAS, THOMAS, BE
[72] HART, JARROD, GB
[73] IMERYS OILFIELD MINERALS, INC., US
[85] 2014-12-02
[86] 2013-06-03 (PCT/US2013/043853)
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[30] US (61/655,231) 2012-06-04

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[25] EN
[54] **ELECTRODE SEAL FOR USE IN A METALLURGICAL FURNACE**
[54] **JOINT D'ELECTRODE DESTINE A UN FOUR DE METALLURGIE**
[72] CHAO, JOHN, CA
[73] 9282-3087 QUEBEC (DBA TMC CANADA), CA
[86] (2875536)
[87] (2875536)
[22] 2014-12-18
[30] CA (PCT/CA2013/001086) 2013-12-20

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[51] **Int.Cl. B65D 41/04 (2006.01)**
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[54] **SAFETY CAP**
[54] **BOUCHON DE SECURITE**
[72] TADA, KAORI, JP
[72] TAKAHATA, OSAMU, JP
[73] SHINKO CHEMICAL CO., LTD., JP
[85] 2014-12-03
[86] 2012-11-21 (PCT/JP2012/080187)
[87] (WO2013/183180)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATMENT OF THE PULMONARY FORM OF ALTITUDE SICKNESS CAUSED BY LACK OF OXYGEN AND REDUCED AIR PRESSURE**
[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER LA FORME PULMONAIRE DU MAL DE L'ALTITUDE CAUSEE PAR LA RAREFACTION DE L'OXYGENE ET LA DIMINUTION DE LA PRESSION ATMOSPHERIQUE**
[72] FISCHER, BERNHARD, AT
[72] LUCAS, RUDOLF, US
[72] FISCHER, HENDRIK, AT
[73] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT
[85] 2014-12-04
[86] 2013-06-19 (PCT/EP2013/062777)
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[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR MODULATING EGFR ACTIVITY**
[54] **COMPOSES ET COMPOSITIONS DESTINES A LA MODULATION DE L'ACTIVITE DE L'EGFR**
[72] LELAIS, GERALD, US
[72] EPPLE, ROBERT, US
[72] MARSILJE, THOMAS H., III, US
[72] MICHELLYS, PIERRE-YVES, US
[72] MCNEILL, MATTHEW H., US
[72] LONG, YUN, US
[72] LU, WENSHUO, US
[72] CHEN, BEI, US
[72] BURSULAYA, BADRY, US
[72] JIANG, SONGCHUN, US
[73] NOVARTIS AG, CH
[85] 2014-12-05
[86] 2013-06-05 (PCT/US2013/044247)
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[30] IN (1741/DEL/2012) 2012-06-06
[30] US (61/770,752) 2013-02-28

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[25] EN
[54] **THERAPY DELIVERY DEVICES AND METHODS FOR NON-DAMAGING NEURAL TISSUE CONDUCTION BLOCK**
[54] **DISPOSITIFS D'ADMINISTRATION DE THERAPIE ET METHODES POUR NE PAS ENDOMMAGER UN BLOC DE CONDUCTION DE TISSU NEURAL**
[72] BHADRA, NILOY, US
[72] KILGORE, KEVIN L., US
[72] BHADRA, NERENDRA, US
[72] WAINRIGHT, JESSE, US
[72] VRABEC, TINA, US
[72] FRANKE, MANFRED, US
[73] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2014-12-10
[86] 2013-06-14 (PCT/US2013/045859)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING PHOSPHATE BINDING POLYMER**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN POLYMERE DE LIAISON AU PHOSPHATE**
[72] KARAVAS, EVANGELOS, GR
[72] KOUTRIS, EFTHIMIOS, GR
[72] SAMARA, VASILIKI, GR
[72] DIAKIDOU, AMALIA, GR
[72] PAPANIKOLAOU, GEORGIA, GR
[72] MPARMPALEXIS, PANAGIOTIS, GR
[73] PHARMATHEN S.A., GR
[85] 2014-12-15
[86] 2012-06-15 (PCT/EP2012/002547)
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[25] EN
[54] **A METHOD FOR CONSTRUCTING A DIVERSITY INDEX AND A VIABILITY INDEX OF MICROORGANISMS IN PROCESS SAMPLES**
[54] **PROCEDE DE CONSTRUCTION D'INDICES DE DIVERSITE ET DE VIABILITE DE MICRO-ORGANISMES DANS DES ECHANTILLONS DE TRAITEMENT**
[72] RICE, LAURA E., US
[72] LUND, LILIYA, US
[73] NALCO COMPANY, US
[85] 2014-12-10
[86] 2013-07-17 (PCT/US2013/050896)
[87] (WO2014/015044)
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[51] **Int.Cl. A61B 17/22 (2006.01)**
[25] EN
[54] **OBSTRUCTION REMOVAL SYSTEM**
[54] **SYSTEME DE RETRAIT D'OBSTRUCTION**
[72] BOWMAN, HEATH, US
[73] MICROVENTION, INC., US
[85] 2014-12-24
[86] 2013-06-27 (PCT/US2013/048322)
[87] (WO2014/004910)
[30] US (61/665,280) 2012-06-27
[30] US (13/844,148) 2013-03-15

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[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[72] ABE, MITSUTAKA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-12-30
[86] 2013-06-28 (PCT/JP2013/067925)
[87] (WO2014/007182)
[30] JP (2012-148855) 2012-07-02

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[51] **Int.Cl. E02B 3/26 (2006.01)**
[25] EN
[54] **A MARITIME FENDER AND ASSOCIATED METHOD OF MAINTENANCE**
[54] **DEFENSE MARITIME ET PROCEDE D'ENTRETIEN S'Y RAPPORTANT**
[72] SMITH, SCOTT, SG
[73] TRELLEBORG MARINE SYSTEMS MELBOURNE PTY LTD, AU
[85] 2015-01-08
[86] 2012-07-11 (PCT/AU2012/000832)
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[51] **Int.Cl. C10G 2/00 (2006.01) C10G 5/00 (2006.01) C10J 3/46 (2006.01)**
[25] EN
[54] **INTEGRATION OF SYNGAS GENERATION TECHNOLOGY WITH FISCHER-TROPSCH PRODUCTION VIA CATALYTIC GAS CONVERSION**
[54] **INTEGRATION DE TECHNOLOGIE DE GENERATION DE GAZ DE SYNTHESE AVEC PRODUCTION DE FISCHER-TROPSCH VIA CONVERSION DE GAZ CATALYTIQUE**
[72] APANEL, GEORGE, US
[72] WEIBIN, JIANG, US
[72] MOHEDAS, SERGIO, US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
[85] 2015-01-16
[86] 2013-07-15 (PCT/US2013/050484)
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[30] US (61/672,023) 2012-07-16

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[25] EN
[54] **SYNERGISTIC FUNGICIDAL COMBINATIONS COMPRISING TRICYCLIC CARBOXAMIDE DERIVATIVES**
[54] **COMBINAISONS FONGICIDES SYNERGIQUES RENFERMANT DES DERIVES DE CARBOXAMIDE TRICYCLIQUE**
[72] WALTER, HARALD, CH
[72] CORSI, CAMILLA, CH
[72] EHRENFREUND, JOSEF, CH
[72] LAMBERTH, CLEMENS, CH
[72] TOBLER, HANS, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] **GAMING MACHINE**
[54] **APPAREIL DE DIVERTISSEMENT**
[72] FAUL, THOMAS, DE
[72] LUFT, MICHAEL RUDOLPH, DE
[73] NOVOMATIC AG, AT
[85] 2015-01-28
[86] 2013-07-05 (PCT/EP2013/064233)
[87] (WO2014/019802)
[30] DE (10 2012 107 132.2) 2012-08-03

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[25] EN
[54] **GAMING MACHINE**
[54] **APPAREIL DE DIVERTISSEMENT**
[72] FAUL, THOMAS, DE
[72] LUFT, MICHAEL RUDOLPH, DE
[73] NOVOMATIC AG, AT
[85] 2015-01-30
[86] 2013-07-05 (PCT/EP2013/064229)
[87] (WO2014/019801)
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[51] **Int.Cl. G01C 9/06 (2006.01) G05D 1/06 (2006.01)**
[25] EN
[54] **MEASURING APPARATUS FOR CHECKING AN APPROACH PATH INDICATOR FOR THE LANDING OF AN AIRCRAFT, AND CORRESPONDING CHECKING DEVICE**
[54] **EQUIPEMENT DE MESURE POUR LE CONTROLE D'UN INDICATEUR DE TRAJECTOIRE D'APPROCHE POUR L'ATTERRISSAGE D'UN AVION, ET DISPOSITIF DE CONTROLE CORRESPONDANT**
[72] LE CAM, LIONEL, FR
[72] MORANCAY, BASILE, FR
[72] IRAQUI-HOUSSAINI, AMINE, FR
[72] LONGY, JEAN-ETIENNE, FR
[73] FB TECHNOLOGY, FR
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[86] 2012-10-10 (PCT/EP2012/070080)
[87] (WO2013/053773)
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[51] **Int.Cl. B01J 25/00 (2006.01) C07B 35/02 (2006.01) C07B 35/04 (2006.01) C07B 35/06 (2006.01)**
[25] EN
[54] **A SUPPORTED CATALYST, ITS ACTIVATED FORM, AND THEIR PREPARATION AND USE**
[54] **UN CATALYSEUR SUR SUPPORT, SA FORME ACTIVEE, SA PREPARATION ET SON UTILISATION**
[72] DAI, WEI, CN
[72] JIANG, HAIBIN, CN
[72] LU, SHULIANG, CN
[72] ZHANG, XIAOHONG, CN
[72] WANG, GUOQING, CN
[72] QIAO, JINLIANG, CN
[72] PENG, HUI, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2015-02-05
[86] 2013-08-06 (PCT/CN2013/080898)
[87] (WO2014/023220)
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[51] **Int.Cl. G01B 15/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING TORSION USING AN OPTO-ANALYTICAL DEVICE**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UNE TORSION A L'AIDE D'UN DISPOSITIF OPTO-ANALYTIQUE**
[72] PELLETIER, MICHAEL T., US
[72] FREESE, ROBERT P., US
[72] CHEN, SHILIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-25
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[51] **Int.Cl. G01S 7/481 (2006.01) G02B 1/02 (2006.01)**
[25] EN
[54] **WIDE FIELD OF VIEW MULTIBEAM OPTICAL APPARATUS**
[54] **APPAREIL OPTIQUE MULTIFAISCEAU A GRAND CHAMP DE VISION**
[72] REIMER, CHRISTOPHER JACOB, CA
[73] RAYTHEON CANADA LIMITED, CA
[85] 2015-03-04
[86] 2013-12-13 (PCT/CA2013/001041)
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[30] US (61/739,997) 2012-12-20

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[51] **Int.Cl. H05K 7/14 (2006.01) H04W 84/00 (2009.01) G16H 40/63 (2018.01) A61G 12/00 (2006.01) A61J 15/00 (2006.01) H02J 7/00 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **DOCKING STATION AND ENTERAL FEEDING PUMP SYSTEM**
[54] **STATION D'ACCUEIL ET SYSTEME DE POMPAGE D'ALIMENTATION ENTERALE**
[72] HARR, JAMES M., US
[72] MCHUGH, GABRIEL, US
[72] TRELFORD, LESTER PAUL, US
[72] WALDHOFF, GARY J., US
[72] PROWS, DENNIS SCOTT, US
[73] KPR U.S., LLC, US
[85] 2015-03-09
[86] 2013-09-13 (PCT/US2013/059703)
[87] (WO2014/043499)
[30] US (61/700,682) 2012-09-13

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[13] C
[51] **Int.Cl. E21B 10/60 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **WELL TOOL WITH DYNAMIC METAL-TO-METAL SHAPE MEMORY MATERIAL SEAL**
[54] **OUTIL DE PUITS A JOINT D'ETANCHEITE EN MATERIAU A MEMOIRE DE FORME METAL-METAL DYNAMIQUE**
[72] CARROLL, SEAN, US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-12
[86] 2012-10-05 (PCT/US2012/059063)
[87] (WO2014/055089)

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[13] C
[51] **Int.Cl. B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER ELEMENTS AND METHODS FOR FILTERING FLUIDS**
[54] **ELEMENTS DE FILTRE ET METHODES DE FILTRAGE DE LIQUIDES**
[72] CARRION, ALEXANDER, US
[73] PALL CORPORATION, US
[86] (2886303)
[87] (2886303)
[22] 2015-03-26
[30] US (14/292,030) 2014-05-30

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[13] C
[51] **Int.Cl. A61K 31/575 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **PENTACYCLIC TRITERPENES FOR THE TREATMENT OF OBESITY**
[54] **TRITERPENES PENTACYCLIQUES DESTINES AU TRAITEMENT DE L'OBESITE**
[72] OZCAN, UMUT, US
[72] MAJZOUB, JOSEPH, US
[72] MAZITSCHEK, RALPH, US
[72] CAKIR, ISIN, US
[72] CABI, SERKAN, US
[73] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[73] THE GENERAL HOSPITAL CORPORATION, US
[85] 2015-03-26
[86] 2013-09-26 (PCT/US2013/061911)
[87] (WO2014/052583)
[30] US (61/706,153) 2012-09-27

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[13] C
[51] **Int.Cl. A61K 31/07 (2006.01) A61K 9/08 (2006.01) A61K 31/327 (2006.01) A61K 31/60 (2006.01) A61K 31/616 (2006.01) A61K 47/24 (2006.01) A61K 47/30 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LOW TOXICITY TOPICAL ACTIVE AGENT DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'AGENT ACTIF TOPIQUE A FAIBLE TOXICITE**
[72] KULESZA, JOHN E., US
[73] KULESZA, JOHN E., US
[85] 2015-04-15
[86] 2013-10-21 (PCT/US2013/065868)
[87] (WO2014/066225)
[30] US (61/717,830) 2012-10-24
[30] US (13/795,663) 2013-03-12

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[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/01 (2006.01)**
[25] EN
[54] **SPACE FILLING DEVICES**
[54] **DISPOSITIFS DE REMPLISSAGE D'ESPACE**
[72] LARSEN, COBY C., US
[72] LURIE, BRANDON A., US
[72] MASTERS, STEVEN J., US
[72] MCDANIEL, THOMAS R., US
[72] ZUKOWSKI, STANISLAW L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-04-22
[86] 2013-11-15 (PCT/US2013/070371)
[87] (WO2014/078698)
[30] US (61/727,458) 2012-11-16
[30] US (61/798,791) 2013-03-15
[30] US (14/080,739) 2013-11-14

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[13] C
[51] **Int.Cl. E21B 19/24 (2006.01) E21B 47/017 (2012.01) E21B 47/01 (2012.01)**
[25] EN
[54] **DRILL COLLAR WITH INTEGRATED PROBE CENTRALIZER**
[54] **MASSE-TIGE A CENTRALISATEUR DE SONDE INTEGREE**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-05-05
[86] 2013-11-06 (PCT/CA2013/050852)
[87] (WO2014/071522)
[30] US (61/723,288) 2012-11-06

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[13] C
[51] **Int.Cl. B01D 25/32 (2006.01)**
[25] EN
[54] **SELF-CLEANING SYSTEM FOR FILTER PRESS**
[54] **SYSTEME AUTONETTOYANT POUR PRESSE A FILTRE**
[72] CHABOT, MARC ANDRE, CA
[72] DOYON, STEPHANE, CA
[73] LES EQUIPEMENTS D'ERABLIERE CDL INC., CA
[86] (2891954)
[87] (2891954)
[22] 2015-05-19
[30] CA (2,852,577) 2014-05-16
[30] US (61/994,352) 2014-05-16

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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **CONVERSION TRACKING FOR INSTALLATION OF APPLICATIONS ON MOBILE DEVICES**
[54] **SUIVI DE CONVERSION DESTINE A L'INSTALLATION D'APPLICATIONS SUR DES DISPOSITIFS MOBILES**
[72] LIU, DEBORAH, US
[72] MATHUR, NIPUN, US
[72] CHIA, TECK, US
[72] RAJI, VIJAYE GANESH, US
[73] FACEBOOK, INC., US
[85] 2015-06-01
[86] 2014-01-22 (PCT/US2014/012447)
[87] (WO2014/116638)
[30] US (13/748,560) 2013-01-23
[30] EP (14151554.4) 2014-01-17

[11] **2,894,069**
[13] C
[51] **Int.Cl. C12N 15/86 (2006.01) C07K 14/08 (2006.01) C12N 7/01 (2006.01) C12N 15/40 (2006.01)**
[25] EN
[54] **PRRS VIRUSES, INFECTIOUS CLONES, MUTANTS THEREOF, AND METHODS OF USE**
[54] **VIRUS PRRS, CLONES INFECTIEUX, MUTANTS DE CES VIRUS ET PROCEDE D'UTILISATION**
[72] FAABERG, KAY S., US
[72] HAN, JUN, US
[72] LIU, GONGPING, US
[72] WANG, YUE, US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[86] (2894069)
[87] (2894069)
[22] 2006-06-23
[62] 2,611,820
[30] US (60/694,021) 2005-06-24

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[54] **PROCEDE ET APPAREIL PERMETTANT DE SIGNER UN CODE DE MANIERE INCREMENTIE LE**
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[54] **ABSORBENT CORE WITH HIGH SUPERABSORBENT MATERIAL CONTENT**
[54] **NOYAU ABSORBANT CONTENANT UN MATERIAU SUPER ABSORBANT**
[72] ARIZTI, BLANCA, DE
[72] BIANCHI, ERNESTO, DE
[72] EHRNSPERGER, BRUNO JOHANNES, DE
[72] JACKELS, HANS ADOLF, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] ROSATI, RODRIGO, DE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **THERMALLY-ISOLATING FASTENER**
[54] **FIXATION AYANT DES PROPRIETES D'ISOLEMENT THERMIQUE**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2895059)
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[54] **FRAGRANCE MATERIALS**
[54] **MATIERES DE PARFUM**
[72] CETTI, JONATHAN ROBERT, US
[72] DUBOIS, ZERLINA GUZDAR, US
[72] HUTCHINS, VIRGINIA TZUNG-HWEI, US
[72] KINSEY, MICHAEL WAYNE, US
[72] READNOUR, CHRISTINE MARIE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **FRACTURING FLUID PROCESS PLANT AND METHOD THEREOF**
[54] **INSTALLATION DE TRAITEMENT DE FLUIDES DE FRACTURATION ET PROCEDE ASSOCIE**
[72] BURNETTE, BLAKE, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-06-16
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[54] **TOOL HOLDING STRUCTURE**
[54] **STRUCTURE DE PORTE-OUTIL**
[72] SURUGA, HIROKAZU, JP
[73] DAISHOWA SEIKI KABUSHIKI KAISHA, JP
[85] 2015-06-26
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE TRANSFECTION**
[54] **COMPOSITIONS ET PROCEDES DE TRANSFECTION DE POLYNUCLEOTIDES**
[72] WICKLINE, SAMUAL A., US
[72] HOU, KIRK, US
[73] WASHINGTON UNIVERSITY, US
[85] 2015-06-29
[86] 2014-01-03 (PCT/US2014/010212)
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[54] **OPTICAL DEVICES FOR LIGHT MIXING**
[54] **DISPOSITIFS OPTIQUES DESTINES AU MELANGE D'ECLAIRAGE**
[72] CAMP, RANDOLPH C., III, US
[73] THE BOEING COMPANY, US
[86] (2897757)
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[54] **HANGER WITH LOCATOR TOOTH**
[54] **SUPPORT DOTE D'UNE DENT DE DISPOSITIF DE REPERAGE**
[72] GREVIOUS, TODD, US
[72] BREKKE, STEVE, US
[73] MITEK HOLDINGS, INC., US
[86] (2899499)
[87] (2899499)
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[54] **ENHANCED INTRA-PREDICTION CODING USING PLANAR REPRESENTATIONS**
[54] **CODAGE PREDICTIF INTRA AMELIORE UTILISANT DES REPRESENTATIONS PLANES**
[72] BOSSEN, FRANK JAN, US
[72] KANUMURI, SANDEEP, US
[73] NTT DOCOMO, INC., JP
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[54] **UBERFEED**
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[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
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[54] **DISC RECLINER WITH TAPERED PIN CAM SURFACE**
[54] **DISPOSITIF D'INCLINAISON A DISQUE PRESENTANT UNE SURFACE DE CAME PINCE A SECTION DECROISSANTE**
[72] TAME, OMAR D., US
[72] AKTAS, MACIT, CA
[73] MAGNA SEATING INC., CA
[85] 2015-08-25
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR CONTROLLING PRODUCTION OF HYDROCARBONS**
[54] **SYSTEMES ET METHODE DE CONTROLE DE PRODUCTION D'HYDROCARBURES**
[72] LASTIWKA, MARTIN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2902548)
[87] (2902548)
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[54] **JOINT LOCK RING SYSTEM FOR LINED PIPE**
[54] **SYSTEME D'ANNEAUX DE BLOCAGE D'ARTICULATION DESTINE A UN TUYAU DOUBLE**
[72] RABER, ROBERT P., US
[73] IMPERIAL PIPE SERVICES, LLC, US
[85] 2015-09-08
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[54] **PORTABLE PLATFORM FOR NETWORKED COMPUTING**
[54] **PLATE-FORME PORTATIVE POUR INFORMATIQUE EN RESEAU**
[72] MAGUIRE, YAEL, US
[72] COGLITORE, GIOVANNI, US
[73] FACEBOOK, INC., US
[85] 2015-09-08
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[54] **TREATMENT FLUIDS COMPRISING WEAKLY EMULSIFYING SURFACTANTS AND ASSOCIATED METHODS**
[54] **FLUIDES DE TRAITEMENT COMPRENANT DES AGENTS TENSIOACTIFS EMULSIFIANTS FAIBLES ET PROCEDES ASSOCIES**
[72] XU, LIANG, US
[73] MULTI-CHEM GROUP, LLC, US
[85] 2015-09-15
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[54] **COMPOSITION FOR PRODUCING PUTTIES AND METHOD FOR PRODUCING AND PROCESSING THE PUTTIES**
[54] **COMPOSITION DE PRODUCTION DE MASTICS ET PROCEDE DE PRODUCTION ET DE TRAITEMENT DESDITS MASTICS**
[72] WEHNER, JOCHEN, DE
[72] BUENING, JENS, DE
[72] VOSS, MARTINA, DE
[73] MANKIEWICZ GEBR. & CO. GMBH & CO. KG, DE
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[54] **METHOD FOR PROVIDING SWIM-IN-PLACE FUNCTIONALITY IN A BATHING UNIT SYSTEM AND CONTROL SYSTEM IMPLEMENTING SAME**
[54] **METHODE D'AMELIORATION DE LA FONCTIONNALITE DE NAGE SUR PLACE DANS UN SYSTEME DE MODULE DE BAIN ET DISPOSITIF DE COMMANDE DE MISE EN PLACE DE LADITE METHODE**
[72] LAFLAMME, BENOIT, CA
[72] BROCHU, CHRISTIAN, CA
[72] MATTAR, BRIGIDE, CA
[73] GECKO ALLIANCE GROUP INC., CA
[86] (2908249)
[87] (2908249)
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[25] EN
[54] **MATERIALS, SYSTEMS, DEVICES, AND METHODS FOR ENDOLUMINAL ELECTROPOLYMERIC PAVING AND SEALING**
[54] **MATERIAUX, SYSTEMES, DISPOSITIFS ET PROCEDES POUR LE PAVAGE ET L'ENROBAGE ELECTROPOLYMERES ENDOLUMINAUX**
[72] SLEPIAN, MARVIN J., US
[73] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2015-09-30
[86] 2014-04-04 (PCT/US2014/033078)
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[54] **ROTOR BLADE OF A WIND TURBINE**
[54] **PALE DE ROTOR D'EOLIENNE**
[72] PAWIS, TORSTEN, DE
[72] MIDDELSTADT, FALK, DE
[72] SCHULZE, THOMAS, DE
[72] RUBNER, FLORIAN, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **STENT WITH BALLOON FOR REPAIR OF ANASTOMOSIS SURGERY LEAKS**
[54] **ENDOPROTHESE AVEC BALLONNET POUR LA REPARATION DE FUITES CHIRURGICALES D'ANASTOMOSE**
[72] WEINER, JASON, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-10-05
[86] 2014-02-27 (PCT/US2014/019119)
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[25] EN
[54] **NEEDLESCOPIC INSTRUMENT WITH REUSABLE HANDLE AND DETACHABLE NEEDLE ASSEMBLY**
[54] **INSTRUMENT DE CHIRURGIE LAPAROSCOPIQUE A L'AIGUILLE AYANT UNE POIGNEE REUTILISABLE ET UN ENSEMBLE AIGUILLE DETACHABLE**
[72] RAVIKUMAR, SUNDARAM, US
[72] RAVIKUMAR, VIKRAM, US
[72] OSBORNE, GUY, US
[73] TELEFLEX MEDICAL INCORPORATED, US
[85] 2015-10-15
[86] 2014-04-16 (PCT/US2014/034397)
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[25] EN
[54] **METHOD FOR REDUCING STACK EFFECT IN A HOUSE**
[54] **METHODE DE REDUCTION DE L'EFFET CHEMINEE DANS UNE MAISON**
[72] MELANSON, BERNIE, CA
[73] MELANSON, BERNIE, CA
[86] (2909758)
[87] (2909758)
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[54] **LARGE ELECTRIC VEHICLE POWER STRUCTURE AND ALTERNATING-HIBERNATION BATTERY MANAGEMENT AND CONTROL METHOD THEREOF**
[54] **STRUCTURE D'ALIMENTATION DE VEHICULE ELECTRIQUE A GRANDE ECHELLE ET METHODE ASSOCIEE DE CONTROLE ET DE GESTION DE BATTERIE EN ALTERNANCE D'HIBERNATION**
[72] YANG, ANTHONY AN-TAO, CN
[72] CHEN, GORDON CHING, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2015-10-29
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[30] US (61/817,619) 2013-04-30

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[54] **MANUAL FLOW REGULATION FOR BLOOD COLLECTION**
[54] **REGULATION MANUELLE DE DEBIT POUR PRELEVEMENT SANGUIN**
[72] CRAWFORD, JAMIESON W., SE
[72] RUSS, CRAIG OWEN, US
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-11-05
[86] 2013-05-15 (PCT/US2013/041156)
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **AGRICULTURAL PRODUCT APPLICATION IN OVERLAP AREAS**
[54] **APPLICATION DE PRODUIT AGRICOLE DANS LES ZONES EN CHEVAUCHEMENT**
[72] GERVAIS, JOEL, CA
[72] HENRY, JAMES, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2911624)
[87] (2911624)
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[51] **Int.Cl. A61B 17/11 (2006.01) A61B 17/3205 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ENDOSCOPICALLY CREATING AN ANASTOMOSIS**
[54] **PROCEDES ET DISPOSITIFS DESTINES A CREER UNE ANASTOMOSE DE MANIERE ENDOSCOPIQUE**
[72] GAGNER, MICHEL, CA
[72] SPENCER, DALE A., US
[72] BLAESER, DAVID J., US
[73] BALLAST MEDICAL INC., CA
[86] (2911795)
[87] (2911795)
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[25] EN
[54] **ANODIC BONDING OF THERMALLY STABLE POLYCRYSTALLINE MATERIALS TO SUBSTRATE**
[54] **LIAISON ANODIQUE DE MATERIAUX POLYCRISTALLINS THERMIQUEMENT STABLES AVEC UN SUBSTRAT**
[72] ANDERLE, SETH GARRETT, US
[72] ATKINS, WILLIAM BRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-09
[86] 2014-09-11 (PCT/US2014/055047)
[87] (WO2015/038687)
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[51] **Int.Cl. H01P 5/12 (2006.01)**
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[54] **WAVEGUIDE COMBINER APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MULTIPLEXEUR DE GUIDE D'ONDE**
[72] FAHMI, MOHAMED MOHAMED, CA
[73] NANOWAVE TECHNOLOGIES INC., CA
[85] 2015-11-18
[86] 2014-05-23 (PCT/CA2014/050481)
[87] (WO2014/186900)
[30] US (61/826,699) 2013-05-23

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[51] **Int.Cl. F16F 1/06 (2006.01) B60G 9/04 (2006.01) B60G 11/14 (2006.01) F16F 9/32 (2006.01)**
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[54] **SUSPENSION COIL SPRING**
[54] **RESSORT A BOUDIN POUR SUSPENSION**
[72] YAMAMOTOYA, KENJI, IN
[72] ENOMOTO, HIDETO, JP
[72] TAKAHASHI, KEN, JP
[72] SATO, TOSHIAKI, JP
[72] SUGIYAMA, MITSUHIRO, JP
[72] KOBAYASHI, YOSHIO, JP
[72] INAGE, TAICHI, JP
[72] KATO, TOMOTAKE, JP
[72] NISHIKAWA, AKIHIKO, JP
[72] UMEZAWA, MASAHIRO, JP
[72] AYADA, MICHIHIKO, JP
[72] KAJIGAYA, SUGURU, JP
[73] NHK SPRING CO., LTD., JP
[85] 2015-11-27
[86] 2014-07-01 (PCT/JP2014/067554)
[87] (WO2015/022816)
[30] JP (2013-167654) 2013-08-12

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[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/064 (2006.01)**
[25] EN
[54] **HEART VALVE REPAIR AND REPLACEMENT**
[54] **REPARATION ET REMPLACEMENT D'UNE VALVULE CARDIAQUE**
[72] ALON, DAVID, IL
[73] ALON, DAVID, IL
[85] 2015-12-03
[86] 2014-06-03 (PCT/IB2014/000949)
[87] (WO2014/195786)
[30] US (61/831,632) 2013-06-06

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[13] C
[51] **Int.Cl. F16L 55/40 (2006.01) F16L 55/26 (2006.01)**
[25] EN
[54] **PIPE INSPECTION DEVICE**
[54] **DISPOSITIF D'INSPECTION DE TUYAU**
[72] KESSELBERG, JAKOB, SE
[73] VRETMASKIN EL & MEKANIK AB, SE
[85] 2015-12-08
[86] 2013-06-12 (PCT/SE2013/050685)
[87] (WO2014/200398)

[11] **2,915,225**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE MEDICAMENT**
[72] BOSTROM, ANDERS, SE
[72] GABRIELSSON, ELIN, SE
[73] SHL GROUP AB, SE
[86] (2915225)
[87] (2915225)
[22] 2012-08-28
[62] 2,846,491
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[25] EN
[54] **MONITORING A WELL FLOW DEVICE BY FIBER OPTIC SENSING**
[54] **SURVEILLANCE D'UN DISPOSITIF DE PRODUCTION DE PUITS PAR DETECTION A FIBRE OPTIQUE**
[72] JAASKELAINEN, MIKKO, US
[72] BARFOOT, DAVID ANDREW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-15
[86] 2013-08-07 (PCT/US2013/053979)
[87] (WO2015/020645)

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[25] EN
[54] **A PROTECTOR SHIELD FOR A SIDEWALL OF A MOTOR VEHICLE TIRE, AND A WHEEL ASSEMBLY FOR SUCH A VEHICLE INCORPORATING IT**
[54] **ECRAN PROTECTEUR POUR UNE PAROI LATERALE D'UN PNEU DE VEHICULE A MOTEUR ET ENSEMBLE DE ROUE POUR UN TEL VEHICULE L'INCORPORANT**
[72] SERADARIAN, PASCAL, US
[72] TABONE, CHARLES JOSEPH, US
[72] GEHRIS VOGEL, COLIN, US
[72] FORSTER, ERIC, FR
[72] ROGERS, LARRY K., US
[72] NOBLANC, OLIVIER, US
[72] LE ROSSIGNOL, BENOIT, FR
[73] HUTCHINSON INDUSTRIES, INC., US
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[25] EN
[54] **PRE-CAST CONCRETE FOUNDATION OF MODULAR CONSTRUCTION FOR TELECOMMUNICATION OR WIND TURBINE TOWER**
[54] **FONDATION DE BETON PREFABRIQUEE D'UNE CONSTRUCTION MODULAIRE DESTINEE A UNE TOUR DE TELECOMMUNICATION OU UNE TOUR D'EOLIENNE**
[72] TOZER, ROBERT, CA
[73] 649119 N.B. INC., CA
[86] (2916228)
[87] (2916228)
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[51] **Int.Cl. C12Q 1/70 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **DETECTION OF HIGH GRADE DYSPLASIA IN CERVICAL CELLS**
[54] **DETECTION DE LA DYSPLASIE DE HAUT DEGRE DANS LES CELLULES CERVICALES**
[72] KING, WALTER, US
[72] MORRISON, LARRY E., US
[72] SEELIG, STEVEN A., US
[72] SOKOLOVA, IRINA A., US
[72] ALGECIRAS-SCHIMNICH, ALICIA, US
[73] ABBOTT MOLECULAR INC., US
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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 74/00 (2009.01)**
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[54] **METHODS AND APPARATUS FOR MULTIPLE USER UPLINK**
[54] **PROCEDES ET APPAREIL POUR UNE LIAISON MONTANTE A PLUSIEURS UTILISATEURS**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-01-19
[86] 2014-08-27 (PCT/US2014/052825)
[87] (WO2015/031431)
[30] US (61/871,269) 2013-08-28
[30] US (14/469,175) 2014-08-26

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[51] **Int.Cl. H01H 35/18 (2006.01) F16K 25/00 (2006.01) H01H 35/40 (2006.01)**
[25] EN
[54] **LOW WATER CUTOFF SWITCH**
[54] **INTERRUPTEUR DE COUPURE DE FAIBLE NIVEAU D'EAU**
[72] KARIA, NIMESH PRATAPBHAI, US
[72] MUKKAWAR, GIRISH SUBHASH, US
[72] AGRAWAL, BIRDHILAL NAVALKISHOR, IN
[72] MEGHPARA, KANTILAL BRIJESHKUMAR, US
[73] FLUID HANDLING LLC, US
[85] 2016-01-21
[86] 2014-08-06 (PCT/US2014/049911)
[87] (WO2015/021131)
[30] US (61/862,634) 2013-08-06

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[51] **Int.Cl. G09F 3/10 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **PACKAGING CUE SYSTEM FOR CONSUMER PRODUCTS**
[54] **SYSTEME DE SIGNAL D'EMBALLAGE POUR DES PRODUITS DE CLIENT**
[72] WEINTRAUB, GARY D., US
[72] TEMPLETON, LYNN, US
[73] S.C. JOHNSON & SON, INC., US
[85] 2016-01-21
[86] 2014-07-23 (PCT/US2014/047848)
[87] (WO2015/013424)
[30] US (61/859,104) 2013-07-26
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[25] EN
[54] **REVERSE-PHASE POLYMERISATION PROCESS**
[54] **PROCEDE DE POLYMERISATION EN PHASE INVERSE**
[72] HESSE, PASCAL, DE
[72] JELICIC, ALEKSANDRA, DE
[72] FONSECA ZEPEDA, GABRIELA EUGENIA, DE
[72] HASCHICK, ROBERT, DE
[72] KEELAPANDAL RAMAMOORTHY, SHANKARA NARAYANAN, DE
[72] NAYLOR, GARETH IAN, GB
[72] BARRATT, JOHN SCOTT, GB
[72] SOETJE, OLIVER, DE
[72] LIEVRE, MARCEL, DE
[72] RAINAU, FLORIAN, DE
[72] LEBKUCHER, MARK, DE
[73] BASF SE, DE
[85] 2016-01-25
[86] 2014-07-29 (PCT/EP2014/066252)
[87] (WO2015/014825)
[30] EP (13178694.9) 2013-07-31

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[51] **Int.Cl. C08F 2/32 (2006.01) C08F 20/56 (2006.01)**
[25] EN
[54] **REVERSE-PHASE POLYMERISATION PROCESS**
[54] **PROCEDE DE POLYMERISATION EN SUSPENSION EN PHASE INVERSE**
[72] HASCHICK, ROBERT, DE
[72] JELICIC, ALEKSANDRA, DE
[72] BARRATT, JOHN SCOTT, GB
[72] HESSE, PASCAL, DE
[72] SOETJE, OLIVER, DE
[72] FONSECA ZEPEDA, GABRIELA EUGENIA, DE
[72] KEELAPANDAL RAMAMOORTHY, SHANKARA NARAYANAN, DE
[72] LANGLOTZ, BJORN, DE
[73] BASF SE, DE
[85] 2016-01-25
[86] 2014-07-29 (PCT/EP2014/066255)
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FORMULATION OF SYK INHIBITORS**
[54] **FORMULATION D'INHIBITEURS DE SYK**
[72] LI, BEI, US
[72] SPERGER, DIANA, US
[72] STEFANIDIS, DIMITRIOS, US
[72] CASTEEL, MELISSA JEAN, US
[72] PAKDAMAN, ROWCHANAK, US
[73] GILEAD CONNECTICUT, INC., US
[85] 2016-01-26
[86] 2014-07-29 (PCT/US2014/048741)
[87] (WO2015/017466)
[30] US (61/860,198) 2013-07-30

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[13] C
[51] **Int.Cl. E21B 7/18 (2006.01) E21B 7/04 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DOWNHOLE HYDRAULIC JETTING ASSEMBLY**
[54] **MECANISME DE LANCAGE DE JETS HYDRAULIQUES EN FOND DE TROU**
[72] RANDALL, BRUCE L., US
[73] COILED TUBING SPECIALTIES, LLC, US
[86] (2919649)
[87] (2919649)
[22] 2016-02-02
[30] US (62/198,575) 2015-07-29
[30] US (62/120,212) 2015-02-24
[30] US (15/009,572) 2016-01-28

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[51] **Int.Cl. F21K 9/27 (2016.01) F21K 9/272 (2016.01) F21K 9/275 (2016.01) F21V 13/04 (2006.01) F21V 15/01 (2006.01)**
[25] EN
[54] **EASY INSTALL LIGHT ENGINE RETROFIT KIT AND METHOD FOR USING SAME**
[54] **NECESSAIRE DE MISE A NIVEAU DE MOTEUR LUMIERE FACILE A INSTALLER ET METHODE D'UTILISATION DUDIT NECESSAIRE**
[72] MCCANE, STEPHEN BARRY, US
[73] ABL IP HOLDING LLC, US
[86] (2919802)
[87] (2919802)
[22] 2016-02-03
[30] US (62/112017) 2015-02-04

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[13] C
[51] **Int.Cl. E05B 1/00 (2006.01) E05B 9/00 (2006.01)**
[25] EN
[54] **EXIT DEVICE MOUNT WITH CLOSED TERMINATION**
[54] **INSTALLATION DE DISPOSITIF DE SORTIE AYANT UNE EXTREMITE FERMEE**
[72] HARRIS, THOMAS, US
[72] EVELAND, DAVID, US
[72] KELLY, JOHN F., III, US
[73] ASSA ABLOY INC., US
[86] (2919900)
[87] (2919900)
[22] 2016-02-04
[30] US (14/679,078) 2015-04-06

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[25] EN
[54] **CEMENT SET ACTIVATORS FOR SET-DELAYED CEMENT COMPOSITIONS AND ASSOCIATED METHODS**
[54] **ACTIVATEURS DE PRISE DE CIMENT POUR COMPOSITIONS DE CIMENT A PRISE RETARDEE ET PROCEDES ASSOCIES**
[72] BOUL, PETER JAMES, US
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL J., US
[72] AGAPIOU, KYRIACOS, US
[72] BROTHERS, LANCE EVERETT, US
[72] OTIENO, PAULINE AKINYI, US
[72] MORGAN, RONNIE GLEN, US
[72] ADAMS, BAYA, US
[72] HARRIS, CODY GLENN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-08
[86] 2014-09-08 (PCT/US2014/054497)
[87] (WO2015/035281)
[30] US (61/875,233) 2013-09-09
[30] US (14/090,494) 2013-11-26

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[13] C
[51] **Int.Cl. G05B 17/02 (2006.01) B25J 9/18 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **SYSTEM ARCHITECTURE FOR CONTROL SYSTEMS VIA KNOWLEDGE LAYOUT SEARCH**
[54] **ARCHITECTURE DE SYSTEME DESTINEE A DES SYSTEMES DE CONTROLE AU MOYEN DE RECHERCHE DE REPRESENTATION DE CONNAISSANCE**
[72] MARKEY, NIGEL ROBERT, GB
[72] GOMADAM, KARTHIK, US
[72] TUNG, TERESA SHEAUSAN, US
[72] DUGGAN, DESMOND, US
[72] ENEMARK, ALLAN, US
[72] TANEJA, KUNAL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2921033)
[87] (2921033)
[22] 2016-02-16
[30] US (14/695,409) 2015-04-24

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/34 (2012.01) G07F 7/08 (2006.01)**
[25] EN
[54] **FACILITATING SECURE TRANSACTIONS USING A CONTACTLESS INTERFACE**
[54] **FACILITATION DE TRANSACTIONS SECURISEES EN UTILISANT UNE INTERFACE SANS CONTACT**
[72] RAINA, SUNIL, US
[72] SOMANI, AVISHEK, CA
[72] JENNINGS, MICHAEL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2016-02-17
[86] 2014-10-21 (PCT/US2014/061629)
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[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/13 (2012.01) E21B 47/01 (2012.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DETERMINING SURFACE WETTING OF MATERIAL UNDER SUBTERRANEAN WELLBORE CONDITIONS**
[54] **APPAREIL ET METHODE DE DETERMINATION DE L'HUMIDITE DE SURFACE DE MATERIAU DANS DES CONDITIONS DE PUITS DE FORAGE SOUTERRAINS**
[72] PALLA, VENKATA GOPALA RAO, IN
[72] GAJJI, BHARGAV, IN
[72] BARDAPURKAR, SAMEER, IN
[72] PINDIPROLU, SAIRAM K.S., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-18
[86] 2013-09-26 (PCT/US2013/062035)
[87] (WO2015/047282)

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[51] **Int.Cl. B65D 77/06 (2006.01) B65D 30/08 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **FILM FOR FLEXIBLE PACKAGING FOR USE IN BAG IN BOX PACKAGING AND BAGS MADE THEREFROM**
[54] **FILM POUR EMBALLAGE SOUPLE DESTINE A ETRE UTILISE DANS UN EMBALLAGE EN BOITE ET SACHETS FABRIQUES A PARTIR DUDIT FILM**
[72] BELLMORE, DAVID, US
[72] BERGER, KAREN, US
[73] SCHOLLE CORPORATION, US
[85] 2016-02-19
[86] 2014-08-18 (PCT/US2014/051421)
[87] (WO2015/026694)
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[51] **Int.Cl. B05B 1/04 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **FLAT JET NOZZLE, AND USE OF A FLAT JET NOZZLE**
[54] **BUSE A JET PLAT ET UTILISATION D'UNE BUSE A JET PLAT**
[72] HUBER, TOBIAS, DE
[73] LECHLER GMBH, DE
[86] (2922030)
[87] (2922030)
[22] 2016-02-25
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[51] **Int.Cl. A23N 15/06 (2006.01) A23N 15/02 (2006.01)**
[25] EN
[54] **DEVICE FOR SEPARATING STALKS OF FRUITS GROUPED IN BUNCHES AND METHOD FOR SEPARATING STALKS OF FRUITS GROUPED IN BUNCHES**
[54] **DISPOSITIF DE SEPARATION DE FRUITS SUR TIGES GROUPES EN LOTS ET METHODE DE SEPARATION DE FRUITS SUR TIGES GROUPES EN LOTS**
[72] BLANC, CHRISTOPHE, ES
[73] RODA IBERICA, S.L., ES
[86] (2923470)
[87] (2923470)
[22] 2016-03-10
[30] ES (P201530299) 2015-03-10

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[51] **Int.Cl. B65D 5/00 (2006.01) B65D 5/02 (2006.01) B65D 5/50 (2006.01) B65D 85/60 (2006.01)**
[25] EN
[54] **PACKAGING**
[54] **EMBALLAGE**
[72] SELLERS, JULIAN, GB
[72] WETTON, AMY, GB
[72] HORSKY, GIL, CH
[72] MONAGHAN, ROBERT, GB
[72] TURNOCK, RICHARD, GB
[72] RUDDOCK, EDWIN, GB
[73] MONDELEZ UK R&D LIMITED, GB
[85] 2016-03-22
[86] 2014-11-24 (PCT/GB2014/053459)
[87] (WO2015/082876)
[30] GB (1321571.0) 2013-12-06

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[51] **Int.Cl. B65D 5/18 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET DECOUPE DE CARTON**
[72] PSALIDAS, MARIA, AU
[72] LOFTIN, CALEB S., US
[73] MEADWESTVACO PACKAGING SYSTEMS, LLC, US
[86] (2925150)
[87] (2925150)
[22] 2012-02-10
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[54] **DRILL STRING COMPONENTS RESISTANT TO JAMMING**
[54] **COMPOSANTS DE TRAIN DE TIGES RESISTANT AU CALAGE**
[72] DRENTH, CHRISTOPHER L., US
[72] LITTLELY, KEITH WILLIAM, AU
[73] BLY IP INC., US
[86] (2925166)
[87] (2925166)
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[51] **Int.Cl. G06F 13/40 (2006.01)**
[25] EN
[54] **SUPERVISION OF I2S DIGITAL AUDIO BUS**
[54] **SUPERVISION D'UN BUS AUDIO NUMERIQUE I2S**
[72] AYZENSHTAT, LEONID, US
[73] SIEMENS SCHWEIZ AG, CH
[85] 2016-03-24
[86] 2014-03-27 (PCT/EP2014/056234)
[87] (WO2015/043773)
[30] US (14/041,267) 2013-09-30

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[51] **Int.Cl. C08L 23/08 (2006.01) C08K 5/00 (2006.01) C08L 93/04 (2006.01) C09J 193/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING ETHYLENE POLYMERS**
[54] **COMPOSITIONS CONTENANT DES POLYMERES D'ETHYLENE**
[72] LANGE, JOSEPHUS HUBERTUS MARIA, NL
[72] SCHAAPMAN, MARK C., NL
[72] KELDERMAN, ERIK, NL
[73] KRATON CHEMICAL, LLC, US
[85] 2016-03-29
[86] 2014-09-26 (PCT/US2014/057641)
[87] (WO2015/048402)
[30] US (61/883,803) 2013-09-27

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[13] C
[51] **Int.Cl. F03B 17/06 (2006.01) F03B 13/10 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **IN-PIPE TURBINE AND HYDRO-ELECTRIC POWER GENERATION SYSTEM**
[54] **TURBINE MONTEE DANS UNE CANALISATION ET SYSTEME DE GENERATION D'ENERGIE HYDROELECTRIQUE**
[72] BHENDE, UDAY YESHWANT, IN
[72] JOSHI, SANJAY PRAKASH, IN
[72] ADKAR, PRASHANT RAMAKANT, IN
[72] MARATHE, PRANAV SHAM, IN
[72] JOSHI, ASHWIN SHARAD, IN
[72] GANU, SHIRISH MADHAV, IN
[73] KIRLOSKAR ENERGEN PRIVATE LIMITED, IN
[85] 2016-03-31
[86] 2014-09-29 (PCT/IN2014/000626)
[87] (WO2015/052725)
[30] IN (2004/MUM/2012) 2013-10-10
[30] IN (1630/MUM/2014) 2014-05-13

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[13] C
[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/00 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **EVENT CORRELATION ACROSS HETEROGENEOUS OPERATIONS**
[54] **CORRELATION D'EVENEMENTS FONDEE SUR DES OPERATIONS HETEROGENES**
[72] HASSANZADEH, AMIN, US
[72] MODI, SHIMON, US
[72] MULCHANDANI, SHAAN, US
[72] NEGM, WALID, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2926579)
[87] (2926579)
[22] 2016-04-08
[30] US (62/145,248) 2015-04-09
[30] US (14/841,287) 2015-08-31

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[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 14/00 (2006.01) C07K 14/82 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDE HAVING 4 LINKED CTL EPITOPES**
[54] **NOUVEAU PEPTIDE A QUATRE EPITOPES CTL**
[72] FUKAYA, SATOSHI, JP
[72] OSADA, TOSHIHIRO, JP
[72] WADA, HIROSHI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2016-04-18
[86] 2014-10-20 (PCT/JP2014/077807)
[87] (WO2015/060235)
[30] JP (2013-218524) 2013-10-21
[30] JP (2014-155132) 2014-07-30

[11] **2,928,240**
[13] C
[51] **Int.Cl. E04C 2/12 (2006.01) E04C 2/34 (2006.01)**
[25] EN
[54] **CORE LAYER HAVING WOOD ELEMENTS, IN PARTICULAR WOOD ELEMENTS HAVING A CORRUGATED STRUCTURE**
[54] **COUCHE CENTRALE COMPORTANT DES ELEMENTS EN BOIS, NOTAMMENT DES ELEMENTS EN BOIS A STRUCTURE ONDULEE**
[72] ECKSTEIN, THOMAS, DE
[72] MOELLER, ACHIM, DE
[72] DANZER, HANS-JOACHIM, CH
[73] WOOD INNOVATIONS LTD., LI
[85] 2016-04-22
[86] 2014-11-05 (PCT/EP2014/002965)
[87] (WO2015/067362)
[30] EP (13 005 226.9) 2013-11-06

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[13] C
[51] **Int.Cl. H01L 23/40 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **PRESSURE STRUCTURE AND PRESSURE UNIT**
[54] **STRUCTURE DE PRESSAGE ET UNITE DE PRESSAGE**
[72] TAJIMA, NORIHIRO, JP
[72] TERADA, YUSUKE, JP
[72] KAWAI, YOSUKE, JP
[73] NHK SPRING CO., LTD., JP
[85] 2016-04-26
[86] 2014-10-28 (PCT/JP2014/078631)
[87] (WO2015/064572)
[30] JP (2013-223681) 2013-10-28

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[13] C
[51] **Int.Cl. F16L 37/091 (2006.01) F16L 37/00 (2006.01)**
[25] EN
[54] **SELF-LOCKING PUSH-TO-CONNECT INSERT**
[54] **INSERT AUTOBLOQUANT INSTANTANE**
[72] BOBO, DAVID, US
[72] LAFORTUNE, JAMES, US
[72] OLDSEN, DEREK, US
[72] FRISCHE-MOURI, PAUL, US
[72] KELSEY, ROBERT B., US
[72] RINKENBERG, KEN, US
[73] NIBCO INC., US
[85] 2016-04-26
[86] 2014-12-10 (PCT/US2014/069544)
[87] (WO2015/089184)
[30] US (61/914,533) 2013-12-11
[30] US (14/564,293) 2014-12-09

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[13] C
[51] **Int.Cl. G02C 9/04 (2006.01) G02C 7/08 (2006.01)**
[25] EN
[54] **EYEGLASS SYSTEM AND METHOD OF ENGAGEMENT**
[54] **SYSTEME DE LUNETTE ET PROCEDE D'ENGAGEMENT**
[72] RATTELADE, BENOIT M., CA
[73] RATTELADE, BENOIT M., CA
[85] 2016-03-17
[86] 2014-09-16 (PCT/CA2014/050883)
[87] (WO2015/039236)
[30] US (14/030,382) 2013-09-18

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[13] C
[51] **Int.Cl. B01D 45/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR SEPARATING PARTICLES AND METHODS FOR USING SAME**
[54] **APPAREIL DE SEPARATION DE PARTICULES ET SES PROCEDES D'UTILISATION**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] EROGLU, HASAN, US
[72] MCKIBBEN, JOHN FERNEY, US
[72] BARNHOLTZ, STEVEN LEE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2930245)
[87] (2930245)
[22] 2011-06-07
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[25] EN
[54] **SURGICAL INSTRUMENTS AND METHODS FOR PERFORMING TONSILLECTOMY, ADENOIDECTOMY, AND OTHER SURGICAL PROCEDURES**
[54] **INSTRUMENTS CHIRURGICAUX ET METHODES D'EXECUTION D'AMYGDALECTOMIE, D'ADENOIDECTOMIE ET D'AUTRES INTERVENTIONS CHIRURGICALES**
[72] KRASTINS, CRAIG V., US
[72] ALLEN, JAMES D., IV, US
[72] OLSON, JESSICA E.C., US
[72] WEIHE, JASON G., US
[73] COVIDIEN LP, US
[86] (2930309)
[87] (2930309)
[22] 2016-05-18
[30] US (14/719,422) 2015-05-22
[30] US (14/719,434) 2015-05-22
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[25] EN
[54] **METHODS FOR CODING AN INTER-LAYER REFERENCE PICTURE SET (RPS) AND CODING END OF BITSTREAM (EOB) NETWORK ACCESS LAYER (NAL) UNITS IN MULTI-LAYER CODING**
[54] **PROCEDES DE CODAGE D'UN ENSEMBLE D'IMAGES DE REFERENCE (RPS) INTER-COUCHE ET DE CODAGE D'UNITES DE COUCHE D'ACCES AU RESEAU (NAL) DE FIN DE FLUX BINAIRE (EOB) DANS UN CODAGE MULTI-COUCHE**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-05-10
[86] 2014-12-30 (PCT/US2014/072717)
[87] (WO2015/103242)
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[25] EN
[54] **RANGING USING CURRENT PROFILING**
[54] **MESURE DE DISTANCE FAISANT INTERVENIR L'ETABLISSEMENT DE PROFILS DE COURANT**
[72] DONDERICI, BURKAY, US
[72] WU, HSU-HSIANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-11
[86] 2013-12-30 (PCT/US2013/078309)
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[25] EN
[54] **CHILD SAFETY SEAT AND SUPPORT BASE THEREOF**
[54] **SIEGE DE SECURITE POUR ENFANT ET BASE DE SOUTIEN ASSOCIEE**
[72] MASON, KYLE S., US
[72] HANSEL, COLIN P., US
[72] RUGGIERO, ANTHONY V., US
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
[86] (2930939)
[87] (2930939)
[22] 2016-05-24
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[25] EN
[54] **APPARATUS FOR PROCESSING AT LEAST ONE PDU (PROTOCOL DATA UNIT) IN A BROADCAST SYSTEM, METHOD FOR PROCESSING AT LEAST ONE PDU (PROTOCOL DATA UNIT) IN A BROADCAST SYSTEM**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'AU MOINS UNE PDU (UNITE DE DONNEES DE PROTOCOLE) DANS UN SYSTEME DE DIFFUSION**
[72] KWON, WOOSUK, KR
[72] OH, SEJIN, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-05-24
[86] 2014-12-03 (PCT/KR2014/011753)
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[25] EN
[54] **IMPLEMENT WING CASTER WHEEL FOR TRANSPORT**
[54] **ACCESSOIRE DE ROUE PIVOTANTE DE TRANSPORT D'AILE**
[72] HOFMANN, TODD, CA
[72] COLISTRO, VINCENT, CA
[73] SCHULTE INDUSTRIES LTD., CA
[86] (2931729)
[87] (2931729)
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[25] EN
[54] **AGRICULTURAL MICROBIAL INOCULANT COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS INOCULANTES MICROBIENNES DESTINEES A L'AGRICULTURE ET UTILISATIONS ASSOCIEES**
[72] BOBECK, DREW R., US
[72] PEARCE, CEDRIC J., US
[73] KOCH AGRONOMIC SERVICES, LLC, US
[86] (2932067)
[87] (2932067)
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[25] EN
[54] **DIRECT CURRENT MACHINE**
[54] **MACHINE A COURANT CONTINU**
[72] BITZER, PAUL-GERHARD, DE
[72] KAUFFMANN, HARALD, DE
[73] ALBER GMBH, DE
[86] (2932094)
[87] (2932094)
[22] 2016-06-03
[30] DE (10 2015 110 127.0) 2015-06-24

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[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/0481 (2013.01) G09G 3/20 (2006.01) H04N 21/414 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING PRESENTATION OF TEXT, IMAGES AND MOVING IMAGES ON AN ELECTRONIC DEVICE ACCORDING TO AN ORIENTATION OF THE DEVICE**
[54] **SYSTEME ET METHODE DE REGLAGE DE LA PRESENTATION DE TEXTES, D'IMAGES ET D'IMAGES MOBILES SUR UN DISPOSITIF ELECTRONIQUE SELON L'ORIENTATION DE CE DISPOSITIF**
[72] GRIFFIN, JASON, CA
[73] BLACKBERRY LIMITED, CA
[86] (2933167)
[87] (2933167)
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[25] EN
[54] **LOW ANGLE BOTTOM CIRCULATOR SHAPED CHARGE**
[54] **CHARGE A EFFET DIRIGE A CIRCULATEUR DE FOND A ANGLE FAIBLE**
[72] WILSON, SHANE M., US
[73] HUNTING TITAN, INC., US
[85] 2016-06-09
[86] 2015-05-29 (PCT/US2015/033280)
[87] (WO2015/184323)
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[51] **Int.Cl. E21B 47/26 (2012.01) G01V 9/00 (2006.01)**
[25] EN
[54] **REAL-TIME ANALYSIS OF WELLSITE INVENTORY ACTIVITY**
[54] **ANALYSE EN TEMPS REEL DE L'ACTIVITE D'INVENTAIRE SUR UN SITE DE FORAGE**
[72] MOORE, JAMES WILSON, US
[72] HOLTZ, STEPHEN ROBERT, US
[72] MCMILLON, ROD, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-10
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[25] EN
[54] **HIGH-VOLTAGE INSULATOR**
[54] **ISOLANT HAUTE TENSION**
[72] JUNTERMANNS, PAUL, DE
[72] LANGENS, ACHIM, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2933882)
[87] (2933882)
[22] 2016-06-23
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[25] EN
[54] **METHOD FOR THE CONFIGURATION OF ELECTRONIC DEVICES, IN PARTICULAR FOR THE CONFIGURATION OF COMPONENTS OF AN ACCESS CONTROL SYSTEM**
[54] **METHODE DE CONFIGURATION DE DISPOSITIFS ELECTRONIQUES, NOTAMMENT EN VUE DE LA CONFIGURATION DE COMPOSANTES D'UN SYSTEME DE CONTROLE D'ACCES**
[72] KEYSER, YORK, AT
[73] SKIDATA AG, AT
[86] (2934058)
[87] (2934058)
[22] 2016-06-27
[30] EP (15174548.6) 2015-06-30

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[25] EN
[54] **BIOLOGICAL SENSOR AND METHOD FOR PRODUCING SAME**
[54] **CAPTEUR BIOLOGIQUE ET PROCEDE DE CREATION D'UN CAPTEUR BIOLOGIQUE**
[72] ARSENIN, ALEXEY VLADIMIROVICH, RU
[72] STEBUNOV, YURY VIKTOROVICH, RU
[73] MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY (STATE UNIVERSITY), RU
[85] 2016-06-23
[86] 2013-12-09 (PCT/RU2013/001100)
[87] (WO2014/129933)
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[51] **Int.Cl. H04L 12/24 (2006.01) G06Q 10/06 (2012.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR DEVELOPMENT OF IOT SYSTEM ARCHITECTURE**
[54] **SYSTEME DE DEVELOPPEMENT D'UNE ARCHITECTURE SYSTEME IOT**
[72] KAULGUD, VIKRANT S., IN
[72] BHOLA, ADITYA, IN
[72] SUBRAMANIAN, VENKATESH, IN
[72] BASHA NURE, SUBANI, IN
[72] SHARMA, VIBHU SAUJANYA, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2936732)
[87] (2936732)
[22] 2016-07-21
[30] IN (3823/CHE/2015) 2015-07-24
[30] US (15/209,324) 2016-07-13

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[25] EN
[54] **HIGH-STRENGTH FLAT STEEL PRODUCT HAVING A BAINITIC-MARTENSITIC MICROSTRUCTURE AND METHOD FOR PRODUCING SUCH A FLAT STEEL PRODUCT**
[54] **PRODUIT EN ACIER PLAT DE RESISTANCE ELEVEE AYANT UNE TEXTURE A BASE DE BAINITE ET DE MARTENSITE ET PROCEDE DE FABRICATION D'UN TEL PRODUIT EN ACIER PLAT**
[72] KERN, ANDREAS, DE
[72] SCHAFFNIT, ELENA, DE
[72] TSCHERSICH, HANS-JOACHIM, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2016-07-13
[86] 2015-02-03 (PCT/EP2015/052135)
[87] (WO2015/117934)
[30] EP (14154354.6) 2014-02-07

[11] **2,937,077**
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[51] **Int.Cl. C12P 19/04 (2006.01) C08H 8/00 (2010.01) C08B 37/00 (2006.01) D21C 5/00 (2006.01)**
[25] EN
[54] **PROCESS FOR FRACTIONATION OF OLIGOSACCHARIDES FROM AGRI-WASTE**
[54] **PROCEDE DE FRACTIONNEMENT D'OLIGOSACCHARIDES A PARTIR DE DECHETS D'ORIGINE AGRICOLE**
[72] LALI, ARVIND MALLINATH, IN
[72] ODANETH, ANNAMMA ANIL, IN
[72] PEDNEKAR, MUKESH PRABHAKAR, IN
[73] LALI, ARVIND MALLINATH, IN
[85] 2016-07-15
[86] 2015-01-16 (PCT/IB2015/000030)
[87] (WO2015/107413)
[30] IN (155/MUM/2014) 2014-01-16

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[13] C
[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR GRIPPING A TUBULAR ON A DRILLING RIG**
[54] **DISPOSITIF DE PREHENSION DE TUBULAIRE SUR UN APPAREIL DE FORAGE**
[72] ODELL, ALBERT C., II, US
[72] GIROUX, RICHARD LEE, US
[72] LE, TUONG THANH, US
[72] THOMPSON, GARY, US
[72] HEIDECKE, KARSTEN, US
[72] LORENZ, JOERG, DE
[72] BOUTWELL, DOYLE FREDERIC, JR., US
[72] HAYES, MICHAEL, US
[72] PIETRAS, BERND-GEORG, DE
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[86] (2937095)
[87] (2937095)
[22] 2006-12-12
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[30] US (60/749,451) 2005-12-12

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[25] EN
[54] **SWITCHING MODE POWER AMPLIFIER WITH LOAD ISOLATION**
[54] **AMPLIFICATEUR DE PUISSANCE A MODE DE COMMUTATION DOTE D'ISOLEMENT DE CHARGE**
[72] LATURELL, DON, US
[72] PLETERSKI, JAMES, US
[73] SPARTON CORPORATION, US
[86] (2937821)
[87] (2937821)
[22] 2016-08-03
[30] US (62/201,347) 2015-08-05
[30] US (15/220,705) 2016-07-27

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[13] C
[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/02 (2006.01) A01N 25/22 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **STABILIZED EMULSIONS**
[54] **EMULSIONS STABILISEES**
[72] NASH, BRADY, CA
[72] LIU, JUN, CA
[72] FEFER, MICHAEL, CA
[73] SUNCOR ENERGY INC., CA
[86] (2938096)
[87] (2938096)
[22] 2016-08-04

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[13] C
[51] **Int.Cl. C07C 69/738 (2006.01) C08G 65/331 (2006.01) C08G 65/332 (2006.01) C08L 71/00 (2006.01) C10M 115/04 (2006.01) C10M 119/18 (2006.01) C11C 3/00 (2006.01)**
[25] EN
[54] **POLYALKANOIC OR POLYALKENOIC ACID BASED HIGH PERORMANCE, WATER-DILUTABLE LUBRICITY ADDITIVE FOR MULTI-METAL METALWORKING APPLICATIONS**
[54] **ADDITIF LUBRIFIANT HAUT RENDEMENT DILUABLE A L'EAU A BASE D'ACIDE POLYALCANOIQUE OU POLYALCENOIQUE DESTINE A DES APPLICATIONS DE TRAVAIL DE METAUX DIVERS**
[72] BINGEMAN, RON, US
[72] PALMER, CHARLES FRANCIS, JR., US
[72] TANNER, JAMES T., US
[72] WICKER, CALVIN M., JR., US
[73] ETHOX CHEMICALS, LLC, US
[85] 2016-08-02
[86] 2015-02-09 (PCT/US2015/015077)
[87] (WO2015/120418)
[30] US (61/937,490) 2014-02-08
[30] US (14/617,917) 2015-02-09

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[13] C
[51] **Int.Cl. C11D 17/08 (2006.01) C09D 11/037 (2014.01) B65D 65/46 (2006.01)**
[25] EN
[54] **PRINTED WATER SOLUBLE POUCH**
[54] **SACHET IMPRIME SOLUBLE DANS L'EAU**
[72] MURPHY, BRYAN PATRICK, US
[72] BRANDT SANZ, MIGUEL, BE
[72] GABRIELE, ANDREA, BE
[72] LABEQUE, REGINE, BE
[72] CURCIC, NIKOLA, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-04
[86] 2015-03-24 (PCT/US2015/022173)
[87] (WO2015/148461)
[30] US (61/971,019) 2014-03-27

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[13] C
[51] **Int.Cl. F16K 17/04 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **RELIEF VALVE WITH POSITION INDICATION**
[54] **SOUPAPE DE DECHARGE AVEC INDICATION DE POSITION**
[72] ALMAZAN, RAUL H., US
[72] ZAHR, MICHAEL RICHARD ADIB, US
[72] CARUTHERS, JACK, US
[72] LOGA, THOMAS HENRY, US
[72] SEILER, DAVID J., US
[72] CROUCH, JUSTIN BLAKE, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2016-08-10
[86] 2015-01-28 (PCT/US2015/013255)
[87] (WO2015/116659)
[30] US (61/934,913) 2014-02-03

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[13] C
[51] **Int.Cl. A61L 12/12 (2006.01) A61L 12/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISINFECTING CONTACT LENSES**
[54] **SYSTEME POUR LA DESINFECTION DE LENTILLES DE CONTACT**
[72] TUCKER, ROBERT CAREY, US
[73] NOVARTIS AG, CH
[85] 2016-08-15
[86] 2015-03-23 (PCT/US2015/021946)
[87] (WO2015/153159)
[30] US (61/974,574) 2014-04-03

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[13] C
[51] **Int.Cl. A61K 31/216 (2006.01) A61P 19/10 (2006.01)**
[25] EN
[54] **CALEBIN A FOR OSTEOPOROSIS**
[54] **CALEBINE A DESTINEE A L'OSTEOPOROSE**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[73] MAJEED, MUHAMMED, US
[86] (2941050)
[87] (2941050)
[22] 2016-09-02
[30] US (15/228,142) 2016-08-04

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[13] C
[51] **Int.Cl. G06F 9/46 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TOKEN-BASED APPLICATION MANAGEMENT**
[54] **PROCEDES ET SYSTEMES DE GESTION D'APPLICATIONS BASEE SUR DES JETONS**
[72] ABBATE, ALAIN D., US
[72] LEY, DAVID J., US
[72] THOMADSEN, TOMMY, DK
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-08-30
[86] 2015-02-27 (PCT/US2015/017911)
[87] (WO2015/134308)
[30] US (14/200,606) 2014-03-07

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[13] C
[51] **Int.Cl. B01D 53/52 (2006.01) C01C 1/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCED SEPARATION OF HYDROGEN SULFIDE AND AMMONIA IN A HYDROGEN SULFIDE STRIPPER**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA SEPARATION AMELIOREE DE SULFURE D'HYDROGENE ET D'AMMONIAC DANS UN DECAPANT DE SULFURE D'HYDROGENE**
[72] TAYLOR, MARTIN, US
[72] KIMTANTAS, CHARLES, US
[73] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
[85] 2016-08-31
[86] 2015-03-05 (PCT/US2015/019009)
[87] (WO2015/134774)
[30] US (61/948,118) 2014-03-05

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[13] C
[51] **Int.Cl. E04B 1/38 (2006.01) E04B 1/92 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **HOLD DOWN SYSTEM WITH DISTRIBUTED LOADING FOR BUILDING WALLS**
[54] **SYSTEME DE MAINTIEN A CHARGEMENT DISTRIBUE DESTINE AUX MURS DE BATIMENT**
[72] ESPINOSA, THOMAS M., US
[73] CETRES HOLDINGS, LLC, US
[86] (2941954)
[87] (2941954)
[22] 2016-09-15
[30] US (62/219,005) 2015-09-15

[11] **2,943,064**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01) B06B 1/06 (2006.01) H04R 17/00 (2006.01)**
[25] EN
[54] **TRANSDUCER FOR ULTRASONIC FLOW METER**
[54] **TRANSDUCTEUR POUR DEBITMETRE ULTRASONORE**
[72] MEZHERITSKY, ALEX, US
[72] ALLEN, CHARLES ROBERT, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2016-09-16
[86] 2015-03-06 (PCT/US2015/019137)
[87] (WO2015/142542)
[30] US (14/220,294) 2014-03-20

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[13] C
[51] **Int.Cl. F21V 13/04 (2006.01) F21K 9/00 (2016.01) F21V 5/04 (2006.01) F21V 7/04 (2006.01) F21V 17/06 (2006.01)**
[25] EN
[54] **FIELD LIGHT CONTROL SYSTEM FOR LED LUMINAIRES**
[54] **SYSTEME DE CONTROLE D'ECLAIRAGE DE CHAMP DESTINE A DES LUMINAIRES A DEL**
[72] HOU, BIN, US
[72] BRAND, JAMES G., US
[73] ABL IP HOLDING LLC, US
[86] (2943130)
[87] (2943130)
[22] 2016-09-26
[30] US (14/878501) 2015-10-08

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[13] C
[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **SYRINGE**
[54] **SERINGUE**
[72] YEAH, CHIN MIN, CN
[73] CC BIOTECHNOLOGY CORPORATION, CN
[85] 2016-09-22
[86] 2014-04-03 (PCT/CN2014/074713)
[87] (WO2015/149323)

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[13] C
[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/50 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **LOST-CIRCULATION MATERIALS OF TWO DIFFERENT TYPES OF FIBERS**
[54] **COLMATANTS A DEUX TYPES DIFFERENTS DE FIBRE**
[72] WALKER, JONATHAN P., US
[72] WHITFILL, DONALD L., US
[72] SAVARI, SHARATH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C23F 11/02 (2006.01) B65D 90/12 (2006.01)**
[25] EN
[54] **A STORAGE TANK BOTTOM CORROSION PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION CONTRE LA CORROSION DE FOND DE RESERVOIR DE STOCKAGE**
[72] LYUBLINSKI, EFIM YA, US
[72] RAMDAS, GAUTAM, US
[72] VAKS, YEFIM, US
[72] NATALE, TERRY ALAN, US
[72] POSNER, MONIQUE HUMBERT, US
[72] BAKER, KELLY M., US
[72] ROYTMAN, ALEXANDER, US
[73] NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION, US
[85] 2016-09-23
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[25] EN
[54] **DEVICE FOR ATTACHING BALLISTIC PROTECTION ELEMENTS**
[54] **DISPOSITIF DE FIXATION D'ELEMENTS DE PROTECTION BALISTIQUE**
[72] FRANZ, MANUEL, DE
[72] OSTREICHER, MARTIN, DE
[73] RHEINMETALL MAN MILITARY VEHICLES GMBH, DE
[85] 2016-09-28
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[25] EN
[54] **HIGH-STRENGTH STEEL SHEET FOR CONTAINERS AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER A HAUTE RESISTANCE POUR CONTENANT, ET SON PROCEDE DE PRODUCTION**
[72] TADA, MASAKI, JP
[72] SAITO, HAYATO, JP
[72] KOJIMA, KATSUMI, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2016-09-29
[86] 2015-04-23 (PCT/JP2015/002215)
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[25] EN
[54] **FOLDABLE TANK WITH EXTENDED CAPACITY**
[54] **RESERVOIR PLIANT A CAPACITE ETENDUE**
[72] CHRISTENSEN, CHAD A., US
[73] FOLD-DA-TANK COMPANY, US
[86] (2944939)
[87] (2944939)
[22] 2016-10-12
[30] US (62/240,558) 2015-10-13
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[25] EN
[54] **ABSORBENT UNDERWEAR INCLUDING AN ABSORBENT POUCH**
[54] **SOUS-VETEMENT ABSORBANT COMPORTANT UNE POCHETTE ABSORBANTE**
[72] RIHA-SCOTT, FRANTISEK, NZ
[72] DAVEY, MARK NAIRN, NZ
[73] RSD HOLDINGS LIMITED, NZ
[85] 2016-10-07
[86] 2015-04-10 (PCT/NZ2015/000025)
[87] (WO2015/156686)
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[51] **Int.Cl. B03D 1/02 (2006.01) C22B 3/20 (2006.01) C22B 34/34 (2006.01)**
[25] EN
[54] **DEPRESSION OF COPPER AND IRON SULFIDES IN MOLYBDENITE FLOTATION CIRCUITS**
[54] **DEPRESSION DE SULFURES DE CUIVRE ET DE FER DANS DES CIRCUITS DE FLOTTATION DE MOLYBDENITE**
[72] DIMITRIADIS, ALEXANDROS, US
[72] COOK, THEODORE E., US
[73] TESSENDERLO KERLEY, INC., US
[85] 2016-10-07
[86] 2015-04-09 (PCT/US2015/025067)
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[25] EN
[54] **METHOD FOR PRODUCING A STEEL COMPONENT WHICH IS SHAPED BY HOT-FORMING A STEEL SHEET WHICH HAS A METAL COATING**
[54] **METHODE DE PRODUCTION D'UN COMPOSE D'ACIER QUI EST FORME PAR FORMAGE A CHAUD D'UNE TOLE D'ACIER COMPORTANT UN REVETEMENT METALLIQUE**
[72] SCHUHMACHER, BERND, DE
[72] SCHWERDT, CHRISTIAN, DE
[72] SCHROOTEN, AXEL, DE
[72] BAUSE, RALF, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2016-10-12
[86] 2015-04-29 (PCT/EP2015/059397)
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[54] **WATER SEPARATION FROM SLUDGE**
[54] **SEPARATION D'EAU DE LA BOUE**
[72] ROA-ESPINOSA, AICARDO, US
[73] ROA-ESPINOSA, AICARDO, US
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[87] (2945775)
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[51] **Int.Cl. C09D 11/30 (2014.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **INK JET INK COMPOSITIONS FOR DIGITAL MANUFACTURING OF TRANSPARENT OBJECTS**
[54] **COMPOSITIONS D'ENCRE D'IMPRESSION A JET D'ENCRE DESTINEES A LA FABRICATION NUMERIQUE D'OBJETS TRANSPARENTS**
[72] CHOPRA, NAVEEN, CA
[72] KEOSHKERIAN, BARKEV, CA
[72] MOORLAG, CAROLYN, CA
[72] ALLEN, GEOFFREY C., CA
[72] BRETON, MARCEL P., CA
[72] SISLER, GORDON, CA
[73] XEROX CORPORATION, US
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[87] (2945805)
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[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] FONTECCHIO, ADAM K., US
[72] SHELDON, DONALD, US
[72] EISELE, ERIC JON, US
[73] DELOS LIVING LLC, US
[86] (2946367)
[87] (2946367)
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[25] EN
[54] **STRUCTURE HAVING LIQUID FILM ON THE SURFACE THEREOF**
[54] **STRUCTURE COMPORTANT UN FILM LIQUIDE SUR SA SURFACE**
[72] IWAMOTO, SHINYA, JP
[72] AKUTSU, YOSUKE, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2016-10-24
[86] 2015-04-14 (PCT/JP2015/061451)
[87] (WO2015/163189)
[30] JP (2014-091894) 2014-04-25

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PROVIDING PROPPANT SUSPENSION AND CONSOLIDATION IN SUBTERRANEAN TREATMENT OPERATIONS**
[54] **PROCEDES ET COMPOSITIONS DE FOURNITURE DE SUSPENSION D'AGENT DE SOUTENEMENT ET DE CONSOLIDATION DANS DES OPERATIONS DE TRAITEMENT SOUTERRAIN**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[72] CHOPADE, PRASHANT D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TILTING TO SCROLL**
[54] **INCLINAISON POUR DEFILEMENT**
[72] AMERIGE, BRIAN D., US
[72] MATAS, MICHAEL, US
[73] FACEBOOK, INC., US
[86] (2946879)
[87] (2946879)
[22] 2014-03-17
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[54] **NON-BURNING-TYPE FLAVOR INHALER AND COMPUTER-READABLE MEDIUM**
[54] **INHALATEUR D'AROME DU TYPE SANS COMBUSTION ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] YAMADA, MANABU, JP
[72] TAKEUCHI, MANABU, JP
[72] MATSUMOTO, HIROFUMI, JP
[72] TARORA, MASAFUMI, JP
[73] JAPAN TOBACCO INC., JP
[85] 2016-10-26
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[25] EN
[54] **FLEXIBLE DATA CENTER INFRASTRUCTURE DISTRIBUTION**
[54] **DISTRIBUTION D'INFRASTRUCTURES DE CENTRES DE DONNEES FLEXIBLES**
[72] MORALES, OSVALDO P., US
[72] GARDNER, BROCK ROBERT, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2016-10-26
[86] 2015-05-01 (PCT/US2015/028809)
[87] (WO2015/168565)
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[54] **METHOD FOR PURIFYING REFINED LIPID PHASES**
[54] **PROCEDE DE CLARIFICATION DE PHASES LIPIDIQUES RAFFINEES**
[72] DIETZ, MAX, DE
[73] DREI LILIEN PVG GMBH & CO. KG, DE
[73] SE TYLOSE GMBH & CO. KG, DE
[85] 2016-10-28
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[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD FILETE DESTINE A DES TUYAUX EN ACIER**
[72] SUGINO, MASAAKI, JP
[72] GOTO, KUNIO, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **POLYSACCHARIDE-PROTEIN CONJUGATE VACCINES**
[54] **VACCINS CONJUGUES POLYSACCHARIDE-PROTEINE**
[72] LEE, CHE-HUNG ROBERT, US
[72] FRASCH, CARL E., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[87] (2948114)
[22] 2004-08-06
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[54] **LAPAROSCOPE AND ENDOSCOPE CLEANING AND DEFOGGING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE ET DE DESEMBUAGE DE LAPAROSCOPE ET D'ENDOSCOPE**
[72] MILLER, MICHAEL J., US
[72] PEPE, GREGORY, US
[72] BONANO, SAMANTHA, US
[72] LIZAUCKAS, ANTHONY L., III, US
[72] KELLNER, WILLIAM J., US
[73] BUFFALO FILTER LLC, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029479)
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[51] **Int.Cl. B65D 65/40 (2006.01) B65D 1/00 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **STRUCTURAL BODY HAVING LIQUID LAYER ON THE SURFACE THEREOF**
[54] **STRUCTURE AYANT UNE COUCHE LIQUIDE SUR LA SURFACE**
[72] IWAMOTO, SHINYA, JP
[72] AKUTSU, YOSUKE, JP
[72] OKAMOTO, KOTA, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2016-11-07
[86] 2015-05-13 (PCT/JP2015/063725)
[87] (WO2015/182383)
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[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVED ACOUSTIC ENVIRONMENT CHARACTERIZATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AMELIORER LA CARACTERISATION D'ENVIRONNEMENTS ACOUSTIQUES**
[72] KNICKREHM, GLENN, US
[72] BASSUET, ALBAN, US
[72] ELLERINGTON, GEORGE, GB
[72] WOODGER, ANDREW NEILL, GB
[73] CONSTELLATION PRODUCTIONS, INC., US
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[51] **Int.Cl. B65D 1/02 (2006.01)**
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[54] **FACETED CONTAINER**
[54] **RECIPIENT A FACETTES**
[72] BERLEPSCH, JOSEPH ALLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-09
[86] 2015-06-03 (PCT/US2015/033870)
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[51] **Int.Cl. G01B 11/16 (2006.01) G01K 11/32 (2006.01) H01B 7/32 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **DEFORMATION MONITORING SYSTEM FOR ELECTRIC CABLES**
[54] **SYSTEME DE SURVEILLANCE DE LA DEFORMATION DESTINE AUX CABLES ELECTRIQUES**
[72] SARCHI, DAVIDE, IT
[72] KNUEPFER, BERND, IT
[72] KEMNITZ, CARSTEN, IT
[72] GASPARI, ROBERTO, IT
[72] CARL, ARND-GUENTHER, IT
[72] CONSONNI, ENRICO, IT
[72] KITTEL, THOMAS, IT
[72] EWALD, REINER, IT
[73] PRYSMIAN S.P.A., IT
[86] (2948706)
[87] (2948706)
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[51] **Int.Cl. H04N 21/266 (2011.01) H04N 21/6334 (2011.01)**
[25] EN
[54] **PROVISIONING DRM CREDENTIALS ON A CLIENT DEVICE USING AN UPDATE SERVER**
[54] **FOURNITURE DE JUSTIFICATIFS D'IDENTITE DE GDN SUR UN DISPOSITIF CLIENT AU MOYEN D'UN SERVEUR DE MISE A JOUR**
[72] CHAN, TAT KEUNG, US
[72] MEDVINSKY, ALEXANDER, US
[72] MORONEY, PAUL, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-11-08
[86] 2015-05-01 (PCT/US2015/028780)
[87] (WO2015/171454)
[30] US (61/990,248) 2014-05-08
[30] US (14/529,849) 2014-10-31

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[51] **Int.Cl. E21D 20/00 (2006.01)**
[25] EN
[54] **PORTABLE ROCK BOLT STAND**
[54] **SUPPORT DE BOULON D'ANCRAGE PORTATIF**
[72] BROUILLETTE, GEORGES, CA
[73] CITY WELDING SUDBURY (2015) LIMITED, CA
[86] (2948898)
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[25] EN
[54] **POLYMER, POLYMER MODIFIED TITANIUM DIOXIDE PIGMENT, AND METHOD OF FORMING A PIGMENTED PAINT FORMULATION**
[54] **POLYMERE, PIGMENT DIOXYDE DE TITANE MODIFIE AVEC UN POLYMERE, ET PROCEDE DE FORMATION D'UNE FORMULATION DE PEINTURE PIGMENTEE**
[72] SU, QUAN, US
[72] GOPARAJU, VENKATA RAMA RAO, US
[73] TRONOX LLC, US
[85] 2016-11-10
[86] 2016-04-14 (PCT/US2016/027428)
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[25] EN
[54] **ADAPTER FOR A LUMINAIRE CONTROLLER**
[54] **ADAPTATEUR DESTINE A UNE COMMANDE DE LUMINAIRE**
[72] CHAOUA, YOUCEF, CA
[72] MERLING, CONRAD RICHARD, US
[73] GE LIGHTING SOLUTIONS, LLC, US
[86] (2948983)
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[54] **AUTOMATED PACKAGE RELOCATION FROM AN UNMANNED KIOSK**
[54] **DEPLACEMENT AUTOMATISE DE PAQUETS A PARTIR D'UN KIOSQUE SANS EFFECTIF**
[72] TREW, BRANDON KYLE, US
[72] HASSAM, AMEENA, US
[73] GOOGLE LLC, US
[85] 2016-11-14
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[51] **Int.Cl. H04S 7/00 (2006.01) G10L 19/008 (2013.01)**
[25] EN
[54] **OBTAINING SPARSENESS INFORMATION FOR HIGHER ORDER AMBISONIC AUDIO RENDERERS**
[54] **OBTENTION D'INFORMATIONS DE DISPERSION POUR DES MOTEURS DE RENDU AUDIO AMBIOPHONIQUE D'ORDRE SUPERIEUR**
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[72] MORRELL, MARTIN JAMES, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-11-14
[86] 2015-05-29 (PCT/US2015/033262)
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[30] US (62/005,829) 2014-05-30
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[25] EN
[54] **APPARATUS AND METHODS FOR MODIFYING KERATINOUS SURFACES**
[54] **APPAREIL ET PROCEDES DE MODIFICATION DE SURFACE KERATINIQUE**
[72] RABE, THOMAS ELLIOT, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BUSH, STEPHAN GARY, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-14
[86] 2015-06-11 (PCT/US2015/035288)
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[30] US (62/011,846) 2014-06-13

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[51] **Int.Cl. G08B 29/18 (2006.01) G08B 19/00 (2006.01) G08B 25/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SECURITY MONITORING AND CONTROL**
[54] **SURVEILLANCE ET COMMANDE DE SECURITE**
[72] FARRAND, TOBIN E., US
[72] GILLON, WILLIAM M., US
[72] SNOW, KEVIN D., US
[72] KREIN, WILLIAM T., US
[72] BRYAN, DAVID A., US
[73] OOMA, INC., US
[85] 2016-11-15
[86] 2015-05-04 (PCT/US2015/029109)
[87] (WO2015/179120)
[30] US (14/283,132) 2014-05-20

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[13] C
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[54] **PROCESS FOR MANUFACTURING A STEEL STRIP FOR PACKAGING AND ASSOCIATED EQUIPMENT**
[54] **PROCEDE DE FABRICATION D'UNE BANDE D'ACIER POUR EMBALLAGE ET EQUIPEMENT ASSOCIE**
[72] STOUFF, MATHIAS, FR
[72] GLIJER, DAVID, FR
[72] MARQUAIS, THIERRY, FR
[72] LEQUIPPE, GUILLAUME, FR
[72] LECLERC, THIBAULT, FR
[72] FRIEDRICH, MARC, FR
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[54] **LOAD-SUPPORTING SURFACE WITH ACTIVELY CONNECTED GAP SEALS AND RELATED APPARATUS & METHODS**
[54] **SURFACE SUPPORTANT LA CHARGE A JOINTS ECRANS CONNECTES ACTIVEMENT ET APPAREILLAGE ET METHODES ASSOCIES**
[72] BORDELON, RANDY PAUL, US
[72] EDWARDS, RICHARD LAMAR, JR., US
[72] MCDOWELL, JAMES KERWIN, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[85] 2016-11-21
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[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE VAPEUR ELECTRONIQUE**
[72] DICKENS, COLIN, GB
[73] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2016-11-22
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[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS, AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL POUR LA TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL POUR LA RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE POUR LA TRANSMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE POUR LARECEPTION DE SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KO, WOOSUK, KR
[72] BACK, SEOYOUNG, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
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[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS, AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] BACK, SEOYOUNG, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
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[54] **HANDHELD MULTI-SENSOR SYSTEM FOR SIZING IRREGULAR OBJECTS**
[54] **SYSTEME MULTICAPTEUR PORTATIF PERMETTANT DE DEFINIR LA TAILLE D'OBJETS IRREGULIERS**
[72] CHARPENTIER, ALBERT, US
[72] BOYLAN, MICHAEL, US
[72] KUTNICK, ROBERT, US
[72] WORSNOP, KENT, CA
[72] HARVILL, YOUNG, US
[73] BODIDATA, INC., US
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[54] **MODULAR AIRBAG SYSTEM FOR PERSONAL PROTECTION**
[54] **SYSTEME DE COUSSIN DE SECURITE GONFLABLE MODULAIRE POUR LA PROTECTION DE PERSONNES**
[72] DAVIS, JON, US
[72] LEE, RYAN, US
[72] PADUANO, MATTHEW EDWARD, US
[72] ROBBS, AUSTIN, US
[72] TAGUMI, CHRISTOPHER KENJI, US
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[54] **DIRECT HYDRAULIC RAPID RESPONSE MODULE APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MODULE A REPONSE RAPIDE HYDRAULIQUE DIRECTE**
[72] HOLMES, LEWIS, US
[72] DUNCAN, IAIN G., US
[72] MASTERSON, KEVIN, US
[73] FMC TECHNOLOGIES, INC., US
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[25] EN
[54] **MOUNTING SYSTEM FOR OPTICS**
[54] **SYSTEME DE MONTAGE D'OPTIQUES**
[72] BOLTANSKI, RAMI, IL
[73] ALIGN TECHNOLOGY, INC., US
[85] 2016-12-20
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[54] **POUTRELLE DE PORTIERE ANTI-CHOC**
[72] SAWA, YASUNORI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **FLEXIBLE DRIVE SHAFT FOR GREETING CARDS AND THE LIKE**
[54] **TIGE D'ENTRAINEMENT FLEXIBLE DESTINEE A DES CARTES DE SOUHAITS ET AUTRES SEMBLABLES**
[72] BOWEN, DOUGLAS M., US
[72] COVEY, ROBERT A., US
[72] WALLEN, THOMAS A., US
[72] PAVLU, ROBERT R., US
[73] HALLMARK CARDS, INCORPORATED, US
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[25] EN
[54] **METHOD FOR PRODUCING PELLET AND METHOD FOR SMELTING NICKEL OXIDE ORE**
[54] **PROCEDE DE PRODUCTION DE BOULETTES ET PROCEDE DE FUSION DE MINERAI D'OXYDE DE NICKEL**
[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUUJI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **A DEVICE FOR IMPROVING THE FUNCTION OF A HEART VALVE**
[54] **DISPOSITIF ET PROCEDE VISANT A AMELIORER LA FONCTION D'UNE VALVULE CARDIAQUE**
[72] KERANEN, OLLI, SE
[73] MEDTENTIA INTERNATIONAL LTD OY, FI
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[87] (2954317)
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[54] **INSERTION DEVICE WITH SAFETY LOCK**
[54] **DISPOSITIF D'INTRODUCTION AYANT UN VERROU DE SECURITE**
[72] FREY, STEPHAN-MICHAEL, DE
[72] KUBE, OLIVER, DE
[72] RITTINGHAUS, ANDREA, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **CONTROL VALVE**
[54] **VANNE DE COMMANDE**
[72] LOFFLER, GERHARD, DE
[73] OVENTROP GMBH & CO.KG, DE
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[54] **PROCEDE DE PREPARATION D'AMINES D'ISOHEXIDE PRIMAIRES**
[72] ROSE, MARCUS, DE
[72] PALKOVITS, REGINA, DE
[72] PFUTZENREUTER, REBECCA, DE
[72] HAJI BEGLI, ALIREZA, DE
[72] KRONER, CHRISTINE, DE
[73] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHLULE (RWTH) AACHEN, DE
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[54] **ARTICLE EN POLYMERE FLUORE POUR FILTRATION BACTERIENNE**
[72] ZHENG, LEI, US
[72] WIKOL, MICHAEL, US
[72] STRID, JASON, US
[73] W.L. GORE & ASSOCIATES, INC., US
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[54] **DISPOSITIF DESTINE A UNE FIXATION DE SKI DE FOND COMPORTANT UN MODULE DE POINTE ET UN MODULE DE TALON**
[72] STEINKE, MARKUS, DE
[72] KREUZINGER, MICHAEL, DE
[73] STEINKE, MARKUS, DE
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[54] **INTELLIGENT SEA WATER COOLING SYSTEM**
[54] **SYSTEME INTELLIGENT DE REFROIDISSEMENT D'EAU DE MER**
[72] YIN, DAN, US
[72] WERNER, STEFAN, DE
[72] MARTIN, CHRISTIAN, DE
[72] HOFFMAN, MARTIN, DE
[72] MCKINSTRY, DAVID, US
[73] CIRCOR PUMPS NORTH AMERICA, LLC, US
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[54] **INTELLIGENT SEAWATER COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT D'EAU DE MER INTELLIGENT**
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[72] WERNER, STEFAN, DE
[72] LEMCKE, SOEREN, DE
[73] CIRCOR PUMPS NORTH AMERICA, LLC, US
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[54] **PROCEDES OTFS DE CARACTERISATION DE CANAL DE DONNEES ET LEURS UTILISATIONS**
[72] HADANI, RONNY, US
[72] RAKIB, SHLOMO SELIM, US
[73] COHERE TECHNOLOGIES, INC., US
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[72] DREWES, OLAF, DE
[73] SAF-HOLLAND GMBH, DE
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[54] **GESTION DE L'UTILISATION D'ENSEMBLES DE SERVICES PRIVES ET PUBLICS**
[72] BESTERMANN, JOHN RANDOLPH, US
[72] CARTER, WADE E., US
[72] LUMBATIS, KURT ALAN, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2017-01-30
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[54] **SEATING UNIT CONVERTIBLE TO BED**
[54] **UNITE D'ASSISE CONVERTIBLE EN LIT**
[72] MURPHY, MARCUS L., US
[73] ULTRA-MEK, INC., US
[85] 2017-02-03
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[30] US (62/041,264) 2014-08-25
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[54] **GARMENT WITH MULTILAYER INTERNAL ABDOMINAL SUPPORT PANELS**
[54] **VETEMENT DOTE DE PANNEAUX DE SOUTIEN ABDOMINAL INTERNES MULTICOUCHES**
[72] ROUP, HERMAN, US
[73] TALON TECHNOLOGIES, INC., US
[85] 2017-02-08
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[54] **AMPHIPHILIC COMPOUNDS WITH NEUROPROTECTIVE PROPERTIES**
[54] **COMPOSES AMPHIPHILES DOTE DE PROPRIETES NEUROPROTECTRICES**
[72] KUDOVA, EVA, CZ
[72] CHODOUNSKA, HANA, CZ
[72] KAPRAS, VOJTECH, CZ
[72] VYKLICKY, LADISLAV, CZ
[72] VALES, KAREL, CZ
[72] JAHN, ULLRICH, CZ
[73] USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V.V.I., CZ
[73] FYZIOLOGICKY USTAV AV CR, V.V.I., CZ
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[25] EN
[54] **PAYROLL SYSTEM WITH FLEXIBLE DISBURSEMENT OPTIONS**
[54] **SYSTEME DE PAIE AYANT DES OPTIONS DE DEBOURSEMENT SOUPLES**
[72] PARENTO, STEPHEN A., US
[72] HYNES, RONALD CARL, US
[72] SAHGAL, SHEKHAR, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-02-14
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[54] **LINER DRILLING USING RETRIEVABLE BOTTOM-HOLE ASSEMBLY**
[54] **FORAGE A COLONNE PERDUE UTILISANT UN ENSEMBLE DE FOND DE TROU RECUPERABLE**
[72] DE CLUTE-MELANCON, DANIEL AARON, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS FOR PHONETIC INFORMATION SIGNALING**
[54] **PROCEDES DE SIGNALISATION D'INFORMATIONS PHONETIQUES**
[72] DESHPANDE, SACHIN G., US
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2017-02-17
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[54] **MULTIPLE PORT SURGICAL ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES POUR INSTRUMENT CHIRURGICAL A MULTIPLES ORIFICES**
[72] HESS, CHRISTOPHER J., US
[72] WIDENHOUSE, CHRISTOPHER W., US
[72] SHELTON, FREDERICK E., IV, US
[72] GILL, ROBERT P., US
[72] VOEGELE, JAMES W., US
[72] MURRAY, MICHAEL A., US
[72] WEISENBURGH, WILLIAM BRUCE, II, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **TREATMENT OF SUBTERRANEAN FORMATIONS WITH SELF-HEALING RESINS**
[54] **TRAITEMENT DE FORMATIONS SOUTERRAINES A L'AIDE DE RESINES AUTOREPARATRICES**
[72] SALLA, RAJENDER, IN
[72] SHROFF RAMA, MALLIKARJUNA, IN
[72] PRAVESH, JAG, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-03
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[54] **OPTICAL FIBER CABLE, AND METHOD AND APPARATUS FOR MANUFACTURING OPTICAL FIBER CABLE**
[54] **CABLE A FIBRE OPTIQUE, ET METHODE ET APPAREIL DE FABRICATION DE CABLE A FIBRE OPTIQUE**
[72] ITO, NAOTO, JP
[72] OSATO, KEN, JP
[72] YAMANAKA, MASAYOSHI, JP
[72] OKADA, NAOKI, JP
[73] FUJIKURA LTD., JP
[85] 2017-03-09
[86] 2016-08-12 (PCT/JP2016/073723)
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[25] EN
[54] **GANTRY AND QUICK CONNECT MECHANISM FOR INTERCHANGING DRILLING AND BOLTING ASSEMBLIES AND METHOD OF INTERCHANGING BOLTING ASSEMBLIES**
[54] **MECANISME DE SUPPORT MOBILE A RACCORD RAPIDE DESTINE A L'ECHANGE DE MECANISMES DE FORAGE ET VISSAGE ET METHODE D'ECHANGE DE MECANISMES DE VISSAGE**
[72] NELSON, YVES, CA
[73] 1311854 ONTARIO LIMITED, CA
[86] (2960613)
[87] (2960613)
[22] 2017-03-13
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[25] EN
[54] **DOWNHOLE TOOLS COMPRISING SEALING ELEMENTS COMPOSED OF ELASTOMER AND ANHYDROUS ACID PARTICLES**
[54] **OUTILS EN PROFONDEUR DE FORAGE COMPRENANT DES ELEMENTS D'ETANCHEITE COMPOSES D'ELASTOMERE ET DE PARTICULES D'ACIDE ANHYDRE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] BEUTERBAUGH, AARON M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2016-02-01 (PCT/US2016/015885)
[87] (WO2016/204822)
[30] US (PCT/US2015/035823) 2015-06-15
[30] US (PCT/US2015/035812) 2015-06-15
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[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING SLAG OCCURRING IN A COMBUSTION CHAMBER OF A REFUSE INCINERATION PLANT**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SCORIES PRODUITES DANS UNE CHAMBRE DE COMBUSTION D'UN INCINERATEUR DE DECHETS**
[72] BRENNWALD, WERNER, CH
[72] WIESENDORF, VOLKER, CH
[73] HITACHI ZOSEN INOVA AG, CH
[85] 2017-03-15
[86] 2015-07-06 (PCT/EP2015/065305)
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[25] EN
[54] **SYRINGE LABELING DEVICE**
[54] **DISPOSITIF D'ETIQUETAGE DE SERINGUE**
[72] MCKINNON, AUSTIN JASON, US
[72] GISLER, SCOTT WILLIAM, US
[72] MCNEILL, PHILIP C., US
[72] KHURANA, RAHUL, US
[72] DAVIDOCK, DREW, US
[72] GRAF, ROBERT NICHOLAS, US
[72] VERMA, KAUSHAL, US
[72] STACEY, GARY, GB
[72] ROGERS, MARK, GB
[72] RIDLEY, MARK, GB
[72] STOCKS, DAVID, GB
[72] WARD, ALISTAIR, GB
[72] SCHOLAN, ANDREW, GB
[72] MARSHALL, KEITH, GB
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2017-03-16
[86] 2015-10-08 (PCT/US2015/054624)
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[51] **Int.Cl. B08B 9/04 (2006.01) E03C 1/302 (2006.01)**
[25] EN
[54] **DRAIN CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE DRAIN**
[72] PENNY, JACK DANIEL, US
[73] SMART SNAKES LLC, US
[86] (2961845)
[87] (2961845)
[22] 2017-03-23
[30] US (62391475) 2016-05-02
[30] US (15189030) 2016-06-22

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[25] EN
[54] **HIGH FREQUENCY RJ45 PLUG WITH NON-CONTINUOUS PLANES FOR CROSS TALK CONTROL**
[54] **FICHE RJ45 HAUTE FREQUENCE AVEC PLANS NON CONTINUS POUR COMMANDE DE DIAPHONIE**
[72] RAY, JOHN MICHAEL, US
[72] STIKELEATHER, DERRICK F., US
[72] TIMMINS, IAN J., US
[73] OPTICAL CABLE CORPORATION, US
[85] 2017-03-20
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[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING VASCULAR LEAK SYNDROME**
[54] **COMPOSITION DESTINEE A LA PREVENTION OU AU TRAITEMENT DU SYNDROME DE FUITE VASCULAIRE**
[72] KIM, HO MIN, KR
[72] KANG, JI IN, KR
[72] KIM, SUN CHANG, KR
[72] CUI, CHANG HAO, KR
[73] INTELLIGENT SYNTHETIC BIOLOGY CENTER, KR
[85] 2017-03-16
[86] 2016-05-19 (PCT/KR2016/005318)
[87] (WO2017/010673)
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[51] **Int.Cl. E21B 47/02 (2006.01) E21B 7/06 (2006.01) E21B 47/024 (2006.01)**
[25] EN
[54] **BEND ANGLE SENSING ASSEMBLY AND METHOD OF USE**
[54] **ENSEMBLE DE DETECTION D'ANGLE DE COURBURE ET SON PROCEDE D'UTILISATION**
[72] LANGE, GUSTAV EDWARD, CA
[72] KIRKHOPE, KENNEDY JOHN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-21
[86] 2014-10-22 (PCT/US2014/061779)
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[25] EN
[54] **INTRAGASTRIC DEVICE FOR TREATING OBESITY**
[54] **DISPOSITIF INTRAGASTRIQUE POUR TRAITER L'OBESITE**
[72] BASUDE, RAGHUVEER, US
[72] SHARMA, VIRENDER K., US
[73] SYNERZ MEDICAL, INC., US
[85] 2017-03-23
[86] 2015-09-23 (PCT/US2015/051668)
[87] (WO2016/049149)
[30] US (62/054,230) 2014-09-23
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[51] **Int.Cl. G01N 21/89 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COLOR SCANNING A MOVING ARTICLE**
[54] **SYSTEME ET METHODE DE NUMERISATION COULEUR D'UN ARTICLE EN MOUVEMENT**
[72] LEGROS, YVON, CA
[72] GAGNON, RICHARD, CA
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
[86] (2962809)
[87] (2962809)
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[51] **Int.Cl. A61K 31/795 (2006.01) A61K 9/08 (2006.01) A61K 31/715 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **POLYMER SOLUTION FOR VISCO-SUPPLEMENTATION**
[54] **SOLUTION DE POLYMERE DESTINEE A LA VISCO-SUPPLEMENTATION**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2963554)
[87] (2963554)
[22] 2017-04-06
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[51] **Int.Cl. B60N 2/42 (2006.01) A47D 1/10 (2006.01) A47D 13/02 (2006.01)**
[25] EN
[54] **REAR FACING RIDE DOWN SAFETY SEAT**
[54] **SIEGE DE SECURITE INCLINABLE TOURNE VERS L'ARRIERE**
[72] CLEMENT, DAVID, US
[73] DIONO, LLC, US
[85] 2017-04-07
[86] 2015-10-27 (PCT/US2015/057650)
[87] (WO2016/069646)
[30] US (14/528,627) 2014-10-30

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[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **REACTANCE AND CAPACITANCE SENSING PLATFORM FOR DETECTING MICROORGANISMS**
[54] **PLATE-FORME DE DETECTION DE REACTANCE ET DE CAPACITE POUR DETECTER DES MICRO-ORGANISMES**
[72] BEATY, PATRICK SHAWN, US
[72] BRASCH, MICHAEL A., US
[72] HOSMANE, SUNEIL, US
[72] POLLEY, DAVID, US
[72] ROSALES, JULIE L., US
[72] SMITH, KERRY LYNN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2017-04-10
[86] 2015-10-14 (PCT/US2015/055501)
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[25] EN
[54] **FUEL-RESISTANT LIQUID ASPHALT BINDERS AND METHODS OF MAKING THE SAME**
[54] **LIANTS ROUTIERS LIQUIDES RESISTANT AUX CARBURANTS ET LEURS PROCEDES DE PREPARATION**
[72] CORUN, RONALD, US
[73] ASSOCIATED ASPHALT MARKETING, LLC, US
[85] 2017-04-13
[86] 2015-10-09 (PCT/US2015/054946)
[87] (WO2016/060958)
[30] US (14/515,202) 2014-10-15

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[51] **Int.Cl. E06B 7/21 (2006.01) E06B 7/20 (2006.01)**
[25] EN
[54] **SELF-LIFTING SEALING APPARATUS FOR THE BOTTOM EDGE OF A DOOR**
[54] **APPAREIL D'ETANCHEISATION A RELEVEMENT AUTOMATIQUE DESTINE AU BORD DE BAS D'UNE PORTE**
[72] MENG, CHEN YUAN, CN
[73] CMECH (GUANGZHOU), LTD., CN
[86] (2965164)
[87] (2965164)
[22] 2017-04-25
[30] US (15/138,590) 2016-04-26

[11] **2,965,715**
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[51] **Int.Cl. G06F 16/11 (2019.01) G06F 16/16 (2019.01) G06F 16/18 (2019.01) G06F 11/14 (2006.01)**
[25] EN
[54] **DATA PROCESSING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT DE DONNEES**
[72] FANG, XIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-25
[86] 2014-12-27 (PCT/CN2014/095223)
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[25] EN
[54] **POWER GENERATION SYSTEM AND METHOD FOR ASSEMBLING THE SAME**
[54] **SYSTEME DE GENERATION DE PUISSANCE ET PROCEDE D'ASSEMBLAGE ASSOCIE**
[72] WOLFF, BRUCE ERNEST RICHARD, US
[72] BERRY, DOUGLAS EDWIN, US
[72] BOWDICH, MARK DANIEL, US
[72] KRAMER, GERHARD, DE
[72] WOODRUFF, SCOTT DANIEL, US
[73] MTU AMERICA INC., US
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[25] EN
[54] **INSTALLATION AND METHOD FOR WINDING AN ELONGATED FLEXIBLE INDUCTOR**
[54] **INSTALLATION ET METHODE D'ENROULEMENT D'UN INDUCTEUR FLEXIBLE ALLONGE**
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[72] GARCIA VACAS, FRANCISCO, ES
[73] PREMO, S.L., ES
[86] (2966158)
[87] (2966158)
[22] 2017-05-04
[30] EP (EP16380019) 2016-05-05

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[25] EN
[54] **DRY PROSTHETIC HEART VALVE PACKAGING SYSTEM**
[54] **SYSTEME D'EMBALLAGE DE VALVULE CARDIAQUE PROTHETIQUE SEC**
[72] LIBURD, GREGORY G., US
[72] GAUTAM, ABHISHEK, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[86] (2967234)
[87] (2967234)
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[25] EN
[54] **HINGED GREETING CARDS AND GIFT CARD HOLDERS**
[54] **CARTES DE SOUHAITS A CHARNIERE ET SUPPORTS DE CARTE DE SOUHAITS**
[72] MCCLAIN, MARY, US
[72] HIGGINS, SEAN, US
[72] DOVE, JASON, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2967594)
[87] (2967594)
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[51] **Int.Cl. G01C 17/38 (2006.01) G01S 19/05 (2010.01) F41G 3/06 (2006.01) F41G 11/00 (2006.01)**
[25] EN
[54] **OPTOELECTRONIC MEASURING DEVICE HAVING MAGNETIC COMPASS AND COMPENSATION FUNCTIONALITY**
[54] **DISPOSITIF DE MESURE OPTOELECTRONIQUE COMPORTANT UNE BOUSSOLE MAGNETIQUE ET UNE FONCTIONNALITE DE COMPENSATION**
[72] ANNEN, IVO, CH
[72] GNEPF, SILVIO, CH
[73] SAFRAN VECTRONIX AG, CH
[86] (2967833)
[87] (2967833)
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[51] **Int.Cl. B03B 9/04 (2006.01)**
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[54] **SYSTEM AND METHOD FOR RECOVERING METALS FROM A WASTE STREAM**
[54] **SYSTEME ET PROCEDE DE RECUPERATION DE METAUX DANS UN FLUX DE DECHETS**
[72] VALERIO, THOMAS, US
[73] TAV HOLDINGS, INC., US
[85] 2016-11-21
[86] 2015-05-22 (PCT/US2015/032176)
[87] (WO2015/179762)
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[25] FR
[54] **THERMOPLASTIC VANE AND PROCESS**
[54] **PROCEDE ET PALE THERMOPLASTIQUE**
[72] BOSCHET, PATRICK, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2967987)
[87] (2967987)
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[51] **Int.Cl. H01Q 9/42 (2006.01) H01Q 5/25 (2015.01) H01Q 1/44 (2006.01)**
[25] EN
[54] **BROADBAND ANTENNA IN THE CRASH PAD FOR VEHICLE**
[54] **ANTENNE LARGE BANDE DESTINEE AU COUSSIN GONFLABLE D'UN VEHICULE**
[72] YANG, TAE HOON, KR
[72] CHO, SUNG MIN, KR
[72] JU, SANG A., KR
[72] YU, BYEONG CHAN, KR
[72] LIM, SANG HOON, KR
[72] HWANG, JIN KYU, KR
[73] INFAC ELECS CO., LTD., KR
[86] (2968003)
[87] (2968003)
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[30] KR (10-2016-0067483) 2016-05-31

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **QUICK DEPTH ADJUSTMENT FOR PARALLEL ARM OPENERS**
[54] **AJUSTEMENT DE PROFONDEUR RAPIDE D'OUVRE-BRAS PARALLELES**
[72] JAGOW, SCOT, CA
[73] BOURGAULT INDUSTRIES LTD., CA
[86] (2968181)
[87] (2968181)
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[51] **Int.Cl. B62D 11/20 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **DRIVE TRACK AND DRIVE SPROCKET FOR A VEHICLE**
[54] **CHENILLE ET PIGNON A CHAINE D'ENTRAINEMENT DESTINES A UN VEHICULE**
[72] PARD, JEAN-SEBASTIEN, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[86] (2968183)
[87] (2968183)
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[54] **OPTICAL MODULATOR**
[54] **MODULATEUR OPTIQUE**
[72] TSUZUKI, KEN, JP
[72] KAMEI, SHIN, JP
[72] JIZODO, MAKOTO, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[86] 2015-12-08 (PCT/JP2015/006112)
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[51] **Int.Cl. B60C 11/03 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] FUJIOKA, TSUYOSHI, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
[86] (2969727)
[87] (2969727)
[22] 2017-06-05
[30] JP (2016-130527) 2016-06-30

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[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] FUJIOKA, TSUYOSHI, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
[86] (2969737)
[87] (2969737)
[22] 2017-06-05
[30] JP (2016-130572) 2016-06-30

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[51] **Int.Cl. B60C 11/03 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] FUJIOKA, TSUYOSHI, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
[86] (2969747)
[87] (2969747)
[22] 2017-06-05
[30] JP (2016-130536) 2016-06-30

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[51] **Int.Cl. B60C 11/03 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] FUJIOKA, TSUYOSHI, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
[86] (2969752)
[87] (2969752)
[22] 2017-06-05
[30] JP (2016-130532) 2016-06-30

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[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 17/06 (2006.01) B64D 3/00 (2006.01) B64C 3/16 (2006.01) F41J 9/10 (2006.01)**
[25] EN
[54] **AERODYNAMICALLY SHAPED, ACTIVE TOWED BODY**
[54] **CORPS REMORQUE ACTIF DE FORME AERODYNAMIQUE**
[72] HERBER, ANDREAS, DE
[72] KALMBACH, DIRK, DE
[72] GERDES, RUDIGER, DE
[72] BAYER, HANS-JORG, DE
[73] ALFRED-WEGENER-INSTITUT, DE
[85] 2017-06-08
[86] 2015-12-04 (PCT/DE2015/000576)
[87] (WO2016/095886)
[30] DE (10 2014 018 857.4) 2014-12-15

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[13] C
[51] **Int.Cl. B62D 65/00 (2006.01) B23P 21/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ASSEMBLING AUTOMOBILE BODY**
[54] **PROCEDE ET DISPOSITIF D'ASSEMBLAGE DE CARROSSERIE D'AUTOMOBILE**
[72] HADA, KAZUHISA, JP
[72] AKAMI, KAZUKI, JP
[72] SHIMOYAMA, MASAO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2017-06-12
[86] 2015-12-03 (PCT/JP2015/084018)
[87] (WO2016/104097)
[30] JP (2014-264155) 2014-12-26

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[54] **ISOLATION OF STEM/PROGENITOR CELLS FROM AMNIOTIC MEMBRANE OF UMBILICAL CORD**
[54] **ISOLEMENT DE CELLULES SOUCHES/PROGENITRICES ISSUES DE LA MEMBRANE AMNIOTIQUE DU CORDON OMBILICAL**
[72] PHAN, TOAN-THANG, SG
[72] LIM, IVOR JIUN, SG
[73] CELLRESEARCH CORPORATION PTE LTD, SG
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[54] **CREATININE BIOSENSOR AND METHOD OF USING THE SAME**
[54] **BIO-CAPTEUR DE CREATININE ET SON PROCEDE D'UTILISATION**
[72] ZHANG, WEI, US
[72] ZHANG, JINGZHONG, US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[25] FR
[54] **CONTROL SYSTEM FOR FLOW OF TURBINED WATER FROM A PLURALITY OF HYDROELECTRIC PLANTS**
[54] **SYSTEME DE PILOTAGE DE DEBIT D'EAU TURBINEE D'UNE PLURALITE D'USINES HYDROELECTRIQUES**
[72] DEPRUGNEY, LUC, FR
[72] ZARATE, JENNIFER, FR
[72] ROBERT, GERARD, FR
[73] ELECTRICITE DE FRANCE, FR
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[54] **TRACKING AND MEASUREMENTS ASSOCIATED WITH CEMENT PLUGS**
[54] **SUIVI ET MESURES ASSOCIES A DES BOUCHONS DE CIMENT**
[72] DIRKSEN, RONALD JOHANNES, US
[72] JONES, DAVID LEONWILL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HEAT AND HYDROGEN GENERATION DEVICE**
[54] **DISPOSITIF DE PRODUCTION DE CHALEUR ET D'HYDROGENE**
[72] TAKESHIMA, SHINICHI, JP
[72] NISHIOKA, HIROMASA, JP
[72] FUJIWARA, KIYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2972132)
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[25] EN
[54] **HEAT AND HYDROGEN GENERATION DEVICE**
[54] **DISPOSITIF DE PRODUCTION DE CHALEUR ET D'HYDROGENE**
[72] TAKESHIMA, SHINICHI, JP
[72] NISHIOKA, HIROMASA, JP
[72] FUJIWARA, KIYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **LUMINOUS BASE**
[54] **BASE LUMINEUSE**
[72] KUO, CHIA-SHIN, TW
[72] KUO, YU-FENG, TW
[73] SAN HO ENTERPRISE CO., LTD., TW
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[25] EN
[54] **MOUNTING DEVICE AND METHOD FOR CONNECTING TWO SUPPORT BEAMS**
[54] **DISPOSITIF D'INSTALLATION ET METHODE DE CONNEXION DE DEUX POUTRES DE SOUTIEN**
[72] LAPLACE, JEAN MICHEL, FR
[73] INTERROLL HOLDING AG, CH
[86] (2972523)
[87] (2972523)
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[54] **ELEMENT RAPPORTE POUR COFFRAGE ET COFFRAGE MUNI D'UN ELEMENT RAPPORTE**
[72] SCHNEIDER, WERNER, DE
[72] RENZ, BERND, DE
[73] PERI GMBH, DE
[85] 2017-07-05
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[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING NAVIGATION SPACE TO PATIENT SPACE IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE D'UN ESPACE DE NAVIGATION AVEC L'ESPACE PATIENT AU COURS D'UN ACTE MEDICAL**
[72] SELA, GAL, CA
[72] LUI, DOROTHY, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] DYER, KELLY NOEL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **CROSSLINKED POLYMER COMPOSITIONS WITH TWO CROSSLINKERS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **COMPOSITIONS DE POLYMERE RETICULE COMPORTANT DEUX AGENTS DE RETICULATION UTILISEES DANS DES OPERATIONS DANS UNE FORMATION SOUTERRAINE**
[72] ZHA, WEIBIN, US
[72] ZHOU, HUI, US
[72] GALINDO, KAY A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-12
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[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**
[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
[72] MORAND, MICHEL, CA
[73] ANGELCARE DEVELOPMENT INC., CA
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[54] **SLICING DISC ASSEMBLY FOR FOOD PROCESSOR**
[54] **ASSEMBLAGE DE DISQUE COULISSANT DESTINE A UN ROBOT CULINAIRE**
[72] ZAKOWSKI, JOSEPH W., US
[72] FUNG, KAM FAI, US
[73] CONAIR CORPORATION, US
[86] (2974751)
[87] (2974751)
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[25] EN
[54] **METHOD FOR PRODUCING ELEMENTAL RHODIUM**
[54] **METHODE DE PRODUCTION DE RHODIUM ELEMENTAIRE**
[72] STETTNER, MARTIN, DE
[72] THIEL, VASCO, DE
[72] FUCHS ALAMEDA, STEFANIE, DE
[72] VOSS, STEFFEN, DE
[73] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE
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[25] EN
[54] **TRAY SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE PLATEAUX**
[72] KABACINSKI, ANDRE F., US
[72] MERRITT, MICHAEL A., US
[72] KAMINSKI, DOUGLAS J., US
[73] INTERMETRO INDUSTRIES CORPORATION, US
[85] 2017-08-10
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[25] EN
[54] **CONTAINER RAMP**
[54] **RAMPE DE CONTENEUR**
[72] MERZ, FRIEDRICH, CA
[73] MERZ, FRIEDRICH, CA
[86] (2976539)
[87] (2976539)
[22] 2017-08-16
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[54] **METHODS FOR IMPROVING PATIENT REGISTRATION**
[54] **METHODES DESTINEES A L'AMELIORATION DE L'ADMISSION DES PATIENTS**
[72] LUI, DOROTHY, CA
[72] SELA, GAL, CA
[72] SIAL, AISHA, CA
[72] MOVAGHATI, SEPIDE, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] CHEN, SEAN, CA
[72] ALEXANDER, SIMON, CA
[72] WITCOMB, NEIL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-17
[86] 2016-05-02 (PCT/CA2016/050506)
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[54] **INDEXABLE SYSTEM FOR SELECT WHEEL ALIGNMENT CORRECTION**
[54] **SYSTEME INDEXABLE PERMETTANT DE SELECTIONNER LA CORRECTION DE L'ALIGNEMENT DES ROUES**
[72] MERRILL, ZACHARY ALEXANDER, US
[72] HANLON, MATTHEW J., US
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2017-08-14
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[51] **Int.Cl. H01L 39/10 (2006.01) H01L 39/22 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND APPARATUS FOR ACTIVE COMPENSATION OF QUANTUM PROCESSOR ELEMENTS**
[54] **SYSTEMES, PROCEDES ET APPAREIL PERMETTANT UNE COMPENSATION ACTIVE D'ELEMENTS DE PROCESSEUR QUANTIQUE**
[72] HARRIS, RICHARD, CA
[72] BERKLEY, ANDREW, CA
[72] JOHANSSON, JAN, CA
[72] JOHNSON, MARK, CA
[72] BUNYK, PAUL, CA
[72] AMIN, MOHAMMAD, CA
[73] D-WAVE SYSTEMS INC., CA
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[87] (2976901)
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[54] **DRILLING RISER WITH DISTRIBUTED BUOYANCY**
[54] **COLONNE MONTANTE DE FORAGE A FLOTTABILITE REPARTIE**
[72] HALLAI, JULIAN DE FREITAS, US
[72] FENZ, DANIEL M., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-08-21
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[87] (WO2016/137718)
[30] US (62/121,065) 2015-02-26
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[51] **Int.Cl. F24F 11/58 (2018.01) F24F 11/62 (2018.01) F24F 11/72 (2018.01)**
[25] EN
[54] **VARIABLE AIR VOLUME MODELING FOR AN HVAC SYSTEM**
[54] **MODELISATION D'UN VOLUME D'AIR VARIABLE POUR UN SYSTEME HVAC**
[72] COWAN, ROBERT J., US
[72] RAYMUNDO, ROBERTITO, US
[72] WALKER, JAMES JOHN, US
[72] AHMED, OSMAN, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2017-08-22
[86] 2016-02-24 (PCT/US2016/019317)
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[51] **Int.Cl. H04L 12/58 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR DETECTING SUSPICIOUS ELECTRONIC MESSAGES**
[54] **TECHNIQUE DE DETECTION DE MESSAGES ELECTRONIQUES SUSPECTS**
[72] HAGER, MARTIN, DE
[72] GRAUVOGL, MICHAEL, DE
[73] RETARUS GMBH, DE
[86] (2977807)
[87] (2977807)
[22] 2017-08-30
[30] EP (16 189 472.0) 2016-09-19

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[25] EN
[54] **LIGHT EMITTING DIODE (LED) LIGHTING DEVICE OR LAMP WITH CONFIGURABLE LIGHT QUALITIES**
[54] **LAMPE OU DISPOSITIF D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE (DEL) A CARACTERISTIQUES D'ECLAIRAGE CONFIGURABLES**
[72] HALLIWELL, BRIAN, US
[73] FEIT ELECTRIC COMPANY, INC., US
[86] (2979887)
[87] (2979887)
[22] 2017-09-22
[30] US (15/274,575) 2016-09-23

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[25] EN
[54] **SELF POSITIONING FLOATING PLATFORM AND METHOD OF USE**
[54] **PLATE-FORME FLOTTANTE A POSITIONNEMENT AUTOMATIQUE ET PROCEDE D'UTILISATION**
[72] ROPER, RICHARD ROBERT, US
[72] STEWART, CHRISTOPHER SCOTT, US
[72] ALCORN, JUSTIN DOW, US
[72] LEPPARD, STEVEN ANDREW, US
[73] ENSCO INTERNATIONAL INCORPORATED, US
[85] 2017-09-15
[86] 2016-03-18 (PCT/US2016/023222)
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[30] US (14/663,698) 2015-03-20

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[25] EN
[54] **BIO-METHANOL PRODUCTION**
[54] **PRODUCTION DE BIOMETHANOL**
[72] MACGREGOR, NORMAN J., CA
[73] ULTRA CLEAN ECOLENE INC., CA
[86] (2980573)
[87] (2980573)
[22] 2017-09-28

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[51] **Int.Cl. G03B 19/18 (2006.01) G03B 17/55 (2006.01) H04N 5/225 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **MODULAR MOTION CAMERA**
[54] **CAMERA DE MOUVEMENT MODULAIRE**
[72] JANNARD, JAMES H., US
[72] LAND, PETER JARRED, US
[72] LEVER, SEAN, US
[72] SMITH, CRAIG, US
[72] BERK, TODD, US
[72] MCEVILLY, BRIAN, US
[72] HAMMING, JOHN, US
[73] RED.COM, LLC, US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025603)
[87] (WO2016/161312)
[30] US (62/142,995) 2015-04-03
[30] US (62/146,162) 2015-04-10
[30] US (62/146,165) 2015-04-10
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[51] **Int.Cl. B02C 13/26 (2006.01) B02C 13/20 (2006.01)**
[25] EN
[54] **COMMINUTING DEVICE**
[54] **DISPOSITIF DE FRAGMENTATION**
[72] SCHARFE, FELIX, DE
[72] SCHARFE, OSCAR, DE
[73] PMS HANDELSKONTOR GMBH, DE
[85] 2017-10-05
[86] 2016-02-11 (PCT/EP2016/052939)
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[30] DE (102015104078.6) 2015-03-18

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[25] EN
[54] **METHOD AND APPARATUS FOR POLYMERISING OLEFINS IN GAS PHASE**
[54] **PROCEDE ET APPAREIL POUR LA POLYMERISATION D'OLEFINES EN PHASE GAZEUSE**
[72] KANELLOPOULOS, VASILEIOS, AT
[72] NYFORS, KLAUS, FI
[72] AGUAYO ARELLANO, PABLO IVAN, AT
[72] WEICKERT, GUNTER, DE
[72] PRINSEN, ERIC-JAN, NL
[73] BOREALIS AG, AT
[85] 2017-10-19
[86] 2016-06-10 (PCT/EP2016/063342)
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[30] EP (15171820.2) 2015-06-12

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[25] EN
[54] **DRIVE SHAFT ACTUATION USING RADIO FREQUENCY IDENTIFICATION**
[54] **ACTIONNEMENT D'ARBRE D'ENTRAINEMENT PAR IDENTIFICATION PAR RADIOFREQUENCE**
[72] GHARIB, HOSSAM MOHAMED, CA
[72] SAMUEL, GEOFFREY ANDREW, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-23
[86] 2015-06-17 (PCT/US2015/036296)
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[51] **Int.Cl. A61B 17/00 (2006.01) A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **SHAPED DELIVERY SHEATH AND METHODS**
[54] **GAINE D'ADMINISTRATION FACONNEE ET PROCEDES**
[72] MATHENA, SCOTT K., US
[72] MCCLURE, RICHARD L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-10-31
[86] 2016-05-04 (PCT/US2016/030797)
[87] (WO2016/191062)
[30] US (62/157,062) 2015-05-05

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[13] C
[51] **Int.Cl. G01R 22/06 (2006.01) G01R 22/10 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DETECTION OF ELECTRICAL THEFT FROM A TRANSFORMER SECONDARY**
[54] **DETECTION DE VOL D'ELECTRICITE AU NIVEAU D'UN TRANSFORMATEUR SECONDAIRE**
[72] DRISCOLL, TIMOTHY JAMES, US
[72] SONDEREGGER, ROBERT, US
[73] ITRON, INC., US
[85] 2017-10-31
[86] 2016-04-29 (PCT/US2016/030120)
[87] (WO2016/178998)
[30] US (14/702,756) 2015-05-03

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[25] EN
[54] **MOTORIZED FULL FIELD ADAPTIVE MICROSCOPE**
[54] **MICROSCOPE ADAPTATIF MOTORISE PLEIN CHAMP**
[72] LEE, TAMMY KEE-WAI, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] PIRON, CAMERON ANTHONY, CA
[72] BAILEY, BRENT ANDREW, CA
[72] SAXENA, SAGAR, CA
[72] CONROY, SEAN ADRIAN, CA
[72] ABHARI, KAMYAR, CA
[72] HYNNA, KAI MICHAEL, CA
[72] SELA, GAL, CA
[72] DYER, KELLY NOEL, CA
[72] RICHMOND, JOSHUA LEE, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-11-07
[86] 2015-09-24 (PCT/CA2015/050948)
[87] (WO2017/049381)

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[73] UBER TECHNOLOGIES, INC., US
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[73] BLEACHR LLC, US
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[54] **MOULAGE PAR COULEE DE LENTILLES DE CONTACT TORIQUES**
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[72] BARRILE-JOSEPHSON, CRAIG A., US
[73] BAUSCH & LOMB INCORPORATED, US
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[54] **POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION**
[72] TAHARA, MASAHIKO, JP
[72] TEZUKA, ATSUSHI, JP
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] KOISHI, AKIFUMI, JP
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[54] **PYRIMIDINYL AND 1,3,5-TRIAZINYL BENZIMIDAZOLES AND THEIR USE IN CANCER THERAPY**
[54] **PYRIMIDINYL ET 1,3,5-TRIAZINYL BENZIMIDAZOLES ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] REWCASTLE, GORDON WILLIAM, NZ
[72] TSANG, KIT YEE, NZ
[72] GAMAGE, SWARNALATHA AKURATIYA, NZ
[72] GIDDENS, ANNA CLAIRE, NZ
[73] MEI PHARMA, INC., US
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[54] **PROCEDE ET APPAREIL DE SELECTION D'INDICATION D'ACTION**
[72] LOMBARDI, MICHAEL J., US
[72] PATEL, MITUL R., US
[72] PIERCE, AMBER M., US
[72] STEVENS, NATALIE J., US
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
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[54] **OPTICAL FIBER ASSEMBLIES, AND METHODS AND APPARATUS FOR THE MANUFACTURE THEREOF**
[54] **ENSEMBLES DE FIBRES OPTIQUES ET PROCEDES ET APPAREIL DE FABRICATION ASSOCIES**
[72] BURNS, RODNEY M., US
[72] FILIPPOV, ANDREY V., US
[72] FREELAND, RILEY S., US
[72] HAWTOF, DANIEL W., US
[72] MCALPINE, WARREN W., US
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[54] **EVENT DE FAITAGE**
[72] VAN WEY, SCOTT CHARLES, US
[73] LIBERTY DIVERSIFIED INTERNATIONAL, INC., US
[85] 2017-12-15
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[54] **ADJUSTABLE PRESSURE RELIEF LATCH**
[54] **VERROU DE DETENTE AJUSTABLE**
[72] DO, THAI, US
[73] ARCONIC INC., US
[85] 2018-01-10
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[54] **SYSTEME OPTIQUE VEHICULAIRE**
[72] MAETA, DAISUKE, JP
[72] ADACHI, TAKAHIRO, JP
[72] MORI, TAKEKI, JP
[72] CHIDA, KAZUMI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE**
[72] TANAKA, DAIKI, JP
[72] YAGUCHI, TATSUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **IMPROVED LINEAR MOTION CONVEYOR**
[54] **CONVOYEUR A MOUVEMENT LINEAIRE AMELIORE**
[72] GROENEWALD, EUGENE, NL
[73] KEY TECHNOLOGY, INC., US
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[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] KANEKO, YOUHEI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **DEMULTIPLEXER/MULTIPLEXER, ANTENNA DEVICE, AND FADING ELIMINATION METHOD**
[54] **MULTIPLEXEUR/DEMULTIPLEXEUR, DISPOSITIF D'ANTENNE ET PROCEDE D'ELIMINATION D'EVANOUISSEMENT**
[72] MORIGUCHI, TATSUJI, JP
[73] NEC CORPORATION, JP
[85] 2018-02-06
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[54] **POWER CONDITIONING SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE REGLAGE DE PUISSANCE ET SON PROCEDE DE COMMANDE**
[72] MATSUMOTO, MICHIHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **AN ELECTRICAL PLUG AND SOCKET ASSEMBLY FOR A SAFETY GROUNDED TREE**
[54] **UN ENSEMBLE DE BOUCHON ET DOUILLE ELECTRIQUE DESTINE UN ARBRE MIS A LA TERRE**
[72] MCRAE, MICHAEL M., US
[73] NATIONAL CHRISTMAS PRODUCTS, INC., US
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[54] **PRIMERS, PROBES AND METHODS FOR NUCLEIC ACID AMPLIFICATION**
[54] **AMORCES, SONDES ET PROCEDES D'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] WANGH, LAWRENCE J., US
[72] RICE, JOHN, US
[72] SANCHEZ, J. AQUILES, US
[72] PIERCE, KENNETH, US
[72] SALK, JESSE, US
[72] REIS, ARTHUR, US
[72] HARTSHORN, CRISTINA, US
[73] BRANDEIS UNIVERSITY, US
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[54] **VEHICLE TRAVELING CONTROL METHOD AND VEHICLE TRAVELING CONTROL DEVICE**
[54] **METHODE DE CONTROLE DE TRAJET DE VEHICULE ET APPAREIL DE CONTROLE DE TRAJET DE VEHICULE**
[72] IWAMOTO, TADASHI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **RAPID DEVELOPMENT MOBILE CANOPY FOR UNDERGROUND MINING**
[54] **ABRI MOBILE A DEVELOPPEMENT RAPIDE DESTINE A L'EXPLOITATION MINIERE SOUTERRAINE**
[72] ELLIOTT, RONALD P., CA
[72] KELSO, BRYAN, CA
[73] NORDIC MINESTEEL TECHNOLOGIES INC., CA
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[54] **SAC FOURRE-TOUT**
[72] FENWICK, JOHN, CA
[73] FENWICK, JOHN, CA
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[87] (2998945)
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[54] **METHOD AND SYSTEM FOR DETERMINING A POSITION OF A MICROPHONE**
[54] **METHODE ET SYSTEME DE DETERMINATION D'UNE POSITION D'UN MICROPHONE**
[72] AYOTTE, MAXIME, CA
[72] DESMET, LAURENT, CA
[73] CAE INC., CA
[86] (3000122)
[87] (3000122)
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[51] **Int.Cl. G01S 5/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VALIDATING A POSITION OF A MICROPHONE**
[54] **METHODE ET SYSTEME DE VALIDATION D'UNE POSITION D'UN MICROPHONE**
[72] AYOTTE, MAXIME, CA
[73] CAE INC., CA
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[51] **Int.Cl. G09B 9/46 (2006.01) B64D 45/04 (2006.01)**
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[54] **METHOD AND SYSTEM FOR DETERMINING A RECIRCULATION EFFECT FROM AN OBSTACLE ON A MAIN ROTOR INDUCED VELOCITY OF A SIMULATED ROTORCRAFT**
[54] **METHODE ET SYSTEME DE DETERMINATION D'UN EFFET DE RECIRCULATION D'UN OBSTACLE SUR LA VITESSE INDUITE D'UN ROTOR PRINCIPAL D'UN GIRAVION SIMULE**
[72] NADEAU BEAULIEU, MICHEL, CA
[72] TARDIF, JEAN, CA
[73] CAE INC., CA
[86] (3000147)
[87] (3000147)
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[51] **Int.Cl. A61K 31/435 (2006.01) A61K 31/245 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF EP4 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF NASH-ASSOCIATED LIVER CANCER**
[54] **UTILISATION D'ANTAGONISTES DU RECEPTEUR EP4 POUR LE TRAITEMENT DE CANCER DU FOIE ASSOCIE A LA STEAOHEPATITE NON ALCOOLIQUE**
[72] OHTANI, NAOKO, JP
[72] KAMACHI, FUMITAKA, JP
[72] LOO, TZE MUN, JP
[72] KOIZUMI, SHINICHI, JP
[72] OKUMURA, TAKAKO, JP
[73] ASKAT INC., JP
[85] 2018-04-04
[86] 2017-11-02 (PCT/JP2017/039680)
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[54] **SYSTEMS AND METHODS FOR REMOTELY OPERATED MACHINE TRAINING**
[54] **SYSTEMES ET METHODES DESTINES A UN ENTRAINEMENT SUR APPAREIL TELECOMMANDE**
[72] DUBE, MARIO, CA
[73] CAE INC., CA
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[87] (3000480)
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[51] **Int.Cl. G01N 3/08 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE EVALUATION OF CORDAGE PRODUCTS**
[54] **EVALUATION NON DESTRUCTIVE DE PRODUITS DE CORDAGE**
[72] MOZSGAI, GREG ZOLTAN, US
[72] PLAIA, JAMES R., US
[72] CHOU, CHIA-TE, US
[73] SAMSON ROPE TECHNOLOGIES, INC., US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/055009)
[87] (WO2017/059365)
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[13] C
[51] **Int.Cl. B29C 41/14 (2006.01)**
[25] EN
[54] **THIN-WALLED ELASTIC PRODUCTS AND METHODS AND SYSTEMS FOR MANUFACTURING SAME**
[54] **PRODUITS ELASTIQUES A PAROI MINCE ET METHODES ET SYSTEMES DE FABRICATION ASSOCIES**
[72] STATON, FIELDING B., US
[72] STRUMPF, DAVID, US
[73] NEWTONOID TECHNOLOGIES, L.L.C., US
[86] (3001220)
[87] (3001220)
[22] 2018-04-12
[30] US (15/604,384) 2017-05-24

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[54] **SYSTEM AND METHOD FOR FLARED LUER CONNECTOR FOR MEDICAL TUBING**
[54] **SYSTEME ET PROCEDE POUR CONNECTEUR LUER EVASE POUR TUBE MEDICAL**
[72] SEALFON, ANDREW I., US
[72] GHESHMI, SIAVASH, US
[73] REPRO-MED SYSTEMS, INC., US
[85] 2018-05-24
[86] 2016-10-21 (PCT/US2016/058056)
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[30] US (62/274,487) 2016-01-04
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[51] **Int.Cl. C22B 3/04 (2006.01) B01D 11/02 (2006.01) C22B 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED METAL RECOVERY DURING ATMOSPHERIC LEACHING OF METAL SULFIDES**
[54] **SYSTEME ET PROCEDE POUR UNE MEILLEURE RECUPERATION DE METAL PENDANT UNE LIXIVIATION ATMOSPHERIQUE DE SULFURES METALLIQUES**
[72] CHAIKO, DAVID J., US
[72] BACZEK, FRANK, US
[72] WALTERS, TOM, US
[72] ROCKS, SALLY, US
[72] EYZAGUIRRE, CARLOS, US
[73] FLSMIDTH A/S, DK
[86] (3010091)
[87] (3010091)
[22] 2015-09-14
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[51] **Int.Cl. F16L 3/233 (2006.01) B65D 63/10 (2006.01) E05B 75/00 (2006.01)**
[25] EN
[54] **ELASTOMER LINED SELF LOCKING TIE**
[54] **ATTACHE AUTOBLOQUANTE REVETUE D'ELASTOMERE**
[72] KING, CREIGHTON, US
[73] LOCK RIGHT LLC, US
[85] 2018-07-20
[86] 2016-01-26 (PCT/US2016/014981)
[87] (WO2016/123140)
[30] US (62/108,010) 2015-01-26
[30] US (62/249,002) 2015-10-30

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[51] **Int.Cl. A47J 31/18 (2006.01) A45F 3/16 (2006.01) A47G 19/22 (2006.01)**
[25] EN
[54] **BEVERAGE MAKER**
[54] **DISPOSITIF DE PREPARATION DE BOISSON**
[72] KALBFLEISCH, ALAN PAUL, CA
[73] KALBFLEISCH, ALAN PAUL, CA
[85] 2018-08-09
[86] 2017-01-27 (PCT/CA2017/050085)
[87] (WO2017/136921)
[30] US (62/293,801) 2016-02-11

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[25] EN
[54] **ANTI-DISTRACTED DRIVER SYSTEM**
[54] **SYSTEME ANTI-DISTRACTION DU CONDUCTEUR**
[72] LIVINGSTON, ANTONY, US
[72] MACHECA, CHRISTOPHER M., US
[73] LIVINGSTON ENTERPRISES LLC, US
[85] 2018-08-15
[86] 2017-02-16 (PCT/US2017/018205)
[87] (WO2017/143086)
[30] US (15/044,388) 2016-02-16

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[51] **Int.Cl. A47F 3/04 (2006.01)**
[25] EN
[54] **REFRIGERATED DISPLAY CASE AND NIGHT COVER THEREFOR**
[54] **VITRINE REFRIGEREE ET SON COUVERCLE DE NUIT**
[72] GREEN, COLIN, GB
[73] THERMASOLUTIONS INTERNATIONAL LIMITED, GB
[85] 2018-08-16
[86] 2018-02-02 (PCT/GB2018/050310)
[87] (WO2018/142155)
[30] EP (PCT/EP2017/052384) 2017-02-03
[30] GB (1708931.9) 2017-06-05
[30] GB (1719553.8) 2017-11-24

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[13] C
[51] **Int.Cl. H04L 27/22 (2006.01)**
[25] EN
[54] **RECEIVING DEVICE**
[54] **APPAREIL DE RECEPTION**
[72] NODA, YASUNORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-17
[86] 2016-02-22 (PCT/JP2016/054982)
[87] (WO2017/145215)

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[13] C
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/24 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[72] SATO, KAZUYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-08-17
[86] 2016-10-17 (PCT/JP2016/080703)
[87] (WO2017/145436)
[30] JP (2016-031632) 2016-02-23

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[13] C
[51] **Int.Cl. H04L 9/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CONTEXTUAL DEVICE LOCKING/UNLOCKING**
[54] **BLOCAGE ET DEBLOCAGE CONTEXTUELS DE DISPOSITIF**
[72] MATUS, JONATHAN ARIE, US
[73] FACEBOOK, INC., US
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[54] **SYSTEME DE DETECTION DE LUMIERE ET DE TELEMETRIE PAR FAISCEAU PLAN**
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[73] HEXCEL CORPORATION, US
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[72] BECKER, ROBERT, DE
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[73] RHEINFELDEN CARBON GMBH & CO. KG, DE
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[73] INTENT IQ, LLC, US
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[71] INNOVATIVE POTENTIAL INC., CA
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[54] **MODULE D'ANTENNE A ONDE PROGRESSIVE AUTOFORMANTE FONDE SUR DES LIGNES DE TRANSMISSION A CONDUCTEUR SIMPLE DESTINE AU CHAUFFAGE ELECTROMAGNETIQUE DE FORMATIONS D'HYDROCARBURE ET METHODE D'UTILISATION**
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[72] OKONIEWSKI, MICHAL M., CA
[71] ACCELEWARE LTD., CA
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[54] **SYSTEMES ET METHODES D'ETABLISSEMENT D'UN RESEAU DE COMMUNICATION EN LIGNE SUR ET D'ALERTE DES UTILISATEURS SUR L'ETAT DE LEUR SANTE MENTALE**
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[54] **SYSTEME ET METHODE DE SECURISATION DU TRANSFERT DE DONNEES ENTRE DISPOSITIFS INFORMATIQUES MOBILES**
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[54] **MATERIAUX D'ELECTRODE SOUS FORME D'ALLIAGE A BASE DE LITHIUM ET LEURS PROCEDES DE FABRICATION**
[72] ZAGHIB, KARIM, CA
[72] ARMAND, MICHEL, FR
[72] BOUCHARD, PATRICK, CA
[72] VERREAULT, SERGE, CA
[72] TURCOTTE, NANCY, CA
[72] LEBLANC, DOMINIC, CA
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[54] **CHAUFFE-MAIN**
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[72] WALDIE, FRASER, CA
[72] TIKUISIS, TONY, CA
[72] CHISHOLM, P. SCOTT, CA
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[72] PRIEUR, PAT, CA
[72] BRESOLIN, JASON, CA
[72] LOACH, BRADY, CA
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[54] **METHODE ET FORMAT DE JEU D'UN TOURNOI SPORTIF**
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[54] **ENSEMBLE DE PORTE DE GARAGE HORIZONTALE**
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[71] CONTOUR CLOSURES, INC., US
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[54] **APPAREIL D'EXERCICE PORTATIF**
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[72] THERRIAULT, DANIEL, CA
[72] LABERGE LEBEL, LOUIS, CA
[72] L'ESPERANCE, GILLES, CA
[72] BOUCHEMIT, ARSLANE, CA
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[72] HOSKINS, SHANE, CA
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[72] NG, YIN MING SAMSON, CA
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[54] **SYSTEME ET METHODE DE GESTION DE LA LIVRAISON DE BIENS**
[72] BRANDWINE, GUY, IL
[71] DRAGONTAIL SYSTEMS LTD., IL
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[54] **MODULE DE MICROVIBRATION PIEZOELECTRIQUE INTEGRE DESTINE A DES VANNES**
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[54] **SYSTEME D'AJUSTEMENT DE LA TENSION SUR LES PANNEAUX DE TISSUS ENTRE LES ELEMENTS STRUCTURAUX**
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[72] STUTE, ROBERT JAMES, CA
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[54] **APPAREIL ET METHODE DE PREDICTION DU RESULTAT D'UNE PARTIE DE CURLING**
[72] LEE, SOON WON, KR
[72] CHO, SOO HYUN, KR
[72] PARK, SUNG GEON, KR
[72] HE, GUIJIA, KR
[72] KIM, HEE CHAN, KR
[71] BUTLER NETWORK CO., LTD., KR
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[54] **ENSEMBLE DE VISIONNEUSE DE REALITE VIRTUELLE PLIABLE**
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[72] WALLEN, THOMAS A., US
[72] SCHIMKE, SCOTT A., US
[71] HALLMARK CARDS, INCORPORATED, US
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[54] **CHEMISE DE PROTECTION CONTRE LA CORROSION DESTINEE A UNE ELECTRODE**
[72] SIROLA, BRIEN TODD, CA
[72] BERNI, CHRISTOPHER PAUL, CA
[72] HUGHES, CAITLIN EMMA MORRISSEY, CA
[72] SIROLA, DONALD BRIEN, CA
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[54] **ENTRAINEMENT A L'EQUIPEMENT RESPIRATOIRE**
[72] DICKSTEIN, JUSTIN CLAYTON, US
[72] MOUSSA, MICHAEL R., US
[72] SAVOIE, STEPHEN HILTON, US
[71] BLAST MASK, LLC, US
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[25] EN
[54] **SYSTEM FOR WAVE AMPLIFYING, WAVE ENERGY HARNESSING, AND ENERGY STORAGE**
[54] **SYSTEME D'AMPLIFICATION DES VAGUES, DE RECOLTE D'ENERGIE DES VAGUES ET STOCKAGE D'ENERGIE**
[72] ANGELIEV, CVETAN, CA
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[54] **SYSTEME AUTOMATISE DE DETECTION ET EVITEMENT**
[72] MOSHER, AARON Y., US
[72] SPINELLI, CHARLES B., US
[72] COOK, MORGAN E., US
[71] THE BOEING COMPANY, US
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[54] **PORTABLE COOKING GRILL SYSTEM**
[54] **SYSTEME DE GRILL DE CUISSON PORTATIF**
[72] HOFER, GREG, CA
[71] HOFER, GREG, CA
[22] 2018-05-22
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[25] EN
[54] **METERING SYSTEM FOR AN AGRICULTURAL SYSTEM**
[54] **SYSTEME DE MESURE DESTINE A UN SYSTEME AGRICOLE**
[72] ENGEL, GORDON ANTHONY, CA
[72] ERKER, GREGORY JACOB, CA
[72] RAPLEY, ANTHONY CHARLES, CA
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[51] **Int.Cl. A01G 23/081 (2006.01) H02K 99/00 (2014.01) A01G 23/091 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **ELECTRIC TREE FELLING HEAD AND ASSOCIATED CONTROL SYSTEM FOR A FORESTRY VEHICLE**
[54] **TETE DE COUPE D'ARBRE ELECTRIQUE ET SYSTEME DE CONTROLE ASSOCIE DESTINE A UN VEHICULE FORESTIER**
[72] AGRAWAL, BHUPESH, IN
[72] WEST, SEAN PATRICK, US
[71] DEERE & COMPANY, US
[22] 2018-05-28
[41] 2019-02-11
[30] US (15/674,991) 2017-08-11

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[51] **Int.Cl. F22G 7/00 (2006.01) E21B 43/24 (2006.01) F22G 3/00 (2006.01)**
[25] EN
[54] **ONCE THROUGH STEAM GENERATOR WITH 100% QUALITY STEAM OUTPUT**
[54] **GENERATEUR DE VAPEUR A PASSAGE UNIQUE**
[72] YU, JINJUN, CA
[71] CANADA J-R CONSULTING INC., CA
[22] 2018-05-31
[41] 2019-02-10
[30] US (15674207) 2017-08-10

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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SIMULATION OF AN ASSET INCLUDING MESSAGE PLAYBACK USING NESTED HASH TABLES**
[54] **SIMULATION D'UN ACTIF COMPRENANT LA LECTURE DE MESSAGE AU MOYEN DE TABLES DE HACHAGE IMBRIQUEES**
[72] MALEPORT, JOEL J., US
[71] THE BOEING COMPANY, US
[22] 2018-06-01
[41] 2019-02-11
[30] US (15/674,812) 2017-08-11

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[13] A1
[51] **Int.Cl. D04H 1/54 (2012.01) B29C 70/28 (2006.01)**
[25] EN
[54] **HYBRID NON-WOVEN COMPOSITE PART**
[54] **PIECE COMPOSITE NON TISSEE HYBRIDE**
[72] OGALE, AMOL, US
[71] THE BOEING COMPANY, US
[22] 2018-06-01
[41] 2019-02-14
[30] US (15/676,522) 2017-08-14

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[13] A1
[51] **Int.Cl. B64C 1/06 (2006.01) B64F 5/10 (2017.01) B64C 3/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO INCREASE STRENGTH AND TOUGHNESS OF AIRCRAFT STRUCTURAL COMPONENTS**
[54] **METHODES ET APPAREILS PERMETTANT D'AUGMENTER LA SOLIDITE ET LA RESISTANCE DES COMPOSANTES STRUCTURALES D'AERONEF**
[72] CHENG, JIANGTIAN, US
[72] BEHZADPOUR, FOROUZAN, US
[71] THE BOEING COMPANY, US
[22] 2018-06-12
[41] 2019-02-14
[30] US (15/676,047) 2017-08-14

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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **PURGING SYSTEM FOR MULTIPLE VARIETY SEED METER**
[54] **SYSTEME DE PURGE DESTINE A UN DOSEUR DE SEMENCES DE VARIETE MULTIPLE**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-06-19
[41] 2019-02-16
[30] US (15/678,231) 2017-08-16

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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **MULTIPLE VARIETY SEED METER WITH SEGMENTED FEED PIPE SYSTEM**
[54] **DOSEUR DE SEMENCES DE VARIETE MULTIPLE DOTE D'UN SYSTEME DE TUYAU D'ALIMENTATION SEGMENTE**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2018-06-19
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[51] **Int.Cl. E04B 1/41 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **LIFT ANCHOR FOR PRECAST CONCRETE COMPONENT**
[54] **ANCRAGE DE LEVAGE DESTINE A UNE COMPOSANTE EN BETON PREMOULEE**
[72] JABLONSKY, DAVID S., US
[71] ALP SUPPLY, INC., US
[22] 2018-07-25
[41] 2019-02-10
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[25] EN
[54] **POWER-GENERATION SYSTEM HAVING A COMBINED HEAT AND POWER PLANT AND METHOD FOR POWER GENERATION**
[54] **SYSTEME DE GENERATION D'ELECTRICITE COMPRENANT UNE CENTRALE COMBINEE DE CHAUFFAGE ET D'ELECTRICITE ET METHODE DE GENERATION D'ELECTRICITE**
[72] VON RAVEN, ROBERT, DE
[72] MARTIN, ULRICH, DE
[72] SCHONSTEINER, MAX JOSEF, DE
[71] MARTIN GMBH FUR UMWELT- UND ENERGIETECHNIK, DE
[22] 2018-07-24
[41] 2019-02-10
[30] DE (10 2017 007 547.6) 2017-08-10

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[25] EN
[54] **METHOD FOR THE APPROVAL CONTROL OF A SURGICAL INSTRUMENT TO BE USED IN A SURGICAL ROBOT SYSTEM AND SURGICAL ROBOT SYSTEM**
[54] **METHODE DE CONTROLE D'APPROBATION D'UN INSTRUMENT CHIRURGICAL A UTILISER DANS UN SYSTEME DE ROBOT CHIRURGICAL ET SYSTEME DE ROBOT CHIRURGICAL**
[72] SEEBER, MARCEL, DE
[72] WITT, ROBERTO, DE
[71] AVATERAMEDICAL GMBH, DE
[22] 2018-07-26
[41] 2019-02-11
[30] DE (10 2017 118 347.7) 2017-08-11

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[51] **Int.Cl. F23R 3/42 (2006.01) F02C 3/14 (2006.01) F23R 3/52 (2006.01)**
[25] EN
[54] **VOLUTE COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION A VOLUTE DESTINEE A UNE TURBINE A GAZ**
[72] MONTY, JOSEPH DOUGLAS, US
[72] JACOBSON, JOHN CARL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-07-26
[41] 2019-02-10
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[51] **Int.Cl. G06T 1/00 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **CONTENT BASED IMAGE MANAGEMENT AND SELECTION**
[54] **GESTION ET SELECTION D'IMAGES FONDEES SUR LE CONTENU**
[72] RAMESH, DIVYA, US
[72] FOLKENS, BRAD, US
[71] CLOUDSIGHT, INC., US
[22] 2018-07-26
[41] 2019-02-10
[30] US (62/543,771) 2017-08-10
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[51] **Int.Cl. E21B 33/038 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **SUBSEA ROTATING CONTROL DEVICE APPARATUS HAVING DEBRIS BARRIER**
[54] **APPAREIL DE CONTROLE DE ROTATION SOUS-MARIN COMPORTANT UNE BARRIERE A DEBRIS**
[72] BARELA, JACOB A., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-07-27
[41] 2019-02-16
[30] US (15/678,222) 2017-08-16

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[51] **Int.Cl. A61B 17/068 (2006.01) A61M 36/04 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY STAPLE CAPTURE BUTTRESS**
[54] **BUTTEE DE CAPTURE D'AGRAFE DE BRACHYTHERAPIE**
[72] TAYLOR, JOSEPH J., US
[71] COVIDIEN LP, US
[22] 2018-07-30
[41] 2019-02-11
[30] US (62/544,037) 2017-08-11
[30] US (16/037,229) 2018-07-17

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[13] A1
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[25] EN
[54] **PANEL INSTALLATION APPARATUS**
[54] **APPAREIL D'INSTALLATION DE PANNEAU**
[72] GROSS, JACOB PETR, CA
[72] BRKIC, ANTE, CA
[71] RUWKA INC., CA
[22] 2018-07-31
[41] 2019-02-15
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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 3/00 (2006.01) A61M 5/36 (2006.01)**
[25] EN
[54] **DETECTION OF BUBBLES IN IRRIGATION FLUID**
[54] **DETECTION DE BULLES DANS UN FLUIDE D'IRRIGATION**
[72] PERI, EITAN, IL
[72] ZOUBI, ALAA, IL
[72] BOTZER, LIOR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **WELL CAR SIDE ASSEMBLY**
[54] **MECANSIME LATERAL DE WAGON A EVIDEMENT CENTRAL**
[72] SIVAKUMAR, GANESHAMOORTHY, US
[72] ROBITAILLE, ANDREW, US
[72] BRABB, DAVID C., US
[72] PRABHAKARAN, ANAND, US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2018-08-01
[41] 2019-02-14
[30] US (62/545,087) 2017-08-14
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[51] **Int.Cl. F23D 14/68 (2006.01) F23L 1/00 (2006.01) F23N 1/00 (2006.01)**
[25] EN
[54] **INLET SCREEN ASSEMBLY FOR ULTRA LOW NOX GAS-AIR MIXING SYSTEM**
[54] **ENSEMBLE DE TAMIS D'ENTREE DESTINE A UN SYSTEME DE MELANGE AIR-GAZ NOX ULTRA FAIBLE**
[72] KOWALD, GLENN W., US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-08-02
[41] 2019-02-10
[30] US (15/674,313) 2017-08-10

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[25] EN
[54] **SUPERHEAT CONTROL SCHEME**
[54] **MECANISME DE CONTROLE DE SUPER CHALEUR**
[72] NAJAFIFARD, FARDIS, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-08-02
[41] 2019-02-16
[30] US (15/678,448) 2017-08-16

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[13] A1
[51] **Int.Cl. B23K 26/36 (2014.01) B23K 26/382 (2014.01) B23K 26/08 (2014.01) B23K 26/40 (2014.01)**
[25] EN
[54] **MANUFACTURE OF COOLING HOLES FOR CERAMIC MATRIX COMPOSITE COMPONENTS**
[54] **FABRICATION DE TROUS DE REFROIDISSEMENT DESTINES AUX COMPOSANTES COMPOSITES A MATRICE CERAMIQUE**
[72] PARVIS, ALAN JOSEPH, US
[72] ANDREWS, TIMOTHY FRANCIS, US
[72] BAILEY, MARK SAMUEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-08-02
[41] 2019-02-16
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[51] **Int.Cl. F02C 7/06 (2006.01) C10M 103/06 (2006.01) C10M 107/38 (2006.01) F01D 25/18 (2006.01) F02C 7/36 (2006.01) F04D 29/02 (2006.01) F04D 29/043 (2006.01) F04D 29/06 (2006.01)**
[25] EN
[54] **TURBINE FAN SYSTEM AND METHOD**
[54] **MECANISME DE VENTILATEUR DE TURBINE ET METHODE**
[72] SACHDEVA, DEEPIKA, US
[72] KASHFUDDOJA, MOHAMMAD, US
[72] KAUSHIK, ANSHUL, US
[72] JENKINS, ANDREW JAMES, US
[72] RHOADS, MARK ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-08-02
[41] 2019-02-11
[30] US (15/674,570) 2017-08-11

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[25] EN
[54] **POWER GEARBOX GEAR ARRANGEMENT**
[54] **DISPOSITIF D'ENGRENAGE DE BOITE D'ENGRENAGES ELECTRIQUE**
[72] HASTING, WILLIAM HOWARD, US
[72] BRADLEY, DONALD ALBERT, US
[72] ANTELO, RANDY THOMAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-08-02
[41] 2019-02-14
[30] US (15/675,878) 2017-08-14

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[51] **Int.Cl. F01D 9/02 (2006.01) B33Y 10/00 (2015.01) B22F 3/10 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **INLET FRAME FOR A GAS TURBINE ENGINE**
[54] **CADRE D'ENTREE DESTINE A UNE TURBINE A GAZ**
[72] SLAWINSKA, ESTERA, PL
[72] KORZEPSKI, KRZYSZTOF, PL
[72] MANTEIGA, JOHN ALAN, US
[72] KOLODZIEJCZYK, ARTUR, PL
[71] GENERAL ELECTRIC COMPANY, US
[71] GENERAL ELECTRIC COMPANY POLSKA SP.ZO.O, PL
[22] 2018-08-02
[41] 2019-02-14
[30] EP (17461587.2) 2017-08-14
[30] EP (17196072.7) 2017-10-12

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[51] **Int.Cl. G21G 1/04 (2006.01) C01G 53/00 (2006.01) G21G 1/10 (2006.01) H05H 6/00 (2006.01)**
[25] EN
[54] **TARGET ASSEMBLY AND NUCLIDE PRODUCTION SYSTEM**
[54] **MECANISME CIBLE ET SYSTEME DE PRODUCTION DE NUCLIDE**
[72] PARNASTE, MARTIN, SE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-08-02
[41] 2019-02-15
[30] US (15/677,129) 2017-08-15

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[51] **Int.Cl. F01D 9/04 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **INLET FRAME FOR A GAS TURBINE ENGINE**
[54] **CADRE D'ENTREE DESTINE A UNE TURBINE A GAZ**
[72] SLAWINSKA, ESTERA, PL
[72] KORZEPSKI, KRZYSZTOF, PL
[72] KOLODZIEJCZYK, ARTUR, PL
[72] MANTEIGA, JOHN ALAN, PL
[71] GENERAL ELECTRIC COMPANY, US
[71] GENERAL ELECTRIC COMPANY POLSKA SP.ZO.O, PL
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[30] EP (17461586.4) 2017-08-14
[30] EP (17196075.0) 2017-10-12

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[51] **Int.Cl. B64C 11/18 (2006.01)**
[25] EN
[54] **LOW-NOISE AIRFOIL FOR AN OPEN ROTOR**
[54] **PROFIL AERODYNAMIQUE A FAIBLE BRUIT DESTINE A UN ROTOR OUVERT**
[72] TWEEDT, DANIEL LAWRENCE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-08-02
[41] 2019-02-11
[30] US (15/675,239) 2017-08-11

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[51] **Int.Cl. H01L 31/18 (2006.01) H01L 31/0203 (2014.01) H01L 31/042 (2014.01)**
[25] EN
[54] **PACKAGING METHOD FOR PHOTOVOLTAIC MODULE**
[54] **METHODE DE CONDITIONNEMENT DE MODULE PHOTOVOLTAIQUE**
[72] HUO, YANYIN, CN
[72] CAO, ZHIFENG, CN
[71] BEIJING APOLLO DING RONG SOLAR TECHNOLOGY CO., LTD., CN
[22] 2018-08-03
[41] 2019-02-11
[30] CN (201710685904.6) 2017-08-11

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[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **A RAPID CYCLE PRESSURE SWING ADSORPTION PROCESS AND ADSORBENT LAMINATES FOR USE THEREIN**
[54] **UN PROCEDE D'ADSORPTION A BASCULE DE PRESSION A CYCLE RAPIDE ET LAMELLES ADSORBANTS DESTINES AUDIT PROCEDE**
[72] LIU, JINZHONG, CA
[72] LI, WU, CA
[72] GOLDEN, TIMOTHY CHRISTOPHER, FR
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-08-03
[41] 2019-02-10
[30] US (15/673,791) 2017-08-10

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[51] **Int.Cl. G04C 21/00 (2006.01) G04G 21/00 (2010.01)**
[25] EN
[54] **CLOCK**
[54] **HORLOGE**
[72] SALATANDRE, EDGAR D., CA
[71] SALATANDRE, EDGAR D., CA
[22] 2018-08-07
[41] 2019-02-11
[30] US (62/544,063) 2017-08-11

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[13] A1
[51] **Int.Cl. A61L 2/16 (2006.01) A61B 90/70 (2016.01) A61B 1/00 (2006.01)**
[25] EN
[54] **VOLUME EXPANDERS FOR ENDOSCOPES**
[54] **EXPANSEURS DE VOLUME DESTINES A DES ENDOSCOPES**
[72] MORRISON, TODD, US
[71] ETHICON, INC., US
[22] 2018-08-08
[41] 2019-02-10
[30] US (15/674,000) 2017-08-10

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[51] **Int.Cl. A61B 8/00 (2006.01) A61B 90/00 (2016.01) G06T 7/30 (2017.01) A61B 5/05 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING FACIAL REGISTRATION**
[54] **METHODE ET APPAREIL D'EXECUTION DE L'ENREGISTREMENT FACIAL**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-08-08
[41] 2019-02-10
[30] US (15/673,824) 2017-08-10
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[51] **Int.Cl. F16L 33/08 (2006.01) F16L 33/32 (2006.01)**
[25] EN
[54] **HOSE CLAMP WITH INTEGRAL CLAWS**
[54] **PINCE DE TUYAU DOTEE DE PATTES DE SERRAGE INTEGRALES**
[72] CRUSON, BRIAN, CA
[71] TREAD ENTERPRISES LTD., CA
[22] 2018-08-08
[41] 2019-02-11
[30] US (15784606) 2017-10-16
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[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **CATHETER ANCHOR SYSTEM AND METHOD THEREOF**
[54] **SYSTEME D'ANCRAGE DE CATHETER ET METHODE ASSOCIEE**
[72] OVERSTREET, MYCHAEL A., US
[72] OVERSTREET, SONYA Y., US
[71] OVERSTREET, MYCHAEL A., US
[71] OVERSTREET, SONYA Y., US
[22] 2018-08-09
[41] 2019-02-10
[30] US (16/027,300) 2018-07-04
[30] US (62/543,428) 2017-08-10

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **A MEDICAL SUCTION TOOL FOR A EUSTACHIAN TUBE**
[54] **UN OUTIL D'ASPIRATION MEDICAL DESTINE A UNE TROMPE D'EUSTACHE**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-08-09
[41] 2019-02-10
[30] US (15/674,369) 2017-08-10

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[51] **Int.Cl. A01F 15/08 (2006.01) A01F 15/07 (2006.01) B65B 11/00 (2006.01) B65B 41/16 (2006.01)**
[25] EN
[54] **HYDRAULIC BRAKE FOR WRAP MATERIAL**
[54] **FREIN HYDRAULIQUE DESTINE A UN MATERIAU D'EMBALLAGE**
[72] TALSMA, STEVEN D., US
[72] HARTWICK, TY, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2018-08-08
[41] 2019-02-11
[30] US (62/544,549) 2017-08-11
[30] US (62/547,598) 2017-08-18

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06K 7/10 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **SCANNABLE RECIPE CARD TO ASSOCIATE PURCHASES WITH A RECIPE**
[54] **FICHE DE RECETTE NUMERISABLE DESTINEE AUX ACHATS ASSOCIES A UNE RECETTE**
[72] IANNONE, LOUIS A., US
[71] IANNONE, LOUIS A., US
[22] 2018-08-09
[41] 2019-02-10
[30] US (62/543,602) 2017-08-10
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[13] A1
[51] **Int.Cl. G01B 7/004 (2006.01) A61B 5/06 (2006.01) G01C 9/00 (2006.01)**
[25] EN
[54] **TRACKING A SENSOR THAT INCLUDES A FERROFLUID**
[54] **SURVEILLANCE D'UN CAPTEUR QUI COMPORTE UN FERROFLUIDE**
[72] MIKUSZEIT, NIKOLAI, DE
[71] NORTHERN DIGITAL INC., CA
[22] 2018-08-09
[41] 2019-02-10
[30] US (62/543686) 2017-08-10

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[51] **Int.Cl. A61B 5/06 (2006.01) A61B 17/72 (2006.01)**
[25] EN
[54] **TRACKING A CYLINDRICAL OPENING**
[54] **SURVEILLANCE D'UNE OUVERTURE CYLINDRIQUE**
[72] MIKUSZEIT, NIKOLAI, DE
[72] SCHILLING, CHRISTIAN, CH
[72] ZERRES, OLAF, DE
[72] BRUNNER, GEORG, DE
[72] KIRSCH, STEFAN R., DE
[72] ASHE, WESTLEY S., DE
[72] SCHNEIDER, MARK ROBERT, US
[72] KOGAN, VLADIMIR F., US
[71] NORTHERN DIGITAL INC., CA
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[54] **POUTRE TRANSVERSALE DE PLANCHER EN COMPOSITE ET METHODE DE FABRICATION ASSOCIEE**
[72] MCCLOUD, TRAVIS SMITH, US
[72] STORZ, SCOTT A., US
[72] WYLEZINSKI, ANDRZEJ, US
[72] REICHARD, RONNAL P., US
[72] LEWIT, SCOTT M., US
[71] WABASH NATIONAL, L.P., US
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR SURFACE RENDERING USING MEDICAL IMAGING DATA**
[54] **METHODE, SYSTEME ET APPAREIL DE RENDU DE SURFACE A PARTIR DE DONNEES D'IMAGERIE MEDICALE**
[72] GALLOP, DAVID BRUCE, CA
[72] CHEN, SEAN JY-SHYANG, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., CA
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[54] **APPARATUSES FOR DISTAL FIBULA REPLACEMENT, AND RELATED METHODS**
[54] **APPAREILS DE REMPLACEMENT DE FIBULE DISTALE, ET METHODES ASSOCIEES**
[72] WARNER, MEREDITH, US
[71] HAYWARD SURGICAL, L.L.C., US
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[54] **GAS TURBINE ENGINE**
[54] **TURBINE A GAZ**
[72] POINTON, JAMES M., GB
[72] BRADBROOK, STEPHEN J., GB
[71] ROLLS-ROYCE PLC, GB
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[41] 2019-02-14
[30] GB (1712993.3) 2017-08-14

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[54] **AUXILIARY BASE UNIT WITH INDEPENDENT WIRELESS AUGMENTATION**
[54] **MODULE DE BASE AUXILIAIRE A AUGMENTATION SANS FIL INDEPENDANTE**
[72] BRENNAN, KEVIN, US
[71] NINETY7, INC., US
[22] 2018-08-10
[41] 2019-02-15
[30] US (62/545,828) 2017-08-15
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[54] **EXTRUDED SUPPORT MEMBERS FOR FACILITATING ACCESS TO A VEHICLE AND RELATED METHODS**
[54] **ELEMENTS DE SUPPORT EXTRUDES DESTINES A FACILITER L'ACCES A UN VEHICULE ET METHODES ASSOCIEES**
[72] CRANDALL, ROBERT, US
[71] CRANDALL, ROBERT, US
[22] 2018-08-10
[41] 2019-02-11
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[54] **SELF-PROPELLED VEHICLES WITH EXTENDABLE DEVICES**
[54] **VEHICULES AUTOPROPULSES EQUIPES DE DISPOSITIFS DEPLOYABLES**
[72] GRAHAM, CURT T., US
[72] THOMPSON, KENT L., US
[72] DOCKTER, NATHAN D., US
[72] RECKER, KENT M., US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **SELF-PROPELLED VEHICLES HAVING A STEERING POSITION SENSOR**
[54] **VEHICULES AUTOPROPULSES EQUIPES D'UN CAPTEUR DE POSITION DE DIRECTION**
[72] DOCKTER, NATHAN D., US
[72] RECKER, KENT M., US
[72] THOMPSON, KENT L., US
[72] GRAHAM, CURT T., US
[71] VERMEER MANUFACTURING COMPANY, US
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[54] **MAGNETIC SEAL FOR CONVEYOR BELT ASSEMBLY**
[54] **JOINT MAGNETIQUE DE MECANISME DE COURROIE DE TRANSPORTEUR**
[72] NIX, STEVIE K., US
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
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[54] **BAC D'AGRICULTURE**
[72] HUTCHEON, GEORGE BRUCE, AU
[72] HUTCHEON, HEATH JOHN, AU
[71] COOLAMON STEELWORKS PTY LTD, AU
[22] 2018-08-10
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[54] **TRANSMISSIVE AERIAL IMAGE DISPLAY**
[54] **AFFICHAGE D'IMAGE AERIENNE TRANSMISSIBLE**
[72] RADEL, JASON CARL, CA
[72] PETRUZZIELLO, FERNANDO, CA
[71] 8259402 CANADA INC., CA
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[54] **CATHETER PROTECTOR**
[54] **PROTECTEUR DE CATHETER**
[72] JUTRAS, MONIQUE, CA
[71] CONCEPT H2-ITEX INC., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR REDUCTION OF THE TOTAL ACID NUMBER IN CRUDE OIL**
[54] **SYSTEME ET METHODE DE REDUCTION DE L'INDICE D'ACIDITE TOTALE DANS LE PETROLE BRUT**
[72] RANDAL, CHAD ALLEN, CA
[71] AMPERAGE ENERGY INC., CA
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[54] **SELF-PROPELLED VEHICLES WITH PITCH CONTROL**
[54] **VEHICULES AUTOPROPULSES EQUIPES DE CONTROLE DE PAS**
[72] DOCKTER, NATHAN D., US
[71] VERMEER MANUFACTURING COMPANY, US
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[25] EN
[54] **LIGHT EMITTING DEVICE**
[54] **DISPOSITIF EMETTEUR DE LUMIERE**
[72] MIURA, SOICHIRO, JP
[71] NICHIA CORPORATION, JP
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[54] **USE OF THE COMBINATION OF A CATIONIC POLYSACCHARIDE POLYMER AND AN ANIONIC NON-SOAP SURFACTANT**
[54] **UTILISATION DE LA COMBINAISON D'UN POLYMERE POLYSACCHARIDE CATIONIQUE ET D'UN SURFACTANT SANS SAVON ANIONIQUE**
[72] BOUNIOL, AUDREY CLAIRE FRANCOISE, BE
[72] LINTULA, NEA JANETTE, BE
[72] BOUTIQUE, JEAN-POL, BE
[72] DEPOOT, KAREL JOZEF MARIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODS AND COMPOSITIONS FOR RESISTANCE TO CYST NEMATODES IN PLANTS**
[54] **METHODES ET COMPOSITIONS DE RESISTANCE AUX NEMATODES DES RACINES DANS LES VEGETAUX**
[72] BENT, ANDREW FARMER, US
[72] BAYLESS, ADAM MILTON, US
[72] ZAPOTOCNY, RYAN W., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[22] 2018-08-13
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[54] **METHOD FOR MANUFACTURING COMPONENT**
[54] **METHODE DE FABRICATION DE COMPOSANT**
[72] UMEKAWA, KENGO, JP
[72] NAKAZONO, YUJI, JP
[72] HATTORI, SHINICHIRO, JP
[72] SAKIMOTO, NOBUYA, JP
[71] FUTABA INDUSTRIAL CO., LTD., JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **BAIT CONTAINER**
[54] **CONTENANT D'APPAT**
[72] GNIFFKE, GARY, US
[71] ANGLING INNOVATIONS LLC, US
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[25] EN
[54] **A SAFETY PLUG**
[54] **UN BOUCHON DE SURETE**
[72] SUTTON, LEIGH MAURICE, AU
[71] RATTLEJACK INNOVATIONS PTY LTD, AU
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[54] **DECK MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE D'UNE PLATEFORME**
[72] STUDER, PAUL, US
[72] FRIMMING, MICHAEL, US
[72] STUDER, MICHAEL A., US
[72] ROENKER, DONALD, US
[71] STUDER RESIDENTIAL DESIGNS, INC., US
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[54] **MULTI-PART VALVE ASSEMBLY**
[54] **MECANISME DE VANNE MULTIPIECE**
[72] JOHNSON, DANIEL E., US
[72] COX, EDWARD P., US
[72] PITZER, STARR L., JR., US
[71] VALVEWORKS, LLC, US
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[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01)**
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[54] **ORTHODONTIC CORRECTION DEVICE**
[54] **DISPOSITIF DE CORRECTION ORTHODONTIQUE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
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[54] **PRESSURIZED OIL SYSTEM POWERED BY TWO-STROKE ENGINE**
[54] **SYSTEME D'HUILE SOUS PRESSION ALIMENTE PAR UN MOTEUR DEUX-TEMPS**
[72] FUHRMAN, ALEXANDER KONRAD, US
[72] HAYES, RYAN DOUGLAS, US
[72] ELLSWORTH, ANDREW JON, US
[72] CHRISTENSEN, CORD, US
[72] SABO, DAVID MARK, US
[72] KVENVOLD, DEREK ROBERT, US
[71] ARCTIC CAT INC., US
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[54] **INTERLINKING COLLAR COMPONENTS AND COLLAR DEVICES INCLUDING THE SAME**
[54] **COMPOSANTES DE COLLIER D'INTERLIAISON ET DISPOSITIFS DE COLLIER COMPORTANT LESDITES COMPOSANTES**
[72] BENJAMIN, NATHANAEL, US
[71] BENJAMIN, NATHANAEL, US
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[25] EN
[54] **METHODS AND SYSTEMS FOR CAPTURING BIOMETRIC DATA**
[54] **METHODES ET SYSTEMES DE CAPTAGE DE DONNEES BIOMETRIQUES**
[72] PEREZ-ROVIRA, ADRIA, ES
[71] DAON HOLDINGS LIMITED, KY
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[54] **CLAM HARVESTER**
[54] **RAMMASSEUR DE PALOURDES**
[72] BERTOSON, TERRANCE R., US
[71] BERTOSON, TERRANCE R., US
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[51] **Int.Cl. F16H 21/18 (2006.01) B65B 9/04 (2006.01)**
[25] EN
[54] **SIMPLIFIED LIFT MECHANISM FOR A PACKAGING MACHINE**
[54] **MECANISME DE LEVAGE SIMPLIFIE DESTINE A UNE MACHINE D'EMBALLAGE**
[72] BUCHKO, RAYMOND G., JR., US
[72] GOLLA, RODNEY W., US
[71] CP PACKAGING, INC., US
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[25] EN
[54] **STAND-UP PLASTIC STORAGE BAG WITH REINFORCED BOTTOM GUSSET**
[54] **SAC DE RANGEMENT VERTICAL EN PLASTIQUE DOTE D'UN GOUSSET DE FOND RENFORCE**
[72] BIELKE, GARTH, US
[72] TEERANUKOOL, SOMPOP, TH
[71] INTEPLAST GROUP CORPORATION, US
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[51] **Int.Cl. H04L 29/02 (2006.01) G06Q 20/38 (2012.01) G06F 21/30 (2013.01)**
[25] EN
[54] **APPLICATION SERVER FOR AUTOMATED DATA TRANSFERS AND ASSOCIATED METHODS**
[54] **SERVEUR D'APPLICATION DESTINE AUX TRANSFERTS DE DONNEES AUTOMATISES ET METHODES ASSOCIEES**
[72] FAZELI, MANI, CA
[72] BALAKRISHNAN, NISHKALA, CA
[72] CRUX, FELIX, CA
[72] RAHIMI, REZA, CA
[72] WHITING, LES, CA
[71] FAZELI, MANI, CA
[71] BALAKRISHNAN, NISHKALA, CA
[71] CRUX, FELIX, CA
[71] RAHIMI, REZA, CA
[71] WHITING, LES, CA
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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61B 34/20 (2016.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR RENDERING MEDICAL IMAGE DATA**
[54] **METHODE, SYSTEME ET APPAREIL DE RENDU DE DONNEES D'IMAGERIE MEDICALE**
[72] GALLOP, DAVID BRUCE, CA
[72] ABHARI, KAMYAR, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **COMPOSITIONS DE PIGMENT DE BOIS ET PROCEDES DE TRAITEMENT DE BOIS**
[72] ISLAM, MD SAYFUL, US
[72] ZHANG, JUN, US
[71] KOPPERS PERFORMANCE CHEMICALS INC., US
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[25] EN
[54] **MOBILE BEER-DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE BIERE MOBILE**
[72] GIARRATANO, CECIL E., US
[72] KELLY, JASON M., US
[71] COORS BREWING COMPANY, US
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[54] **ASSEMBLAGE DE CONTENANTS COMPRENANT UN CONTENANT SECONDAIRE AMOVIBLE**
[72] VLAHAKIS, VAN, US
[72] VLAHAKIS-HANKS, KELLY, US
[72] ARKIN, JENNA, US
[72] MILLER, AARON, US
[72] BARRETT, LIZ, US
[72] ROWE, JASON, US
[72] FISHER, SCOTT, US
[71] VENUS LABORATORIES, INC., US
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[54] **EXPERT KNOWLEDGE PLATFORM**
[54] **PLATEFORME DE CONNAISSANCES D'EXPERT**
[72] OLMSTEAD, GREGORY ANDREW, CA
[72] RUMFELS, ERIC, CA
[72] MIGLANI, ADITI, CA
[72] EZAMI, SAHBA, CA
[72] ENE, ADA CRISTIANA, CA
[72] DHARMARETNAM, DHANUSH, CA
[72] BAIN, STEPHEN, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **BOULON DE SOUTIEN SANS MAIN ET METHODE**
[72] BOYER, JOHN D., US
[72] CRANSTON, BRIAN D., US
[71] LSI INDUSTRIES, INC., US
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[54] **AERIAL FLOWABLE MATERIAL DELIVERY TRAILER**
[54] **REMORQUE DE LIVRAISON DE MATIERE ECOULABLE AERIENNE**
[72] CARTER, DAVID (DECEASED), CA
[71] AERIAL TOOL CORPORATION, CA
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[54] **ELECTRONICALLY POWERED WINDOW**
[54] **FENETRE A COMMANDE ELECTRONIQUE**
[72] UNKNOWN, ZZ
[71] FLOE, WAYNE, US
[22] 2018-08-16
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[54] **SYSTEMES ET METHODES DE DETECTION PRECOCE DE FRAUDE**
[72] CHANDRASEKARAN, KARTHIKEYAN, CA
[72] MATHIYAZHAGAN, ROOBINI, CA
[72] PATEL, RUTURAJ MAHESHBHAI, CA
[72] VAZHAYIL, SREENATH, CA
[72] PAGNIELLO, DOMENICO, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **HEAT TRANSFER SHEET ASSEMBLY WITH IMPROVED PEELING**
[54] **ENSEMBLE DE FEUILLET DE TRANSFERT THERMIQUE A DECOLLAGE AMELIORE**
[72] KREKIAN, SHARIS, US
[72] VEYNA, GERARDO, MX
[72] ROMANO, FRANCISCO, US
[72] HONG, LE-HOA, US
[72] WILSON, DOUG, US
[72] SANTHANAM, RAM, US
[71] CCL LABEL, INC., US
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[54] **PLATEFORME DE GENERATION D'OBJETS DE DONNEES AUTHENTIFIES**
[72] HAMASNI, KARIM TALAL, CA
[72] ST.LOUIS, CHARLES PLANT, CA
[72] MILLER, GRAHAM HENRY, CA
[72] FIRAT, ATILLA MURAT, CA
[72] UCHIBEKE, UGOBAME I., CA
[72] LARIZZA, JOE, CA
[72] BAKAGIANNIS, IOANNIS, CA
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[54] **VIRTUAL MACHINE UNDERUTILIZATION DETECTOR**
[54] **DETECTEUR DE SOUS-UTILISATION DE MACHINE VIRTUELLE**
[72] KHANDROS, MARAT, CA
[72] OGHBAEE, AMIRREZA, CA
[72] SYED, ALI, CA
[72] PIRASTEH, KAMRAN, CA
[72] LIN, WEITAO, CA
[72] KRUSH, ALEXANDER MICHAEL, CA
[72] ABBOTT, JACOB ALEXANDER, CA
[71] ROYAL BANK OF CANADA, CA
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[25] EN
[54] **BATTERY POWERED ELECTRIC MOTOR-DRIVEN FIRE PUMP SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE POMPE INCENDIE ENTRAINEE PAR UN MOTEUR ELECTRIQUE ALIMENTE PAR UNE BATTERIE**
[72] GOUPIL, BRUNO, CA
[72] LORRAIN, BENOIT, CA
[72] GOUPIL, MARC, CA
[71] TORNATECH INC., CA
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[25] EN
[54] **A PNEUMATIC/ELECTRIC HYBRID POWER AND DRAG REDUCTION SYSTEM**
[54] **UNE ALIMENTATION DE VEHICULE PNEUMATIQUE/ELECTRIQUE ET UN SYSTEME DE REDUCTION DE LA TRAINEE**
[72] ANTROBUS, CRAIG L., CA
[72] ANTROBUS, CRAIG L., CA
[71] ANTROBUS, CRAIG L., CA
[22] 2018-11-05
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[54] **A VEHICLE PNEUMATIC POWER AND DRAG REDUCTION SYSTEM**
[54] **UNE ALIMENTATION DE VEHICULE PNEUMATIQUE ET UN SYSTEME DE REDUCTION DE LA TRAINEE**
[72] ANTROBUS, CRAIG L., CA
[71] ANTROBUS, CRAIG L., CA
[22] 2018-11-05
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[54] **INTEGRATED APPROACH TO ENHANCE THE PERFORMANCE OF GRAVITY DRAINAGE PROCESSES**
[54] **APPROCHE INTEGREE VISANT A AMELIORER LE RENDEMENT DES PROCEDES DE DRAINAGE PAR GRAVITE**
[72] WANG, JIANLIN, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2018-12-11
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[25] EN
[54] **AN OVERRIDE CONTROL CIRCUIT FOR THE RELIABLE AND SAFE OPERATION OF AN ELECTRICAL SYSTEM**
[54] **UN CIRCUIT DE CONTROLE DE DERIVATION SERVANT AU FONCTIONNEMENT FIABLE ET SUR D'UN SYSTEME ELECTRIQUE**
[72] GEISS, MICHAEL, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[54] **ENSEMBLE ORTHODONTIQUE**
[72] KHOURI, JOHN H., US
[71] KHOURI, JOHN H., US
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[25] EN
[54] **SYSTEM FOR MONITORING DYNAMIC WEIGHING AND SPEED OF VEHICLES ON LANES**
[54] **SYSTEME DE SURVEILLANCE DE PESAGE DYNAMIQUE ET DE VITESSE DE VEHICULES SUR VOIES**
[72] GONCALVES, SERGIO MACHADO, BR
[71] VELSIS SISTEMAS E TECNOLOGIA VIARIA S/A, BR
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[86] 2018-04-18 (PCT/BR2018/050114)
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[54] **CORROSION RESISTANT SUCKER ROD**
[54] **TIGE DE POMPAGE RESISTANT A LA CORROSION**
[72] BADRAK, ROBERT P., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-07-23
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[72] STACHOWIAK, JOHN, JR., US
[72] MARTINEZ, OSCAR E., US
[72] BADRAK, ROBERT P., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **LANCEUR DE CONFETTIS**
[72] WONG, ALFRED, CN
[72] MING, YUEN YIU, CN
[71] HALLMARK CARDS, INCORPORATED, US
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[54] **SYSTEM AND METHOD FOR PROCESSING SIMULTANEOUS CARPOOL REQUESTS**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE DEMANDES SIMULTANEES DE COVOITURAGE**
[72] ZHANG, NIPING, CN
[72] LI, LU, CN
[72] LUO, MINGSHAN, CN
[72] WEI, PUMENG, CN
[72] LIU, MEICHEN, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[25] EN
[54] **INTEGRATED CIRCUIT MODULES AND SMART CARDS INCORPORATING THE SAME**
[54] **MODULES DE CIRCUITS INTEGRES ET CARTES INTELLIGENTES INCORPORANT LESDITS MODULES**
[72] NG, ENG SENG, SG
[72] PANG, SZE YONG, SG
[72] HENG, CHENG KIM, SG
[71] SMARTFLEX TECHNOLOGY PTE LTD, SG
[85] 2018-08-24
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[87] (3015300)
[30] SG (PCT/SG2017/050423) 2017-08-28

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[54] **CONVEYING ASSEMBLY FOR SNOWMAKING APPARATUS**
[54] **ENSEMBLE DE TRANSPORT POUR APPAREIL DE FABRICATION DE NEIGE**
[72] HANDFIELD, LOUIS, CA
[71] INDUSTRIES SAMSON INC., CA
[85] 2018-09-06
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[51] **Int.Cl. A01G 9/029 (2018.01)**
[25] EN
[54] **AIR-ROOT PRUNING PROPAGATION TRAY**
[54] **PLATEAU DE PROPAGATION D'ELAGAGE AERIEN DE RACINES**
[72] MCGRATH, DARBY, CA
[72] HENRY, JASON, CA
[71] VINELAND RESEARCH AND INNOVATIONS CENTRE INC., CA
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[51] **Int.Cl. A61K 31/58 (2006.01) A61K 9/00 (2006.01) A61K 31/335 (2006.01) A61K 31/573 (2006.01) A61P 37/08 (2006.01) B65D 23/00 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF RHINITIS**
[54] **DISPOSITIF DISTRIBUTEUR ET COMPOSITION PHARMACEUTIQUE DESTINES AU TRAITEMENT DE LA RHINITE**
[72] DHUPPAD, ULHAS R., IN
[72] KATKURWAR, ASHOK, IN
[72] GUPTA, YASHWANT, IN
[72] ANKAM, RAJESH, IN
[72] DHATRAK, CHANDRAKANT, IN
[72] KHAIRATKAR-JOSHI, NEELIMA, IN
[72] KULKARNI, ABHAY, IN
[72] WALE, DINESH PRADEEP, IN
[72] BHOSALE, VIKRAM MANSINGH, IN
[72] AGARWAL, PIYUSH, IN
[72] KEOHANE, PATRICK, IN
[72] TANTRY, SUDEESH K., US
[72] OH, CHAD, US
[71] GLENMARK SPECIALTY S.A., CH
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[87] (3023355)
[30] IN (201821014426) 2018-04-16
[30] US (15/903,597) 2018-02-23
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[51] **Int.Cl. G05D 1/00 (2006.01) G05D 1/02 (2006.01)**
[25] FR
[54] **AIRCRAFT AND METHOD OF STABILIZING AN AIRCRAFT**
[54] **AERONEF ET PROCEDE DE STABILISATION D'UN AERONEF**
[72] KUHLMANN, HERVE FRANCOIS, FR
[71] FLYING WHALES, FR
[85] 2018-11-07
[86] 2016-05-12 (PCT/EP2016/060675)
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[51] **Int.Cl. A01K 29/00 (2006.01) A01K 11/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING PASTURE INTAKE**
[54] **SYSTEME DE SURVEILLANCE D'INGESTION D'HERBE DE PATURE**
[72] INGHAM, AARON, AU
[72] RAHMAN, ASHFAQUR, AU
[72] SMITH, DANIEL, AU
[72] BISHOP-HURLEY, GREG, AU
[72] VALENCIA, PHILIP, AU
[72] GREENWOOD, PAUL, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] THE DEPARTMENT OF PRIMARY INDUSTRIES, AN OFFICE OF THE DEPARTMENT OF INDUSTRY, SKILLS AND REGIONAL DEVELOPMENT, AU
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[86] 2017-06-08 (PCT/AU2017/050569)
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[30] AU (2016902238) 2016-06-08
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[54] **BUBBLE GENERATION SYSTEM**
[54] **SYSTEME DE PRODUCTION DE BULLES**
[72] TRAN, MINH SANG, CA
[72] ALEXANDER, CHRIS, CA
[71] GULFSTREAM INC., CA
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[51] **Int.Cl. B65B 11/00 (2006.01) A41D 13/11 (2006.01) B65B 35/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WRAPPING TIES IN A FACEMASK MANUFACTURING PROCESS**
[54] **METHODE ET SYSTEME D'ENTOURAGE D'ATTACHES DANS UN PROCEDE DE FABRICATIOND'UN MASQUE FACIAL**
[72] SPENCER, ANTHONY S., US
[72] PAMPERIN, MARK T., US
[72] WEBER, JOSEPH P., US
[72] STEINDORF, ERIC C., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-12-20
[86] 2017-08-16 (PCT/US2017/047055)
[87] (3028171)

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[51] **Int.Cl. A41D 13/11 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WRAPPING TIES IN A FACEMASK MANUFACTURING PROCESS**
[54] **METHODE ET SYSTEME D'ENTOURAGE D'ATTACHES DANS UN PROCEDE DE FABRICATIONDE MASQUE FACIAL**
[72] PAMPERIN, MARK T., US
[72] WEBER, JOSEPH P., US
[72] HARRINGTON, DAVID L., US
[72] STEINDORF, ERIC C., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-12-21
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[51] **Int.Cl. A41D 13/11 (2006.01) A62B 18/02 (2006.01) B65B 13/02 (2006.01) B65B 25/20 (2006.01) B65B 27/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WRAPPING TIES IN A FACEMASK MANUFACTURING PROCESS**
[54] **METHODE ET SYSTEME D'ENTOURAGE D'ATTACHES DANS UN PROCEDE DE FABRICATION DE MASQUE FACIAL**
[72] STEINDORF, ERIC C., US
[72] SPENCER, ANTHONY S., US
[72] WEBER, JOSEPH P., US
[72] PAMPERIN, MARK T., US
[72] HARRINGTON, DAVID L., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
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[54] **RETRACTABLE LIQUID APPLICATOR DEVICE**
[54] **DISPOSITIF RETRACTABLE APPLICATEUR DE LIQUIDE**
[72] BALLOT, STEPHAN M., US
[72] FORSCHLER, ROBERT D., US
[72] EKSTROM, FRED M., US
[71] FLOCON, INC., US
[85] 2019-01-31
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[54] **FIRE SUPPRESSION SPRINKLER AND DEFLECTOR**
[54] **ASPERSEUR ANTI-INCENDIE ET DEFLECTEUR**
[72] WANCHO, THOMAS F., US
[71] VICTAULIC COMPANY, US
[85] 2019-01-31
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[25] EN
[54] **SMALL MOLECULE THERAPEUTIC COMPOUNDS THAT REDUCE THE INCIDENCE OF INTRACEREBRAL HEMORRHAGE AND BRAIN MICROHEMORRAHGES**
[54] **COMPOSES THERAPEUTIQUES A PETITES MOLECULES REDUISANT L'INCIDENCE DE L'HEMORRAGIE INTRACEREBRALE ET DES MICROHEMORRAGIES CEREBRALES**
[72] WEN, XIAO-YAN, CA
[72] MACDONALD, R., LOCH, US
[72] BAKER, ANDREW, CA
[72] SCHWEIZER, TOM A., CA
[71] UNITY HEALTH TORONTO, CA
[85] 2019-02-01
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[30] US (62/370,077) 2016-08-02

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[51] **Int.Cl. A61K 9/08 (2006.01) A23L 27/00 (2016.01) A61K 31/09 (2006.01) A61K 31/137 (2006.01) A61K 31/167 (2006.01) A61K 31/485 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **MEDICATION WITH IMPROVED TASTE AND SENSORY EXPERIENCE**
[54] **MEDICAMENT AYANT UN GOUT ET UNE PERCEPTION SENSORIELLE AMELIORES**
[72] NAUGHTON, VALERIE JEAN, US
[72] NEWTON, JASON, US
[72] FINDLEY, MOLLY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-01-31
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[51] **Int.Cl. A61M 1/36 (2006.01) A61B 5/1455 (2006.01)**
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[54] **OPTICAL BLOOD DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION OPTIQUE DU SANG**
[72] JAMES, PHILIP SCOTT, US
[72] BARRETT, LEE, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2019-01-31
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[25] EN
[54] **SUPPLEMENT TO SUPPORT HEALTHY HAIR, SKIN, AND NAILS**
[54] **COMPLEMENT FAVORISANT LA SANTE DES CHEVEUX, DE LA PEAU ET DES ONGLES**
[72] TOOMEY, JENNIFER MARIE, US
[72] SCHULICK, PAUL, US
[71] NEW CHAPTER, INC., US
[85] 2019-01-31
[86] 2017-09-11 (PCT/US2017/050907)
[87] (WO2018/049305)
[30] US (62/393,381) 2016-09-12

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[51] **Int.Cl. C09K 11/61 (2006.01) H01L 33/50 (2010.01) C09K 11/02 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIALS HAVING RED EMITTING PHOSPHORS**
[54] **MATERIAUX COMPOSITES COMPORTANT DES SUBSTANCES FLUORESCENTES EMETTANT DANS LE ROUGE**
[72] POROB, DIGAMBER GURUDAS, US
[72] MURPHY, JAMES EDWARD, US
[72] GARCIA, FLORENCIO, US
[72] BREWSTER, MEGAN MARIE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-01-31
[86] 2017-09-15 (PCT/US2017/051705)
[87] (WO2018/032021)
[30] US (15/231,026) 2016-08-08

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[13] A1
[51] **Int.Cl. A61B 17/128 (2006.01) A61B 17/122 (2006.01)**
[25] EN
[54] **MULTIPLE OPENING/CLOSING OF RELOADABLE CLIP**
[54] **OUVERTURE/FERMETURE MULTIPLES D'UN CLIP RECHARGEABLE**
[72] LEHTINEN, LAURIE A., US
[72] RYAN, SHAWN, US
[72] RANDHAWA, NISHANT, IN
[72] CONGDON, DANIEL, US
[71] BOSTON SCIENTIFIC LIMITED, BM
[85] 2019-01-31
[86] 2017-09-19 (PCT/US2017/052273)
[87] (WO2018/057515)
[30] US (62/398,278) 2016-09-22

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 17/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **RFID-BASED RACK INVENTORY MANAGEMENT SYSTEMS**
[54] **SYSTEMES DE GESTION D'INVENTAIRE DE BAIES FONDE SUR UNE RFID**
[72] HOTCHHALTER, DAVID, US
[72] BIGELOW, DAVID, US
[72] WITCHEY, NICHOLAS, US
[72] MILAM, CHAD, US
[71] MOX NETWORKS, LLC, US
[85] 2019-01-31
[86] 2017-10-05 (PCT/US2017/055393)
[87] (WO2018/067850)
[30] US (15/725,638) 2016-10-05

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[13] A1
[51] **Int.Cl. F22D 1/12 (2006.01) F22D 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A WASTE HEAT STEAM GENERATOR**
[54] **PROCEDE DE FONCTIONNEMENT D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
[72] BRUCKNER, JAN, DE
[72] THOMAS, FRANK, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2019-02-01
[86] 2016-08-05 (PCT/EP2016/068732)
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[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B60Q 1/26 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **COMPOSITE PANE WITH A DISPLAY DEVICE**
[54] **PARE-BRISE COMPOSITE COMPRENANT UN DISPOSITIF D'AFFICHAGE**
[72] KLEIN, MARCEL, DE
[72] DAMEA, DANIEL, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-02-01
[86] 2017-06-23 (PCT/EP2017/065478)
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[30] EP (16183053.4) 2016-08-05

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[51] **Int.Cl. C01B 3/34 (2006.01) C12P 5/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR BIOGAS UPGRADING AND HYDROGEN PRODUCTION FROM ANAEROBIC FERMENTATION OF BIOLOGICAL MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR LA VALORISATION DE BIOGAZ ET LA PRODUCTION D'HYDROGENE A PARTIR DE LA FERMENTATION ANAEROBIE DE MATIERE BIOLOGIQUE**
[72] RAAHEIM, ARNE, NO
[72] MEYER, JULIEN, NO
[72] ANDRESEN, BJORG, NO
[72] DI GUILIO, NICOLA, NO
[72] ULLEBERG, OYSTEIN, NO
[71] ZEG POWER AS, NO
[85] 2019-02-01
[86] 2017-07-07 (PCT/NO2017/050185)
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[30] NO (20161174) 2016-07-14

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[51] **Int.Cl. H01M 8/0612 (2016.01) H01M 8/04014 (2016.01) H01M 8/0432 (2016.01) H01M 8/04701 (2016.01) H01M 8/0668 (2016.01) H01M 8/124 (2016.01)**
[25] EN
[54] **METHOD AND POWER PLANT COMPRISING A SOLID OXIDE FUEL CELL (SOFC) FOR PRODUCTION OF ELECTRICAL ENERGY AND H2 GAS**
[54] **PROCEDE ET CENTRALE ELECTRIQUE COMPRENANT UNE PILE A COMBUSTIBLE A OXYDE SOLIDE (SOFC) POUR LA PRODUCTION D'ENERGIE ELECTRIQUE ET DE GAZ H2**
[72] ANDRESEN, BJORG, NO
[72] RAAHEIM, ARNE, NO
[72] MEYER, JULIEN, NO
[72] DI GUILIO, NICOLA, NO
[72] ULLEBERG, OYSTEIN, NO
[71] ZEG POWER AS, NO
[85] 2019-02-01
[86] 2017-07-07 (PCT/NO2017/050186)
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[30] NO (20161175) 2016-07-14

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[51] **Int.Cl. B01D 69/00 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **VASCULAR CALCIFICATION AND CARDIOVASCULAR/ASSOCIATED DISEASES PREVENTION AND TREATMENT**
[54] **CALCIFICATION VASCULAIRE ET PREVENTION ET TRAITEMENT DE MALADIES CARDIOVASCULAIRES/ASSOCIEES**
[72] MAJETI, SATYANARAYANA, US
[72] MEHANSHO, HAILE, US
[72] TZEGHAI, GHEBRE EGZIABHER, US
[71] SUMMIT INNOVATION LABS, LLC, US
[85] 2019-02-01
[86] 2017-07-24 (PCT/US2017/043432)
[87] (WO2018/034797)
[30] US (62/374,983) 2016-08-15
[30] US (15/649,084) 2017-07-13

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[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) C07K 16/28 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **C1Q AND HMGB1 FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION C1Q AND HMGB1 ET LEURS UTILISATIONS**
[72] DIAMOND, BETTY A., US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2019-02-01
[86] 2017-07-28 (PCT/US2017/044307)
[87] (WO2018/026642)
[30] US (62/370,402) 2016-08-03

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[13] A1
[51] **Int.Cl. G08B 3/10 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **AUTHENTICATING MOBILE LOCKERS**
[54] **AUTHENTIFICATION DE CASIERS MOBILES**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-02-01
[86] 2017-07-28 (PCT/US2017/044405)
[87] (WO2018/026652)
[30] US (62/371,443) 2016-08-05

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[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) A61K 9/12 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODIFYING THE BEHAVIOR OF ANIMALS**
[54] **PROCEDES ET COMPOSITIONS POUR MODIFIER LE COMPORTEMENT D'ANIMAUX**
[72] MCGLONE, JOHN J., US
[71] TEXAS TECH UNIVERSITY SYSTEM, US
[71] MCGLONE, JOHN J., US
[85] 2019-02-01
[86] 2017-08-01 (PCT/US2017/044830)
[87] (WO2018/026772)
[30] US (62/369,853) 2016-08-02

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[51] **Int.Cl. H04M 3/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING SETUP AND JOINING OF CONFERENCE CALLS**
[54] **SYSTEME ET PROCEDE POUR FACILITER L'ETABLISSEMENT ET LA JONCTION DE CONFERENCE TELEPHONIQUE**
[72] QUILICI, ALEXANDER E., US
[72] RUDOLPH, MICHAEL J., US
[71] YOUMAIL, INC., US
[85] 2019-02-01
[86] 2017-08-01 (PCT/US2017/044910)
[87] (WO2018/026820)
[30] US (62/369,510) 2016-08-01

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODY TO PROGRAMMED DEATH-LIGAND 1 (PD-L1) AND USE THEREOF**
[54] **ANTICORPS DIRIGE CONTRE LE LIGAND 1 DE MORT PROGRAMMEE (PD-L1) ET SON UTILISATION**
[72] PARK, JAE EUN, KR
[72] CHOI, SOO A, KR
[72] LEE, JISU, KR
[72] LEE, HYUN MI, KR
[72] LEE, SI HYUNG, KR
[72] BAEK, GI SUN, KR
[72] KIM, YEUNG CHUL, KR
[72] PARK, BUM-CHAN, KR
[72] LIM, JUNG CHAE, KR
[72] CHO, YOUNG-GYU, KR
[72] PARK, YOUNG WOO, KR
[71] Y-BIOLOGICS INC., KR
[85] 2019-02-01
[86] 2017-08-07 (PCT/KR2017/008495)
[87] (WO2018/026249)
[30] KR (10-2016-0100211) 2016-08-05
[30] KR (10-2017-0099673) 2017-08-07

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[51] **Int.Cl. E04C 2/26 (2006.01) B28B 19/00 (2006.01) C04B 14/42 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **GYPSUM PANELS, MATS THEREFOR, AND METHODS**
[54] **PANNEAUX DE PLATRE, MATS POUR CEUX-CI ET PROCEDES**
[72] TENG, YI-HSIEN HARRY, US
[72] BRADFORD, ROCHELLE F., US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
[85] 2019-02-01
[86] 2017-08-02 (PCT/US2017/045008)
[87] (WO2018/026876)
[30] US (62/370,671) 2016-08-03

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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **METHODS FOR SIMULTANEOUS LOCALIZATION AND MAPPING (SLAM) AND RELATED APPARATUS AND SYSTEMS**
[54] **PROCEDES DE LOCALISATION ET CARTOGRAPHIE SIMULTANES (SLAM) ET APPAREIL ET SYSTEMES ASSOCIES**
[72] HARE, GABRIEL ARCHACKI, US
[71] REIFICATION INC., US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045644)
[87] (WO2018/027206)
[30] US (62/371,187) 2016-08-04

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01)**
[25] EN
[54] **SECUREMENT DEVICE FOR AN ORTHOPEDIC PROSTHESIS, THERMAL TREATMENT DEVICE FOR AN ORTHOPEDIC PROSTHESIS, AND METHODS OF USE**
[54] **DISPOSITIF DE FIXATION DE PROTHESE ORTHOPEDIQUE, DISPOSITIF DE TRAITEMENT THERMIQUE POUR PROTHESE ORTHOPEDIQUE ET PROCEDES D'UTILISATION**
[72] TERMANINI, ZAFER, US
[71] JOINT INNOVATION TECHNOLOGY, LLC, US
[85] 2019-02-01
[86] 2017-08-11 (PCT/US2017/046502)
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[30] US (15/239,189) 2016-08-17

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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12N 15/113 (2010.01) C12Q 1/6876 (2018.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSING AND TREATING ESOPHAGEAL CANCER**
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER DE L'□SOPHAGE**
[72] GOEL, AJAY, US
[72] MIYOSHI, JINSEI, US
[71] BAYLOR RESEARCH INSTITUTE, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/IB2017/054800)
[87] (WO2018/025242)
[30] US (62/371,028) 2016-08-04

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[51] **Int.Cl. B28B 1/52 (2006.01) B05C 3/18 (2006.01) B05C 11/02 (2006.01) B28B 19/00 (2006.01)**
[25] EN
[54] **HEADBOX AND FORMING STATION FOR FIBER-REINFORCED CEMENTITIOUS PANEL PRODUCTION**
[54] **BOITIER DE TETE ET STATION DE FORMAGE POUR LA PRODUCTION DE PANNEAUX A BASE DE CIMENT RENFORCEE PAR DES FIBRES**
[72] DUBEY, ASHISH, US
[72] GROZA, PETER B., US
[72] NELSON, CHRISTOPHER R., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045410)
[87] (WO2018/027088)
[30] US (62/371,569) 2016-08-05
[30] US (15/663,044) 2017-07-28

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[51] **Int.Cl. B28C 9/00 (2006.01) B01F 7/00 (2006.01) B01F 7/04 (2006.01) B01F 13/10 (2006.01) B28B 19/00 (2006.01) B28C 5/12 (2006.01) B28C 5/14 (2006.01) B28C 5/40 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **CONTINUOUS MIXER AND METHOD OF MIXING REINFORCING FIBERS WITH CEMENTITIOUS MATERIALS**
[54] **MELANGEUR CONTINU ET PROCEDE DE MELANGE DE FIBRES DE RENFORCEMENT AVEC DES MATERIAUX CIMENTAIRES**
[72] DUBEY, ASHISH, US
[72] GROZA, PETER B., US
[72] NELSON, CHRISTOPHER R., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045420)
[87] (WO2018/027090)
[30] US (62/371,578) 2016-08-05
[30] US (15/662,932) 2017-07-28

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[51] **Int.Cl. C07D 235/26 (2006.01) A61K 31/41 (2006.01) A61K 31/4184 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE DIRECT AMPK ACTIVATORS**
[54] **BENZIMIDAZOLE ACTIVATEURS DIRECT DE L'AMPK**
[72] SHAW, SIMON, US
[72] XU, XIANG, US
[72] ISSAKANI, SARKIZ, US
[72] SINGH, RAJINDER, US
[72] HITOSHI, YASUMICHI, US
[72] DUNCTON, MATTHEW, US
[72] LIN, NAN, US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2019-02-01
[86] 2017-08-15 (PCT/US2017/046959)
[87] (WO2018/035128)
[30] US (62/376,950) 2016-08-19

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[51] **Int.Cl. H01M 8/2485 (2016.01) H01M 8/086 (2016.01)**
[25] EN
[54] **FUEL CELL MANIFOLD ASSEMBLY INCLUDING A SELF-SUPPORTING POLYMER MATERIAL LINER**
[54] **ASSEMBLAGE COLLECTEUR DE PILE A COMBUSTIBLE COMPRENANT UN REVETEMENT DE MATERIAU POLYMERE AUTOPORTANT**
[72] PATTERSON, TIMOTHY WILLIAM, JR., US
[72] RIDGEWAY, KRISTOFFER H., US
[72] NORI, CHANDRASEKHAR V., US
[72] O'BRIEN, ERIC J., US
[71] DOOSAN FUEL CELL AMERICA, INC., US
[85] 2019-02-01
[86] 2017-08-17 (PCT/US2017/047338)
[87] (WO2018/039032)
[30] US (15/242,846) 2016-08-22

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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD OF USING LOW-DENSITY, FREEZABLE FLUID TO CREATE A FLOW BARRIER IN A WELL**
[54] **PROCEDE D'UTILISATION D'UN FLUIDE CONGELABLE A FAIBLE DENSITE POUR CREER UNE BARRIERE D'ECOULEMENT DANS UN PUITS**
[72] COMBS, NATHAN KYLE, US
[72] WATTERS, JEFFREY THOMAS, US
[72] BROWN, DAVID DUANE, US
[72] WATTERS, LARRY THOMAS, US
[71] CSI TECHNOLOGIES, LLC, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045423)
[87] (WO2018/027093)
[30] US (62/494,323) 2016-08-05
[30] US (15/668,513) 2017-08-03

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[13] A1
[51] **Int.Cl. B28B 1/52 (2006.01) B01F 3/12 (2006.01) B01F 7/00 (2006.01) B01F 7/04 (2006.01) B01F 7/08 (2006.01) B28B 3/22 (2006.01) B28B 5/02 (2006.01) B28C 5/12 (2006.01) B28C 5/14 (2006.01) B28C 5/40 (2006.01) B29B 7/48 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING FIBER REINFORCED CEMENTITIOUS SLURRY USING A MULTI-STAGE CONTINUOUS MIXER**
[54] **PROCEDE DE PRODUCTION D'UNE SUSPENSION A BASE DE CIMENT RENFORCEE PAR DES FIBRES A L'AIDE D'UN MELANGEUR CONTINU A PLUSIEURS ETAGES**
[72] DUBEY, ASHISH, US
[72] GROZA, PETER B., US
[72] NELSON, CHRISTOPHER R., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045426)
[87] (WO2018/027095)
[30] US (62/371,590) 2016-08-05
[30] US (15/663,104) 2017-07-28

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[13] A1
[51] **Int.Cl. B28B 1/52 (2006.01) B01F 3/12 (2006.01) B01F 7/00 (2006.01) B01F 7/04 (2006.01) B01F 7/08 (2006.01) B28B 3/22 (2006.01) B28B 5/02 (2006.01) B28C 5/12 (2006.01) B28C 5/14 (2006.01) B28C 5/40 (2006.01) B29B 7/48 (2006.01)**
[25] EN
[54] **CONTINUOUS METHODS OF MAKING FIBER REINFORCED CONCRETE PANELS**
[54] **PROCEDES CONTINUS DE FABRICATION DE PANNEAUX EN BETON RENFORCES PAR DES FIBRES**
[72] DUBEY, ASHISH, US
[72] GROZA, PETER B., US
[72] NELSON, CHRISTOPHER R., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045433)
[87] (WO2018/027100)
[30] US (62/371,554) 2016-08-05
[30] US (15/663,007) 2017-07-28

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[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01) E21C 41/00 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **PLASMA PULSE DEVICE FOR SHOCK WAVE STIMULATION OF WELLS, DEPOSITS, AND BOREHOLES**
[54] **DISPOSITIF A IMPULSIONS DE PLASMA POUR LA STIMULATION PAR ONDES DE CHOC DE PUITS, DE DEPOTS ET DE TROUS DE FORAGE**
[72] HUNTER, TRENT, CA
[72] OLSON, THOMAS A., US
[71] PLEDGE PETROLEUM CORP., US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045451)
[87] (WO2018/027109)
[30] US (62/371,490) 2016-08-05

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[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/69 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LIGHTING DEVICE LED MODULE WITH EFFECTS FOR BEAM SPREAD TUNING AND BEAM SHAPING**
[54] **MODULE LED DE DISPOSITIF D'ECLAIRAGE AVEC EFFETS POUR L'ACCORD D'ETALEMENT DU FAISCEAU ET MISE EN FORME DU FAISCEAU**
[72] NOLAN, CHRISTOPHER D., US
[72] CASPER, JOSEPH R., US
[72] VOLLMER, BENJAMIN DAVID, US
[72] DEDERICH, GEORGE, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045475)
[87] (WO2018/027121)
[30] US (62/371,394) 2016-08-05

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[51] **Int.Cl. A61K 31/4196 (2006.01) A61K 31/164 (2006.01) A61K 31/198 (2006.01) A61K 31/4412 (2006.01)**
[25] EN
[54] **DOSING REGIMENS FOR TREATING METAL-MEDIATED CONDITIONS**
[54] **REGIMES POSOLOGIQUES POUR LE TRAITEMENT D'ETATS A MEDIATION PAR UN METAL**
[72] BURKE, STEVEN KEITH, US
[72] BERGERON, RAYMOND J., JR., US
[71] ABFERO PHARMACEUTICALS, INC., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045495)
[87] (WO2018/027132)
[30] US (62/371,274) 2016-08-05
[30] US (62/371,280) 2016-08-05

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[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 35/12 (2015.01) A61K 38/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07K 14/54 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY**
[54] **COMPOSITIONS ET PROCEDES POUR IMMUNOTHERAPIE**
[72] BRENTJENS, RENIER J., US
[72] AVANZI, MAURO P., US
[72] YOO, SARAH, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045550)
[87] (WO2018/027155)
[30] US (62/370,969) 2016-08-04

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[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61K 47/50 (2017.01) A61K 47/55 (2017.01) A61K 47/56 (2017.01) A61K 47/34 (2017.01)**
[25] EN
[54] **MEMBRANE-LYTIC BLOCK COPOLYMERS**
[54] **COPOLYMERES SEQUENCES LYTIQUES DE LA MEMBRANE**
[72] CHENG, YILONG, US
[72] PUN, SUZIE H., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2019-02-01
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[25] EN
[54] **NEW USE OF N,N-BIS-2-MERCAPTOETHYL ISOPHTHALAMIDE**
[54] **NOUVELLE UTILISATION DU N,N-BIS-2-MERCAPTOETHYL-ISOPHTALAMIDE**
[72] HALEY, BOYD EUGENE, US
[72] KLINGBERG, RAGNAR AXEL THEODOR, SE
[71] EMERAMED LIMITED, IE
[85] 2019-02-01
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[30] GB (1613535.2) 2016-08-05

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[25] EN
[54] **PROCESS AND APPARATUS FOR PROVIDING DURABLE PLANT TAGS FOR HORTICULTURAL ORGANIZATION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR DES ETIQUETTES DURABLES AUX VEGETAUX POUR L'ORGANISATION HORTICOLE**
[72] DAVIS, JACK, US
[72] LEVI, ANDREW, US
[71] ORORA VISUAL TX, LLC, US
[85] 2019-02-01
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[25] EN
[54] **RESERVOIR FORMATION CHARACTERIZATION USING A DOWNHOLE WIRELESS NETWORK**
[54] **CARACTERISATION D'UNE FORMATION DE RESERVOIR AU MOYEN D'UN RESEAU SANS FIL DE FOND DE TROU**
[72] DISKO, MARK M., US
[72] SONG, LIMIN, US
[71] EXXONMOBILE UPSTREAM RESEARCH COMPANY, US
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[30] US (62/381,330) 2016-08-30
[30] US (62/428,380) 2016-11-30

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[54] **LASER ABLATION SYSTEM**
[54] **SYSTEME D'ABLATION LASER**
[72] LOBODA, ALEXANDER V., CA
[71] FLUIDIGM CANADA INC., CA
[85] 2019-02-01
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[30] US (62/370,180) 2016-08-02

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[51] **Int.Cl. A61B 5/00 (2006.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **PASSIVE SENSORS AND RELATED STRUCTURES FOR IMPLANTABLE BIOMEDICAL DEVICES**
[54] **CAPTEURS PASSIFS ET STRUCTURES ASSOCIEES DESTINES A DES DISPOSITIFS BIOMEDICAUX IMPLANTABLES**
[72] SMIRNOV, YURI, US
[71] SMIRNOV, YURI, US
[85] 2019-02-01
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[25] EN
[54] **MICROFLUIDIC DEVICE**
[54] **DISPOSITIF MICROFLUIDIQUE**
[72] MAHMUD, ALMOSTASIM, CA
[72] MACDONALD, BRENDAN, CA
[72] BLONDEEL, ERIC, CA
[71] EXVIVO LABS INC., CA
[85] 2019-02-04
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[30] US (62/377,236) 2016-08-19

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[25] EN
[54] **METHOD OF PREPARING A WATER IN OIL EMULSION**
[54] **PROCEDE DE PREPARATION D'UNE EMULSION EAU DANS HUILE**
[72] GALVIN, KEVIN PATRICK, AU
[72] VAN NETTEN, KIM, AU
[71] THE UNIVERSITY OF NEWCASTLE, AU
[85] 2019-02-04
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[51] **Int.Cl. G08B 17/107 (2006.01)**
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[54] **SMOKE DETECTOR**
[54] **DETECTEUR DE FUMEE**
[72] PATEL, VIPUL, US
[72] GADONNIEX, DENNIS MICHAEL, US
[71] CARRIER CORPORATION, US
[85] 2019-02-01
[86] 2017-08-04 (PCT/US2017/045441)
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[30] US (62/370,755) 2016-08-04

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[25] EN
[54] **AUTOMATIC SEDIMENTATION AND SEPARATION CURVE GENERATOR**
[54] **GENERATEUR DE COURBE DE SEDIMENTATION ET DE SEPARATION AUTOMATIQUE**
[72] MOHANARANGAM, KRISHNA, AU
[72] MONCH, ANDREAS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2019-02-04
[86] 2017-08-16 (PCT/AU2017/050872)
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[25] EN
[54] **DRILLING RIG POWER SUPPLY BUS MANAGEMENT**
[54] **GESTION DE BUS D'ALIMENTATION ELECTRIQUE D'APPAREIL DE FORAGE**
[72] ROUSE, CODIE, CA
[72] ROUSE, JOHN, CA
[71] ROUSE INDUSTRIES INC., CA
[85] 2019-02-04
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[25] EN
[54] **ANTI-KRAS-G12D T CELL RECEPTORS**
[54] **RECEPTEURS DES LYMPHOCYTES T ANTI-KRAS-G12D**
[72] TRAN, ERIC, US
[72] LU, YONG-CHEN, US
[72] PASETTO, ANNA, US
[72] ROBBINS, PAUL F., US
[72] ROSENBERG, STEVEN A., US
[72] ZHENG, ZHILI, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[51] **Int.Cl. C08G 59/50 (2006.01) C04B 40/06 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **TWO-COMPONENT MORTAR COMPOUND AND USE THEREOF**
[54] **MATERIAU POUR MORTIER A DEUX COMPOSANTS ET SON UTILISATION**
[72] CAKMAK, MESUT, DE
[72] KUMRU, MEMET-EMIN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2019-02-04
[86] 2017-07-20 (PCT/EP2017/068356)
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[51] **Int.Cl. B05B 11/00 (2006.01) B05B 1/34 (2006.01)**
[25] EN
[54] **FINGER SPRAY PUMP AND NOZZLE HEAD FOR SPRAY PUMP**
[54] **POMPE DE PULVERISATION ACTIONNEE PAR UN DOIGT ET TETE DE BUSE POUR POMPE DE PULVERISATION**
[72] GOTTKE, SABINE, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2019-02-04
[86] 2017-07-31 (PCT/EP2017/069285)
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[13] A1
[51] **Int.Cl. B64D 45/08 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR GUIDING UNMANNED AERIAL VEHICLE TO LAND**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE GUIDAGE D'ATTERRISSAGE DE VEHICULE AERIEN SANS PILOTE**
[72] HAN, SONG, CN
[71] BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD., CN
[71] BEIJING JINGDONG CENTURY TRADING CO., LTD., CN
[85] 2019-02-04
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[13] A1
[51] **Int.Cl. C07C 45/48 (2006.01) C07C 49/04 (2006.01) C07C 49/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE DECARBOXYLATIVE KETONIZATION OF FATTY ACIDS OR FATTY ACID DERIVATIVES**
[54] **PROCEDE DE CETONISATION DECARBOXYLANTE D'ACIDES GRAS OU DE DERIVES D'ACIDES GRAS**
[72] BACK, OLIVIER, FR
[72] LEROY, REMY, FR
[72] MARION, PHILIPPE, FR
[71] RHODIA OPERATIONS, FR
[85] 2019-02-04
[86] 2017-08-17 (PCT/EP2017/070884)
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[51] **Int.Cl. C12N 1/22 (2006.01) C12N 1/12 (2006.01) C12P 7/64 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **PRODUCING AND ALTERING MICROBIAL FERMENTATION PRODUCTS USING NON-COMMONLY USED LIGNOCELLULOSIC HYDROLYSATES**
[54] **PRODUCTION ET MODIFICATION DE PRODUITS DE FERMENTATION AU MOYEN D'HYDROLYSATS LIGNOCELLULOSIQUES PEU COURAMMENT UTILISES**
[72] NOLASCO, NORIE ANNE B., US
[72] VASAVADA, AMIT, US
[72] KUEHNLE, ADELHEID R., US
[72] SCHURR, ROBERT J., US
[71] KUEHNLE AGROSYSTEMS, INC., US
[85] 2019-02-01
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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **INDUCTIVE HEATING DEVICE, AEROSOL-GENERATING SYSTEM COMPRISING AN INDUCTIVE HEATING DEVICE AND METHOD OF OPERATING THE SAME**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION, SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] FURSA, OLEG, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-02-04
[86] 2017-11-22 (PCT/EP2017/080127)
[87] (WO2018/096000)
[30] EP (16200121.8) 2016-11-22

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[13] A1
[51] **Int.Cl. F16K 31/50 (2006.01) F16K 1/04 (2006.01) F16K 1/38 (2006.01) F16K 35/04 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **VALVE**
[54] **VANNE**
[72] HARSCH, KLAUS, DE
[71] EISELE PNEUMATICS GMBH & CO. KG, DE
[85] 2019-02-04
[86] 2017-06-29 (PCT/EP2017/000780)
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[30] DE (10 2016 009 525.3) 2016-08-04

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[51] **Int.Cl. H01M 8/0293 (2016.01) H01M 8/086 (2016.01)**
[25] EN
[54] **BORON PHOSPHATE MATRIX LAYER**
[54] **COUCHE MATRICIELLE DE PHOSPHATE DE BORE**
[72] ARPIN, KEVIN A., US
[71] DOOSAN FUEL CELL AMERICA, INC., US
[85] 2019-02-01
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[87] (WO2018/039104)
[30] US (15/244,328) 2016-08-23

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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **TECHNOLOGIES FOR MANAGING APPLICATION CONFIGURATIONS AND ASSOCIATED CREDENTIALS**
[54] **TECHNOLOGIES DESTINEES A GERER DES CONFIGURATIONS D'APPLICATION ET DES JUSTIFICATIFS D'IDENTITE ASSOCIES**
[72] MELLIERE, PAUL L., US
[72] NICHOLSON, TIMOTHY ERIC, US
[72] BICKELL, AARON, US
[72] DILL, BRIAN, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2019-02-01
[86] 2017-06-29 (PCT/US2017/040128)
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[30] US (62/356,095) 2016-06-29
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[13] A1
[51] **Int.Cl. C04B 28/00 (2006.01)**
[25] EN
[54] **DRY PARTICULATE COMPOSITIONS FOR THE FORMATION OF GEOPOLYMERS, A PROCESS FOR FORMING GEOPOLYMERS AND THE GEOPOLYMERS OBTAINED AS A RESULT**
[54] **COMPOSITIONS PARTICULAIRES SECHES POUR LA FORMATION DE GEOPOLYMERES, PROCEDE DE FORMATION DE GEOPOLYMERES ET GEOPOLYMERES OBTENUS EN TANT QUE RESULTAT**
[72] AUTEF, ALEXANDRE, FR
[71] IMERTECH SAS, FR
[85] 2019-02-04
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[87] (WO2018/024474)
[30] FR (16/01209) 2016-08-05
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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/00 (2006.01) A61K 38/08 (2019.01) C07K 14/715 (2006.01)**
[25] EN
[54] **CXCR4 ANTAGONISTS AND METHODS OF USE**
[54] **ANTAGONISTES DE CXCR4 ET METHODES D'UTILISATION**
[72] ZHANG, JUNGE, US
[72] YAN, LIANG ZENG, US
[71] MAINLINE BIOSCIENCES, US
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[51] **Int.Cl. D21H 17/37 (2006.01) D21H 17/00 (2006.01) D21H 17/29 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **DRY STRENGTH COMPOSITION, ITS USE AND METHOD FOR MAKING OF PAPER, BOARD OR THE LIKE**
[54] **COMPOSITION A RESISTANCE A SEC, SON UTILISATION ET PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU EQUIVALENT**
[72] HIETANIEMI, MATTI, FI
[72] KARPPI, ASKO, FI
[72] VIRTANEN, MIKKO, FI
[71] KEMIRA OYJ, FI
[85] 2019-02-04
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[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **NOVEL FOAMS WITH Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[54] **NOUVELLES MOUSSES CONTENANT Z -1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**
[72] WYSONG, ERNEST BYRON, US
[72] HITCHENS, BRUCE P., US
[72] TOCYLOSKI, JAMES M., US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2019-02-01
[86] 2017-09-20 (PCT/US2017/052420)
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[13] A1
[51] **Int.Cl. G01N 21/90 (2006.01)**
[25] EN
[54] **DEVICE FOR THE CONTINUOUS QUALITY CONTROL OF CONTAINERS**
[54] **DISPOSITIF DE CONTROLE CONTINU DE LA QUALITE DE RECIPIENTS**
[72] BONARDI, MASSIMO, IT
[72] ZORZELLA, EMIDIO, IT
[71] ANTARES VISION S.R.L., IT
[85] 2019-02-04
[86] 2017-07-24 (PCT/EP2017/068627)
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[30] IT (102016000082297) 2016-08-04

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[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS CDNA CLONE AND USES THEREOF**
[54] **CLONE D'ADNC DU VIRUS DU SYNDROME REPRODUCTEUR ET RESPIRATOIRE PORCIN ET SES UTILISATIONS**
[72] GIBERT PEREZ, XAVIER, ES
[72] SITJA ARNAU, MARTA, ES
[72] FENECH MARTINEZ, MARIA MAR, ES
[72] ELENA FITO, SANTIAGO FRANCISCO, ES
[72] MARTIN GARCIA, SUSANA, ES
[71] HIPRA SCIENTIFIC, S.L.U., ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[85] 2019-02-04
[86] 2017-07-31 (PCT/EP2017/069329)
[87] (WO2018/024677)
[30] EP (16382391.7) 2016-08-05

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[13] A1
[51] **Int.Cl. E21B 19/07 (2006.01) E21B 19/10 (2006.01)**
[25] EN
[54] **HORSESHOE SLIP ELEVATOR**
[54] **ELEVATEUR COULISSANT POUR FER A CHEVAL**
[72] MOSS, ALFRED, US
[72] GUIDRY, NICHOLAS, US
[72] SMITH, LOGAN, US
[72] NEUVILLE, DAX JOSEPH, US
[71] FRANK'S INTERNATIONAL, LLC, US
[85] 2019-02-01
[86] 2017-10-06 (PCT/US2017/055491)
[87] (WO2018/071291)
[30] US (62/407,018) 2016-10-12
[30] US (15/718,925) 2017-09-28

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[13] A1
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[25] EN
[54] **A SLIP GEAR FOR AN INDUSTRIAL CART**
[54] **ENGRENAGE A GLISSEMENT DESTINE A UN CHARIOT INDUSTRIEL**
[72] MILLAR, GARY BRET, US
[72] STOTT, MARK GERALD, US
[72] TUELLER, TODD GARRETT, US
[72] HURST, MICHAEL STEPHEN, US
[72] BENTLEY, ALAN RAY, US
[72] WOODBURY, TAYLOR JOHN, US
[72] HURST, KEVIN, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-02-01
[86] 2018-02-15 (PCT/US2018/018294)
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[30] US (62/519,304) 2017-06-14
[30] US (62/519,308) 2017-06-14

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[13] A1
[51] **Int.Cl. F02F 1/22 (2006.01) F02B 25/26 (2006.01) F02B 75/20 (2006.01) F02B 75/18 (2006.01)**
[25] EN
[54] **PORT BELT ARRANGEMENT**
[54] **AGENCEMENT DE COURROIE A ORIFICES**
[72] FREEMAN, EUAN, GB
[71] COX POWERTRAIN LIMITED, GB
[85] 2019-02-04
[86] 2017-08-02 (PCT/EP2017/069525)
[87] (WO2018/024771)
[30] GB (1613509.7) 2016-08-05

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-ICOS ANTIBODIES**
[54] **ANTICORPS ANTI-ICOS**
[72] SAINSON, RICHARD CHARLES ALFRED, GB
[72] ARKINSTALL, STEPHEN JOHN, GB
[72] CAMPBELL, JAMIE IAIN, GB
[72] ALI, MOHAMMED HANIF, GB
[72] LEE, E-CHIANG, GB
[72] MCCOURT, MATTHEW JOHN, GB
[72] SANDY, NIKOLE, GB
[72] VAN KRINKS, CASSANDRA, GB
[72] GERMASCHEWSKI, VOLKER, GB
[72] KIRBY, IAN, GB
[72] KOSMAC, MIHA, GB
[72] GALLAGHER, THOMAS, GB
[72] DEANTONIO, CECILIA, GB
[72] GILLIES, STEPHEN DOUGLAS, US
[71] KYMAB LIMITED, GB
[85] 2019-02-04
[86] 2017-08-09 (PCT/GB2017/052352)
[87] (WO2018/029474)
[30] GB (1613683.0) 2016-08-09
[30] GB (1615224.1) 2016-09-07
[30] GB (1615335.5) 2016-09-09
[30] US (15/354,971) 2016-11-17
[30] GB (1620414.1) 2016-12-01
[30] GB (1621782.0) 2016-12-20
[30] GB (1702338.3) 2017-02-13
[30] GB (1702339.1) 2017-02-13
[30] GB (1703071.9) 2017-02-24
[30] US (15/480,525) 2017-04-06
[30] GB (1709818.7) 2017-06-20
[30] GB (PCT/GB2017/051794) 2017-06-20
[30] TW (106120563) 2017-06-20
[30] GB (PCT/GB2017/051795) 2017-06-20
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[13] A1
[51] **Int.Cl. F04C 18/08 (2006.01) F04C 18/16 (2006.01) F04C 25/02 (2006.01)**
[25] EN
[54] **SCREW VACUUM PUMP**
[54] **POMPE A VIDE A VIS**
[72] DREIFERT, THOMAS, DE
[72] SCHILLER, DIRK, DE
[72] GIEBMANNS, WOLFGANG, DE
[72] MULLER, ROLAND, DE
[71] LEYBOLD GMBH, DE
[85] 2019-02-04
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[51] **Int.Cl. C07D 471/18 (2006.01) C07D 519/00 (2006.01)**
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[54] **COMPOUNDS**
[54] **COMPOSES**
[72] GALLAGHER, TIMOTHY CHARLES, GB
[72] REGO CAMPELLO, HUGO, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2019-02-04
[86] 2017-08-17 (PCT/GB2017/052438)
[87] (WO2018/033742)
[30] GB (1614235.8) 2016-08-19
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[51] **Int.Cl. A23J 1/00 (2006.01) A23J 1/12 (2006.01) C12C 5/00 (2006.01) C12C 11/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING A BEVERAGE OR BEVERAGE COMPONENT, BEVERAGE OR BEVERAGE COMPONENT PREPARED BY SUCH PROCESS, AND USE OF BREWER'S SPENT GRAINS FOR PREPARING SUCH BEVERAGE OR BEVERAGE COMPONENT**
[54] **PROCEDE DE PREPARATION D'UNE BOISSON OU D'UN CONSTITUANT DE BOISSON, BOISSON OU CONSTITUANT DE BOISSON PREPARE(E) AU MOYEN DUDIT PROCEDE, ET UTILISATION DE DRECHES DE BRASSERIE DESTINEES A PREPARER UNE TELLE BOISSON OU UN TEL CONSTITUANT DE BOISSON**
[72] GIL-MARTINEZ, JORGE, BE
[72] ARENDT, ELKE, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2019-02-04
[86] 2017-08-14 (PCT/EP2017/070630)
[87] (WO2018/033521)
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[25] EN
[54] **MULTIVALENT VACCINE COMPOSITION**
[54] **COMPOSITION VACCINALE MULTIVALENTE**
[72] DHERE, RAJEEV MHALASAKANT, IN
[72] PISAL, SAMBHAJI SHANKAR, IN
[72] ZADE, JAGDISH KAMALAJI, IN
[72] SABALE, RAJENDRA NARAYAN, IN
[72] KADAM, RAVINDRA BAPURAO, IN
[72] KAMBLE, ABHIJEET SANJEEV, IN
[72] JIANG, BAOMING, US
[72] GLASS, ROGER, US
[71] SERUM INSTITUTE OF INDIA PRIVATE LIMITED, IN
[71] THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), US
[85] 2019-02-04
[86] 2017-08-24 (PCT/IB2017/055100)
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[25] EN
[54] **A PROCESS FOR PREPARING A BEVERAGE OR BEVERAGE COMPONENT FROM BREWER'S SPENT GRAINS**
[54] **PROCEDE DE PREPARATION D'UNE BOISSON OU D'UN CONSTITUANT DE BOISSON A PARTIR DE DRECHES DE BRASSERIE**
[72] GIL-MARTINEZ, JORGE, BE
[72] ARENDT, ELKE, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2019-02-04
[86] 2017-08-14 (PCT/EP2017/070631)
[87] (WO2018/033522)
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[25] EN
[54] **SEPARATOR SYSTEM AND TAR REFORMER SYSTEM**
[54] **SYSTEME SEPARATEUR ET SYSTEME REFORMEUR DE GOUDRON**
[72] MADSEN, JORGEN, DK
[72] GAMBARINI, ERIK, DK
[72] LOGSTED-NIELSEN, ERIK, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2019-02-04
[86] 2017-08-22 (PCT/EP2017/071134)
[87] (WO2018/054635)
[30] DK (PA 2016 00552) 2016-09-21

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[51] **Int.Cl. C01B 32/949 (2017.01) C22C 29/08 (2006.01)**
[25] EN
[54] **NOVEL TUNGSTEN CARBIDE POWDER AND PRODUCTION THEREOF**
[54] **NOUVELLE POUDRE DE CARBURE DE TUNGSTENE ET FABRICATION DE CELLE-CI**
[72] SAEUBERLICH, TINO, DE
[72] CASPERS, BERNHARD, DE
[72] TAPPE, TIZIAN, DE
[71] H.C. STARCK TUNGSTEN GMBH, DE
[85] 2019-02-04
[86] 2017-09-04 (PCT/EP2017/072114)
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[51] **Int.Cl. A61C 7/20 (2006.01) A61C 7/24 (2006.01) A61C 7/26 (2006.01)**
[25] EN
[54] **ORTHODONTIC APPLIANCE**
[54] **APPAREIL ORTHODONTIQUE**
[72] OLIVER, BRUCE MALCOM, CA
[71] ALLIANCE EVANGELIQUE REFORMEE - INSTITUT FAREL, FACULTE DE THEOLOGIE REFORMEE DE QUEBEC, CA
[85] 2019-02-04
[86] 2017-08-30 (PCT/CA2017/051018)
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[30] US (62/381,364) 2016-08-30

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[25] EN
[54] **RUMEN BYPASS COMPOSITION OF BIOLOGICALLY ACTIVE INGREDIENTS**
[54] **COMPOSITION DE DERIVATION DU RUMEN D'INGREDIENTS BIOLOGIQUEMENT ACTIFS**
[72] PARACHUR, VIVEK ANAND, IN
[71] PARACHUR, VIVEK ANAND, IN
[85] 2019-02-04
[86] 2017-08-12 (PCT/IN2017/050343)
[87] (WO2018/033935)
[30] IN (201641027750) 2016-08-13

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[51] **Int.Cl. B01D 3/36 (2006.01) B01D 3/00 (2006.01) B01D 3/14 (2006.01) B01D 11/04 (2006.01) B01D 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PURIFICATION OF THE SOLVENT DERIVING FROM THE PRODUCTION OF ELASTOMERIC BLENDS**
[54] **PROCEDE DE PURIFICATION DU SOLVANT DERIVE DE LA PRODUCTION DE MELANGES ELASTOMERES**
[72] GATTI, GABRIELE, IT
[72] WANG, JIYE, CN
[72] CAVALLO, CLAUDIO, IT
[72] SONG, JIANJUN, CN
[71] VERSALIS S.P.A., IT
[71] EVE RUBBER INSTITUTE CO., LTD., CN
[85] 2019-02-04
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[51] **Int.Cl. B61B 13/02 (2006.01) A01G 9/14 (2006.01)**
[25] EN
[54] **TRACK SYSTEM AND METHOD FOR PROVIDING A TRACK FOR AN INDUSTRIAL CART**
[54] **SYSTEME DE VOIE ET PROCEDE DE FOURNITURE D'UNE VOIE POUR UN CHARIOT INDUSTRIEL**
[72] STOTT, MARK GERALD, US
[72] MILLAR, GARY BRET, US
[72] TUELLER, TODD GARRETT, US
[72] HURST, MICHAEL STEPHEN, US
[72] BENTLEY, ALAN RAY, US
[72] WOODBURY, TAYLOR JOHN, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-02-01
[86] 2018-03-01 (PCT/US2018/020437)
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[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] FR
[54] **DEVICE FOR GRIPPING LOADS OF VARIABLE SIZES AND CORRESPONDING METHOD FOR ADAPTING GRIPPING WIDTH**
[54] **DISPOSITIF DE PREHENSION DE CHARGES DE TAILLES VARIABLES ET PROCEDE D'ADAPTATION DE LARGEUR DE PREHENSION CORRESPONDANT**
[72] MARIUSSE, ADRIEN, FR
[72] GODOT, ERWANN, FR
[71] SAVOYE, FR
[85] 2019-02-04
[86] 2017-09-20 (PCT/EP2017/073791)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-COMBUSTIBLE SMOKING DEVICE AND ELEMENTS THEREOF**
[54] **DISPOSITIF POUR FUMER SANS COMBUSTIBLE ET ELEMENTS ASSOCIES**
[72] SAHIN, BUKET, US
[72] LI, SAN, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-02-04
[86] 2017-10-04 (PCT/EP2017/075254)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **NATURAL CRYPTIC EXON REMOVAL BY PAIRS OF ANTISENSE OLIGONUCLEOTIDES**
[54] **ELIMINATION DE L'EXON CRYPTIQUE NATUREL PAR DES PAIRES D'OLIGONUCLEOTIDES ANTISENS**
[72] PIJNAPPEL, WILHELMUS WENCESLAUS MATTHIAS, NL
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
[85] 2019-02-04
[86] 2017-08-04 (PCT/NL2017/050527)
[87] (WO2018/026284)
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[13] A1
[51] **Int.Cl. A61K 47/10 (2017.01)**
[25] EN
[54] **HIGH-CONCENTRATION FULVESTRANT COMPOSITIONS**
[54] **COMPOSITIONS DE FULVESTRANT A HAUTE CONCENTRATION**
[72] SHAH, NAVNIT H., US
[72] PHUAPRADIT, WANTANEE, US
[72] RAILKAR, ARUNA, US
[72] JARIWALA, PARAS P., US
[71] KASHIV BIOSCIENCES, LLC, US
[85] 2019-02-01
[86] 2018-05-22 (PCT/US2018/033871)
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[51] **Int.Cl. C22F 1/04 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **METHOD OF ROLLING ALUMINUM FOR FINE GRAIN APPLICATIONS**
[54] **PROCESSUS DE LAMINAGE D'ALUMINIUM POUR DES APPLICATIONS A GRAIN FIN**
[72] FERNANDEZ RIVERA, CATALINA, ES
[72] BRAVO ESPINOSA, DAVID, ES
[71] ACR II ALUMINIUM GROUP COOPERATIEF U.A., NA
[85] 2019-02-04
[86] 2017-07-28 (PCT/IB2017/054602)
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[51] **Int.Cl. C22C 38/06 (2006.01) B21D 22/20 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **HOT PRESS-FORMED PART**
[54] **ELEMENT FORME PAR PRESSAGE A CHAUD**
[72] SAKAKIBARA, MUTSUMI, JP
[72] SUGIURA, NATSUKO, JP
[72] HAYASHI, KUNIO, JP
[72] KAWASAKI, KAORU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2019-02-04
[86] 2016-08-16 (PCT/JP2016/073896)
[87] (WO2018/033960)

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[13] A1
[51] **Int.Cl. C09D 11/32 (2014.01) C09D 11/36 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **PHOTOCURABLE CLEAR INK COMPOSITION FOR INKJET PRINTING**
[54] **COMPOSITION D'ENCRE CLAIR PHOTOCURCISSABLE POUR IMPRESSION A JET D'ENCRE**
[72] NAKASHIMA, OKINORI, JP
[72] MYOSE, TAKUYA, JP
[72] OKAMOTO, TAKUYA, JP
[72] FUKE, KAZUHIRO, JP
[72] NITTA, RYOICHI, JP
[71] SAKATA INX CORPORATION, JP
[85] 2019-02-04
[86] 2017-06-30 (PCT/JP2017/024233)
[87] (WO2018/030027)
[30] JP (2016-156931) 2016-08-09

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[13] A1
[51] **Int.Cl. A47J 36/16 (2006.01) B01F 7/00 (2006.01) B01F 7/20 (2006.01) B01F 15/00 (2006.01)**
[25] FR
[54] **COOKING APPLIANCE**
[54] **APPAREIL DE CUISSON**
[72] CHEN, XUHUI, CN
[72] YANG, MENGQIAO, CN
[72] LI, ZEYONG, CN
[72] DING, ZHIHUI, CN
[71] SEB S.A., FR
[85] 2019-02-04
[86] 2017-08-01 (PCT/FR2017/052164)
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[30] CN (201620867628.6) 2016-08-10

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[13] A1
[51] **Int.Cl. A61K 35/545 (2015.01) A61P 11/00 (2006.01)**
[25] EN
[54] **AMELIORATION AND TREATMENT OF CHRONIC LUNG DISEASE USING PLURIPOTENT STEM CELLS**
[54] **AMELIORATION ET TRAITEMENT DE MALADIES PULMONAIRES CHRONIQUES A L'AIDE DE CELLULES SOUCHES PLURIPOTENTES**
[72] SATO, YOSHIAKI, JP
[72] SUZUKI, TOSHIHIKO, JP
[72] SHIMIZU, SHINOBU, JP
[72] MIZUNO, MASAAKI, JP
[72] HAYAKAWA, MASAHIRO, JP
[72] DEZAWA, MARI, JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[71] LIFE SCIENCE INSTITUTE, INC., JP
[71] TOHOKU UNIVERSITY, JP
[85] 2019-02-04
[86] 2017-08-03 (PCT/JP2017/028323)
[87] (WO2018/025973)
[30] JP (2016-153263) 2016-08-03

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[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRICAL DEVICE FOR PROVIDING PAIN RELIEF**
[54] **DISPOSITIF ELECTRIQUE POUR APPORTER UN SOULAGEMENT DE LA DOULEUR**
[72] NACHUM, ZVI, IL
[72] LAMPERT, SHALOM, IL
[71] IPULSE MEDICAL LTD., IL
[85] 2019-02-04
[86] 2017-08-15 (PCT/IB2017/054965)
[87] (WO2018/033855)
[30] GB (1613950.3) 2016-08-15
[30] CN (2016111966768) 2016-12-22

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[13] A1
[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **ENCODING PROCESSING METHOD AND DEVICE, DECODING PROCESSING METHOD AND DEVICE, ENCODER AND DECODER**
[54] **PROCEDE ET DISPOSITIF D'ENCODAGE, PROCEDE ET DISPOSITIF DE DECODAGE, ENCODEUR ET DECODEUR**
[72] LI, MING, CN
[72] WU, PING, CN
[72] SHANG, GUOQIANG, CN
[72] WU, ZHAO, CN
[71] ZTE CORPORATION, CN
[85] 2019-02-04
[86] 2016-07-08 (PCT/CN2016/089452)
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[30] CN (201510673353.2) 2015-10-16

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[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12Q 1/04 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR INDUCING DIFFERENTIATION OF PLURIPOTENT STEM CELLS IN VITRO**
[54] **PROCEDE PERMETTANT D'INDUIRE LA DIFFERENTIATION DE CELLULES SOUCHES PLURIPOTENTES IN VITRO**
[72] DEZAWA, MARI, JP
[71] LIFE SCIENCE INSTITUTE, INC., JP
[85] 2019-02-04
[86] 2017-08-03 (PCT/JP2017/028327)
[87] (WO2018/025975)
[30] JP (2016-153259) 2016-08-03

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/525 (2006.01) A61P 35/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS FGFR INHIBITORS**
[54] **COMPOSE HETEROCYCLIQUE UTILISE EN TANT QU'INHIBITEUR DE FGFR**
[72] KONG, NORMAN XIANGLONG, CN
[72] ZHOU, CHAO, CN
[72] CHEN, XIANGYANG, CN
[71] GUANGZHOU INNOCARE PHARMA TECH CO., LTD., CN
[85] 2019-02-04
[86] 2017-07-27 (PCT/CN2017/094620)
[87] (WO2018/028438)
[30] CN (201610647295.0) 2016-08-09

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[51] **Int.Cl. C10J 3/46 (2006.01)**
[25] EN
[54] **CATALYSTS, RELATED METHODS AND REACTION PRODUCTS**
[54] **CATALYSEURS, PROCEDES ET PRODUITS REACTIONNELS ASSOCIES**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[71] GREYROCK TECHNOLOGY, LLC, US
[85] 2019-02-04
[86] 2017-07-26 (PCT/US2017/000042)
[87] (WO2018/026388)
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[13] A1
[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/52 (2006.01)**
[25] EN
[54] **AIR FILTER WITH PASSIVATED FILTER LIFE INDICATOR**
[54] **FILTRE A AIR AVEC INDICATEUR DE DUREE DE VIE DE FILTRE PASSIVE**
[72] CHENG, LIANG, CN
[72] FOX, ANDREW R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2019-02-04
[86] 2016-08-05 (PCT/CN2016/093657)
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[13] A1
[51] **Int.Cl. B32B 7/02 (2019.01) C08J 7/04 (2006.01)**
[25] EN
[54] **COATING FOR GLASS AND FORMING METHOD THEREOF, AND AUTOMOTIVE WINDOW**
[54] **REVETEMENT POUR VERRE ET SON PROCEDE DE FORMATION, ET FENETRE D'AUTOMOBILE**
[72] HE, TAO, CN
[72] GU, YUNXIN, CN
[72] SHI, CE, CN
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-02-04
[86] 2017-07-17 (PCT/CN2017/093107)
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[30] CN (201610638326.6) 2016-08-05

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[13] A1
[51] **Int.Cl. A61K 35/545 (2015.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **ALLEVIATION AND TREATMENT OF ISCHEMIA REPERFUSION-INDUCED LUNG INJURY USING PLURIPOTENT STEM CELLS**
[54] **SOULAGEMENT ET TRAITEMENT D'UNE LESION PULMONAIRE PROVOQUEE PAR UNE REPERFUSION ISCHEMIQUE A L'AIDE DE CELLULES SOUCHES PLURIPOTENTES**
[72] YABUKI, HIROSHI, JP
[72] OKADA, YOSHINORI, JP
[72] DEZAWA, MARI, JP
[71] LIFE SCIENCE INSTITUTE, INC., JP
[85] 2019-02-04
[86] 2017-08-03 (PCT/JP2017/028328)
[87] (WO2018/025976)
[30] JP (2016-153264) 2016-08-03

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[51] **Int.Cl. C12N 9/00 (2006.01) C12N 9/04 (2006.01)**
[25] EN
[54] **NOVEL GLUCOSE OXIDASE COMPOSITIONS**
[54] **NOUVELLES COMPOSITIONS DE GLUCOSE OXYDASE**
[72] KASARLE, DIVYA SHARAD, IN
[72] KASARLE, SHARAD KRISHNAJI, IN
[71] VEGANUTRITECH LLP, IN
[85] 2019-02-04
[86] 2017-08-08 (PCT/IN2017/050332)
[87] (WO2018/029705)
[30] IN (201621027241) 2016-08-09
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[51] **Int.Cl. E21B 43/08 (2006.01)**
[25] EN
[54] **SAND CONTROL SCREEN FOR HEAVY OIL THERMAL RECOVERY**
[54] **CREPINE DE CONTROLE DU SABLE POUR RECUPERATION THERMIQUE DE PETROLE LOURD**
[72] YI, HUIAN, CN
[72] LI, BOREN, CN
[72] WANG, ZHENXIANG, CN
[72] ZHUANG, QIANSHENG, CN
[72] CHEN, SHANYIN, CN
[72] LIU, MIAOREN, CN
[72] HUANG, XIPENG, CN
[72] LI, WENFEI, CN
[72] YI, QIZUN, CN
[72] TAO, ZHENG, CN
[71] STARSE ENERGY AND TECHNOLOGY (GROUP) CO., LTD, CN
[85] 2019-02-04
[86] 2016-09-13 (PCT/CN2016/098848)
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[51] **Int.Cl. A23K 50/10 (2016.01) A23K 20/142 (2016.01) A23K 20/174 (2016.01) A23K 40/30 (2016.01)**
[25] EN
[54] **PRODUCTION METHOD FOR RUMEN-BYPASSING PREPARATION, AND GRANULES OBTAINED BY MEANS OF PRODUCTION METHOD FOR RUMEN-BYPASSING PREPARATION**
[54] **PROCEDE DE FABRICATION POUR PREPARATION DE CONTOURNEMENT DU RUMEN ET GRANULES OBTENUS PAR LE PROCEDE DE FABRICATION POUR LA PREPARATION DE CONTOURNEMENT DU RUMEN**
[72] OKUTANI, ASUKA, JP
[72] TOSANO, NORIYUKI, JP
[72] YOSHIKAWA, FUMIAKI, JP
[72] NANIWA, HIDEKI, JP
[71] BIO SCIENCE CO., LTD., JP
[85] 2019-02-04
[86] 2017-08-10 (PCT/JP2017/029178)
[87] (WO2018/030528)
[30] JP (2016-157719) 2016-08-10

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[51] **Int.Cl. C10L 5/40 (2006.01) B09B 3/00 (2006.01) C10B 53/07 (2006.01)**
[25] EN
[54] **CARBONIZED FUEL MANUFACTURING APPARATUS AND CARBONIZED FUEL MANUFACTURING METHOD**
[54] **APPAREIL DE PRODUCTION DE COMBUSTIBLE CARBONISE ET PROCEDE DE PRODUCTION DE COMBUSTIBLE CARBONISE**
[72] JAMES, KOWALCZYK, US
[72] FRED L., JONES, US
[72] MATSUSHITA, TAKAMICHI, JP
[71] ECO RESEARCH INSTITUTE LTD., JP
[71] ECO BIO PLASTICS MIDLAND INC., US
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[54] **CURABLE FILM-FORMING COMPOSITIONS DEMONSTRATING INCREASED WET-EDGE TIME**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES PRESENTANT UN TEMPS OUVERT ACCRU**
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[72] KHUDIAKOV, MIKHAIL, US
[71] PRC-DESOTO INTERNATIONAL, INC., US
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[54] **SYSTEME D'ISOLATION A DOUBLE VITRAGE**
[72] SHIN, JAE SEUNG, KR
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[54] **ANTISEPTIC DELIVERY DEVICE AND METHOD OF USE**
[54] **DISPOSITIF D'ADMINISTRATION D'ANTISEPTIQUE ET SON PROCEDE D'UTILISATION**
[72] FOLLMAN, MARK, US
[72] BACHMAN, ALAN, US
[72] TANAYAN, JOHN, US
[72] BASTOS, MARGARITA, US
[71] PROFESSIONAL DISPOSABLES INTERNATIONAL, INC., US
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[54] **PISTOLET DE PULVERISATION**
[72] CVETEZAR, BRIAN, US
[72] CVETEZAR, ERNIE, US
[72] CVETEZAR, JEFF, US
[71] CVETEZAR, BRIAN, US
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[54] **FRUIT JAM COMPRISING ALLULOSE AND METHOD FOR MANUFACTURING SAME**
[54] **CONFITURE DE FRUIT COMPRENANT DE L'ALLULOSE ET SON PROCEDE DE FABRICATION**
[72] CHOI, JONG MIN, KR
[72] KIM, SU-JEONG, KR
[72] PARK, SEUNG WON, KR
[72] BAK, YOUN-KYUNG, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] SHIM, DONG SEOK, KR
[72] LEE, IN, KR
[72] JUNG, DONG CHUL, KR
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[54] **APPARATUS AND METHODS OF CAPPING METALLIC BOTTLES**
[54] **APPAREIL ET PROCEDES DE CAPSULAGE DE BOUTEILLES METALLIQUES**
[72] ROSS, JOHN R., US
[72] BONFOEY, DAVID J., US
[71] BALL CORPORATION, US
[85] 2019-02-04
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[54] **SYSTEM AND METHOD FOR RECOMMENDING A CONTENT SERVICE TO A CONTENT CONSUMER**
[54] **SYSTEME ET PROCEDE DE RECOMMANDATION D'UN SERVICE DE CONTENUS A UN CONSOMMATEUR DE CONTENUS**
[72] JULIANO, VIRGINIA, US
[71] V. JULIANO COMMUNICATIONS, LLC, US
[85] 2019-02-04
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[54] **THE SMELTER-GRADE ALUMINA PRODUCTION METHOD (EMBODIMENTS)**
[54] **PROCEDE DE PRODUCTION D'ALUMINE METALLURGIQUE (VARIANTES)**
[72] SENYUTA, ALEKSANDR SERGEEVICH, RU
[72] PANOV, ANDREY VLADIMIROVICH, RU
[72] MIL'SHIN, OLEG NIKOLAEVICH, RU
[72] SLOBODYANYUK, EDUARD ANDREEVICH, RU
[72] SMIRNOV, ANDREY ANDREEVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
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[54] **LAW ENFORCEMENT DRONE**
[54] **DRONE UTILISE PAR DES ORGANISMES D'APPLICATION DE LA LOI**
[72] WILKINSON, CHRISTOPHER, US
[71] WILKINSON, CHRISTOPHER, US
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[54] **A METHOD FOR INJECTIVITY PROFILING OF INJECTION WELLS**
[54] **PROCEDE D'ESSAI D'INJECTIVITE DE PUITS DE PRODUCTION**
[72] ASLANIAN, ARTUR MIKHAILOVICH, RU
[72] DAVYDOV, DMITRY ALEKSANDROVICH, RU
[72] SALAMATIN, ANDREY NIKOLAEVICH, RU
[71] LIMITED LIABILITY COMPANY "TERMOSIM", RU
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[54] **DISH MANIPULATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MANIPULATION DE VAISSELLE**
[72] BIRKMEYER, PAUL M., US
[72] POULIOT, LINDA H., US
[72] PETERS, KENNETH M., US
[71] DISHCRAFT ROBOTICS, INC., US
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[54] **NETWORK-BASED AUTOMATED PREDICTION MODELING**
[54] **MODELISATION PREDICTIVE AUTOMATISEE BASEE SUR UN RESEAU**
[72] GRIGG, ALASTAIR, NZ
[72] KEMKA, MARTIN, AU
[71] XERO LIMITED, US
[85] 2019-02-04
[86] 2017-08-03 (PCT/US2017/045351)
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[54] **BIOMARKERS FOR PREDICTING PRETERM BIRTH IN A PREGNANT FEMALE EXPOSED TO PROGESTOGENS**
[54] **BIOMARQUEURS POUR PREVOIR UN ACCOUCHEMENT PREMATURE CHEZ UNE FEMELLE GRAVIDE EXPOSEE A DES PROGESTOGENES**
[72] BONIFACE, JOHN JAY, US
[72] BURCHARD, JULJA, US
[72] CRITCHFIELD, GREG CHARLES, US
[72] FLEISCHER, TRACEY CRISTINE, US
[72] HICKOK, DURLIN EDWARD, US
[72] RANDOLPH, TODD LENWELL, US
[72] SHAHBABA, BABAK, US
[71] SERA PROGNOSTICS, INC., US
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[54] **AGENT ARNI CONTRE L'INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] LI, ZHEN, US
[72] ZHU, RUI, US
[72] WOODDELL, CHRISTINE I., US
[72] GIVEN, BRUCE D., US
[72] PEI, TAO, US
[72] LEWIS, DAVID L., US
[72] ALMEIDA, LAUREN J., US
[72] ROZEMA, DAVID B., US
[72] WAKEFIELD, DARREN H., US
[71] ARROWHEAD PHARMACEUTICALS, INC., US
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[54] **COMPUTER ARCHITECTURE AND METHOD FOR RECOMMENDING ASSET REPAIRS**
[54] **ARCHITECTURE D'ORDINATEUR ET PROCEDE POUR RECOMMANDER DES REPARATIONS DE BIENS MATERIELS**
[72] MCELHINNEY, ADAM, US
[72] SILVA, BRIAN, US
[72] LIM, JUNG HA, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2019-02-04
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[54] **MODIFIED ANTIBODY-ALBUMIN NANOPARTICLE COMPLEXES FOR CANCER TREATMENT**
[54] **COMPLEXES DE NANOPARTICULES D'ANTICORPS-ALBUMINE MODIFIEES POUR LE TRAITEMENT DU CANCER.**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[72] BUTTERFIELD, JOHN THOMAS, US
[72] KNAUER, DANIEL JOSEPH, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[54] **CASING EXIT JOINT WITH GUIDING PROFILES AND METHODS FOR USE**
[54] **JOINT DE SORTIE DE TUBAGE POURVU DE PROFILES DE GUIDAGE ET PROCEDES D'UTILISATION**
[72] VAN DER VEEN, STEFFEN HELGESEN, NO
[72] DAHL, ESPEN, NO
[72] FALNES, MORTEN, NO
[72] TELFER, STUART ALEXANDER, GB
[72] HEPBURN, NEIL, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TREATMENT OF CANCER USING A COMBINATION OF IMMUNOMODULATION AND CHECK POINT INHIBITORS**
[54] **TRAITEMENT DU CANCER A L'AIDE D'UNE COMBINAISON D'INHIBITEURS D'IMMUNOMODULATION ET DE POINT DE CONTROLE**
[72] NEVILLE, DAVID M., US
[71] ANGIMMUNE, LLC, US
[85] 2019-02-04
[86] 2017-08-08 (PCT/US2017/045823)
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[54] **INTERNAL COMBUSTION ENGINE INTAKE POWER BOOSTER SYSTEM**
[54] **SYSTEME AMPLIFICATEUR DE PUISSANCE D'ADMISSION DE MOTEUR A COMBUSTION INTERNE**
[72] EVULET, ANDREI, US
[72] HAWKINS, JOHN, US
[71] JETOPTERA, INC., US
[85] 2019-02-04
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[54] **METHOD AND APPARATUS FOR PROVIDING AIR FLOW**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UN FLUX D'AIR**
[72] PATEL, NISHANK R., US
[72] SOMMERS, ERIC, US
[72] SCHNEIDER, JOSEPH C., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-02-04
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[54] **PROTEINES DE LIAISON ANTI-OX40**
[72] BRESSON, DAMIEN, US
[71] SORRENTO THERAPEUTICS, INC., US
[71] BRESSON, DAMIEN, US
[85] 2019-02-04
[86] 2017-08-07 (PCT/US2017/045788)
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[54] **INDUCTION WELD BEAD SHAPING**
[54] **MISE EN FORME DE CORDON DE SOUDURE PAR INDUCTION**
[72] SIGL, DENNIS, US
[72] WAGNER, DUSTIN, US
[72] HSU, CHRISTOPHER, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-02-04
[86] 2017-07-28 (PCT/US2017/044341)
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[25] EN
[54] **REDUCING RESIDUAL MONOMER CONTENT IN COPOLYMERS OF STYRENE AND VINYLPYRIDINE**
[54] **REDUCTION DE LA TENEUR EN MONOMERES RESIDUELS DANS DES COPOLYMERES DE STYRENE ET DE VINYLPYRIDINE**
[72] WANG, XIAOJUN, US
[72] ARHANCET, GRACIELA B., US
[72] EMBSE, RICHARD VONDER, US
[72] HUME, JOHN, US
[71] NOVUS INTERNATIONAL INC., US
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[54] **SYSTEME DE GESTION DE RESSOURCES COMMERCIALES EN TEMPS REEL**
[72] THOMAS, PATRICK, US
[72] CHOLKAMY, HUSSEIN, US
[72] MEADOWS, JAMES, US
[72] COOK, DANIEL, US
[71] PRESCIENT SYSTEMS, INC., US
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[25] EN
[54] **WELDING-TYPE POWER SUPPLIES WITH ADJUSTABLE AC CURRENT COMMUTATION THRESHOLDS**
[54] **ALIMENTATIONS EN PUISSANCE DE TYPE SOUDAGE A SEUILS REGLABLES DE COMMUTATION DE COURANT ALTERNATIF**
[72] KADLEC, MARK S., US
[72] HENRY, ANDREW JOSEPH, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-02-04
[86] 2017-08-08 (PCT/US2017/045920)
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[30] US (62/375,830) 2016-08-16
[30] US (15/670,168) 2017-08-07

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[51] **Int.Cl. G01R 33/48 (2006.01) G01R 33/28 (2006.01) G06F 1/16 (2006.01)**
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[54] **ELECTRONIC TABLET FOR USE IN FUNCTIONAL MRI**
[54] **TABLETTE ELECTRONIQUE POUR UTILISATION EN IRM FONCTIONNELLE**
[72] STURGEON, JEFFREY, US
[72] SHROYER, ALEXANDER, US
[72] VINCI-BOOHER, SOPHIA ANGELA, US
[72] JAMES, KARIN, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[25] EN
[54] **FINFET WITH REDUCED SERIES TOTAL RESISTANCE**
[54] **FINFET A RESISTANCE TOTALE EN SERIE REDUITE**
[72] ROH, UKJIN, US
[72] EKBOTE, SHASHANK, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-02-04
[86] 2017-08-08 (PCT/US2017/045972)
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING PERFORMANCE OF FORWARD OSMOSIS SYSTEMS**
[54] **SYSTEMES ET PROCEDES DESTINES A L'AMELIORATION DES PERFORMANCES DE SYSTEMES OSMOTIQUE DIRECTE**
[72] DROVER, CHRISTOPHER, US
[72] STASCHKE, LEAH, US
[72] MAXWELL, ERIC, US
[72] MCFADYEN, SETH, US
[71] OASYS WATER LLC, US
[85] 2019-02-04
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[25] EN
[54] **ANALOG-TO-DIGITAL DRIVE CIRCUITRY HAVING BUILT-IN TIME GAIN COMPENSATION FUNCTIONALITY FOR ULTRASOUND APPLICATIONS**
[54] **CIRCUIT D'ATTAQUE ANALOGIQUE-NUMERIQUE POSSEDANT UNE FONCTIONNALITE DE COMPENSATION DE GAIN DE TEMPS INTEGREE SERVANT A DES APPLICATIONS ULTRASONORES**
[72] CHEN, KAILIANG, US
[72] FIFE, KEITH G., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2019-02-04
[86] 2017-08-29 (PCT/US2017/049024)
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[54] **SYNTHESIS OF (S)-2-AMINO-4-METHYL-1-((R)-2-METHYLOXIRANE-2-YL)-PENTAN-1-ONE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **SYNTHESE DE (S)-2-AMINO-4-METHYL-1-((R)-2-METHYLOXIRANE-2-YL)-PENTAN-1-ONE ET DE SES SELS PHARMACEUTIQUEMENT ACCEPTABLES**
[72] BEAVER, MATT, US
[72] CUI, SHENG, US
[72] SHI, XIANQING, US
[71] AMGEN INC., US
[85] 2019-02-04
[86] 2017-08-03 (PCT/US2017/045274)
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[25] EN
[54] **METHOD AND APPARATUS OF DECORATING A METALLIC CONTAINER BY DIGITAL PRINTING TO A TRANSFER BLANKET**
[54] **PROCEDE ET APPAREIL DE DECORATION D'UN RECIPIENT METALLIQUE PAR IMPRESSION NUMERIQUE SUR UN BLANCHET DE TRANSFERT**
[72] STOWITTS, ADAM P.S., US
[71] BALL CORPORATION, US
[85] 2019-02-04
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[54] **FIN FIELD EFFECT TRANSISTORS (FETS) (FINFETS) EMPLOYING DIELECTRIC MATERIAL LAYERS TO APPLY STRESS TO CHANNEL REGIONS**
[54] **TRANSISTORS A EFFET DE CHAMP (FET) A AILETTES (FINFET) UTILISANT DES COUCHES DE MATERIAU DIELECTRIQUE AFIN D'APPLIQUER UNE CONTRAINTE A DES REGIONS DE CANAL**
[72] ROH, UKJIN, US
[72] CHOI, YOUN SUNG, US
[72] EKBOTE, SHASHANK, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-02-04
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[54] **HIGH SPEED RINSING SOLUTION APPLICATION**
[54] **APPLICATION DE SOLUTION DE RINCAGE A HAUTE VITESSE**
[72] LEINER, ANDREW MICHAEL, AU
[72] TOOLEY, EARNEST DEWAYNE, US
[72] ARCHE, ULISES PARDO, MX
[71] MPSC AUSTRALIA, PTY., LTD, AU
[85] 2019-02-04
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[54] **SYSTEM FOR AND METHOD OF CONTROLLING SHIELDING GAS FLOW IN A WELDING DEVICE BASED ON THE SIZE OF THE NOZZLE**
[54] **SYSTEME ET PROCEDE DE REGULATION DU DEBIT DE GAZ PROTECTEUR DANS UN DISPOSITIF DE SOUDAGE SUR LA BASE DE LA TAILLE DE LA BUSE**
[72] HOEGER, MICHAEL, US
[72] ERNDT, ZACHARY, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-02-04
[86] 2017-08-14 (PCT/US2017/046700)
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[54] **AUTOMATED STORAGE AND RETRIEVAL SYSTEM WITH DETECTOR FOR DETECTING ITEMS EXTENDING BEYOND DIMENSIONAL THRESHOLD**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATISE AVEC DETECTEUR POUR DETECTER DES ARTICLES QUI S'ETENDENT AU-DELA D'UN SEUIL DIMENSIONNEL**
[72] LYNCH, CHRISTOPHER, US
[72] STEVENS, ALEXANDER, US
[72] DEWITT, ROBERT R., US
[72] HEINS, WILLIAM L., US
[71] OPEX CORPORATION, US
[85] 2019-02-04
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[54] **RADIO SYSTEM USING NODES**
[54] **SYSTEME DE RADIOCOMMUNICATION UTILISANT DES N□UDS**
[72] SCHLOEMER, GERALD R., US
[71] STAR MESH LLC, US
[85] 2019-02-04
[86] 2017-08-23 (PCT/US2017/048110)
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[30] US (62/379,601) 2016-08-25
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[54] **USE OF LOW DOSE ARSENIC FOR PRESERVING GENOMIC INTEGRITY**
[54] **UTILISATION D'ARSENIC A FAIBLE DOSE POUR PRESERVER L'INTEGRITE GENOMIQUE**
[72] HA, CHUL SOO, US
[72] YUAN, ZHI-MIN, US
[72] SU, HANG, US
[72] HASTY, EDWARD PAUL, US
[72] BERTUCH, ALISON A., US
[72] GRAMATGES, MARIA MONICA, US
[72] SWANSON, GREGORY P., US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2019-02-04
[86] 2017-08-16 (PCT/US2017/047098)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING POLYMYXIN B/TRIMETHOPRIM BASED THERAPEUTICS**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DES AGENTS THERAPEUTIQUES A BASE DE POLYMYXINE B/TRIMETHOPRIME**
[72] DUNMAN, PAUL M., US
[72] WOZNIAK, RACHEL, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2019-02-04
[86] 2017-08-16 (PCT/US2017/047060)
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[25] EN
[54] **METHODS OF DIFFERENTIATING STEM CELLS INTO ENDODERM**
[54] **PROCEDES DE DIFFERENCIATION DE CELLULES SOUCHES EN ENDODERME**
[72] HUANGFU, DANWEI, US
[72] LI, QING, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2019-02-04
[86] 2017-08-18 (PCT/US2017/047599)
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[25] EN
[54] **PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS**
[54] **PROCEDE DE LIXIVIATION DE SULFURES METALLIQUES AU MOYEN DE REACTIFS POSSEDANT DES GROUPES FONCTIONNELS THIOCARBONYLE**
[72] DIXON, DAVID, CA
[72] ASSELIN, EDOUARD, CA
[72] REN, ZIHE, CA
[72] MORA-HUERTAS, NELSON, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[71] JETTI RESOURCES, KY
[85] 2019-02-04
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[25] EN
[54] **METHOD FOR PREPARING WASTE POWDER FROM GENERATIVE PRODUCTION PROCESSES**
[54] **PROCEDE DE RETRAITEMENT DE POUDRE USAGEE PROVENANT D'UN PROCEDE DE FABRICATION ADDITIVE**
[72] GRIESSBACH, SOREN, DE
[71] GRIESSBACH, SOREN, DE
[85] 2019-02-05
[86] 2017-07-26 (PCT/DE2017/000233)
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[25] EN
[54] **FABRIC HAVING HEAT RETAINING PROPERTIES**
[54] **TISSU POSSEDANT DES PROPRIETES DE RETENTION DE LA CHALEUR**
[72] NG, CALVIN, CA
[72] YAMAMOTO, TOMIZO, JP
[71] POMMELLO INC., CA
[85] 2019-02-04
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[25] EN
[54] **COMPOSITIONS CONTAINING FUSION PROTEIN OF ALBUMIN AND ANALOGS THEREOF, METHODS FOR MAKING AND USING THE SAME**
[54] **COMPOSITIONS CONTENANT UNE PROTEINE HYBRIDE D'ALBUMINE ET DES ANALOGUES DE CELLE-CI, PROCEDES DE PRODUCTION ET D'UTILISATION DE CELLES-CI**
[72] MO, JOSEPH Y., US
[72] CHU, CHUN KWONG, CN
[71] NAL PHARMACEUTICAL GROUP LIMITED, CN
[71] MO, JOSEPH Y., US
[85] 2019-02-04
[86] 2017-06-27 (PCT/US2017/039477)
[87] (WO2018/038803)
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[25] EN
[54] **FORMULATION FOR INHIBITING FORMATION OF 5-HT 2B AGONISTS AND METHODS OF USING SAME**
[54] **FORMULATION POUR L'INHIBITION D'AGONISTES DE 5-HT2B ET PROCEDES POUR LEUR UTILISATION**
[72] FARR, STEPHEN J., US
[72] BOYD, BROOKS, US
[71] ZOGENIX INTERNATIONAL LIMITED, GB
[85] 2019-02-04
[86] 2017-08-02 (PCT/IB2017/054740)
[87] (WO2018/037306)
[30] US (62/379,183) 2016-08-24
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[51] **Int.Cl. C12M 1/12 (2006.01) C12N 5/07 (2010.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF CELL ATTACHMENT**
[54] **COMPOSITIONS ET PROCEDES DE FIXATION DE CELLULES**
[72] LEVNER, DANIEL, US
[72] HUH, DONGEUN HUH, US
[72] JANG, KYUNG JIN, US
[72] FRASER, JACOB, US
[72] KERNS, S. JORDAN, US
[72] VARONE, ANTONIO, US
[71] EMULATE, INC., US
[85] 2019-02-04
[86] 2017-07-12 (PCT/US2017/041762)
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[54] **TAP CLAMP**
[54] **PINCE POUR ROBINET**
[72] DIOP, SEYDOU, US
[72] CANDELARIA, ADRIAN BEAU, US
[71] HUBBELL INCORPORATED, US
[85] 2019-02-04
[86] 2017-08-03 (PCT/US2017/045235)
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[51] **Int.Cl. A61B 5/0482 (2006.01)**
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[54] **SYSTEM AND METHOD FOR DETECTING ACUTE BRAIN FUNCTION IMPAIRMENT**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UNE ALTERATION DE FONCTION CEREBRALE AIGUE**
[72] EVINS, A. EDEN, US
[72] GILMAN, JODI M., US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **CONTROLLED BLOOD DELIVERY TO MIXING CHAMBER OF A BLOOD TESTING CARTRIDGE**
[54] **APPORT CONTROLE DE SANG DANS UNE CHAMBRE DE MELANGE D'UNE CARTOUCHE DE TEST SANGUIN**
[72] HILLMAN, ROBERT, US
[72] GORIN, MICHAEL M., US
[72] MCCLUSKEY, CORY LEE, US
[72] SCHWAIGER, HUBERT MARTIN, US
[71] CA CASYSO GMBH, CH
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[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] HARLING, JOHN DAVID, GB
[72] TINWORTH, CHRISTOPHER, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2019-02-05
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[30] GB (1614134.3) 2016-08-18

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[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/592 (2006.01) E21B 43/24 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **COINJECTION OF DIMETHYL ETHER AND STEAM FOR BITUMEN AND HEAVY OIL RECOVERY**
[54] **CO-INJECTION D'ETHER DIMETHYLIQUE ET DE VAPEUR POUR LA RECUPERATION DE BITUME ET D'HUILE LOURDE**
[72] OKUNO, RYOSUKE, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2019-02-04
[86] 2017-08-07 (PCT/US2017/045724)
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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 9/00 (2006.01) C12Q 1/37 (2006.01)**
[25] EN
[54] **STABLE PEPTIDES AND METHODS OF USE THEREOF**
[54] **PEPTIDES STABLES ET LEURS PROCEDES D'UTILISATION**
[72] GIRARD, EMILY JUNE, US
[72] CORRENTI, COLIN, US
[72] OLSON, JAMES, US
[72] NAIRN, NATALIE WINBLADE, US
[72] GEWE, MESFIN MULUGETA, US
[72] MEHLIN, CHRISTOPHER, US
[72] CROOK, ZACHARY, US
[72] STRONG, ROLAND, US
[72] PRESNELL, SCOTT RONALD, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[71] BLAZE BIOSCIENCE, INC., US
[85] 2019-02-04
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[87] (WO2018/049285)
[30] US (62/385,908) 2016-09-09
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[51] **Int.Cl. B65D 88/78 (2006.01) B65D 88/34 (2006.01) B65D 88/60 (2006.01) B65D 88/62 (2006.01)**
[25] EN
[54] **SUBSEA FLUID STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE FLUIDE SOUS-MARIN**
[72] PRIMM, BENJAMIN, US
[72] LEON, CHRISTOPHER, US
[72] SCHULZ, EARL, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2019-02-04
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[30] US (62/393,792) 2016-09-13

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[54] **BASE EMULSION FOR THE PREPARATION OF ICINGS, FILLINGS AND TOPPINGS**
[54] **EMULSION DE BASE POUR LA PREPARATION DE GLACAGES, DE GARNITURES ET DE NAPPAGES**
[72] HESLER, WILLIAM MICHAEL, US
[72] DANN, ORELIA ELIZABETH, US
[72] HART, ANDREW RICHARD, US
[71] CSM BAKERY SOLUTIONS EUROPE HOLDING B.V., NL
[85] 2019-02-05
[86] 2017-08-03 (PCT/EP2017/069643)
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[30] US (62/371,501) 2016-08-05

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[51] **Int.Cl. C08F 2/00 (2006.01) B01J 19/00 (2006.01) C08F 2/01 (2006.01) C08F 2/12 (2006.01) C08F 2/18 (2006.01) C08L 23/04 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **REACTOR SYSTEM FOR MULTIMODAL POLYETHYLENE POLYMERIZATION**
[54] **SYSTEME DE REACTEUR POUR LA POLYMERISATION DE POLYETHYLENE MULTIMODAL**
[72] TIYAPIBOONCHAIYA, PIYAWAN, TH
[72] SAMPHAWAMONTRI, PATCHARIN, TH
[72] KLOMKAMOL, WARACHAD, TH
[71] THAI POLYETHYLENE CO., LTD., TH
[71] SCG CHEMICALS CO., LTD., TH
[85] 2019-02-05
[86] 2017-09-07 (PCT/EP2017/072477)
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[30] EP (16188318.6) 2016-09-12

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[51] **Int.Cl. B62B 1/00 (2006.01) B62B 3/02 (2006.01)**
[25] EN
[54] **AIR CYLINDER CART WITH MANIFOLD FOR SUPPLYING ONE OR TWO CONTROL PANELS**
[54] **CHARIOT A BOUTEILLES D'AIR COMPRIME AVEC COLLECTEUR POUR ALIMENTER UN OU DEUX PANNEAUX DE COMMANDE**
[72] INTRAVATOLA, LAWRENCE SHANE, US
[71] AIR SYSTEMS, INC. D.B.A. AIR SYSTEMS INTERNATIONAL, INC., US
[85] 2019-02-04
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[51] **Int.Cl. H04W 36/00 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **LONG TERM EVOLUTION (LTE) HANDOVER WITH THE SAME SECONDARY LINK**
[54] **TRANSFERT D'EVOLUTION A LONG TERME (LTE) AVEC LA MEME LIAISON SECONDAIRE**
[72] OZTURK, OZCAN, US
[72] MAHESHWARI, SHAILESH, US
[72] MEYLAN, ARNAUD, US
[72] XIAO, GANG ANDY, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-02-04
[86] 2017-09-22 (PCT/US2017/052941)
[87] (WO2018/057880)
[30] US (62/398,423) 2016-09-22
[30] US (15/710,963) 2017-09-21

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[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) C08L 23/04 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCES MULTIMODAL ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE**
[54] **POLYETHYLENE MULTIMODAL HAUTE PERFORMANCE A MASSE MOLECULAIRE ULTRA ELEVEE**
[72] JARUMANEEROJ, CHATCHAI, TH
[72] TRAISILANUN, SARANYA, TH
[72] CHEEVASRIRUNGRUANG, WATCHAREE, TH
[72] TIYAPIBOONCHAIYA, PIYAWAN, TH
[71] THAI POLYETHYLENE CO., LTD., TH
[71] SCG CHEMICALS CO., LTD., TH
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[51] **Int.Cl. A61L 9/012 (2006.01) A41D 13/11 (2006.01) A61L 2/16 (2006.01) A61L 2/232 (2006.01)**
[25] EN
[54] **MATERIAL, DEVICE, AND METHOD FOR DEACTIVATING PATHOGEN IN AEROSOL, AND METHODS FOR MANUFACTURING THEREOF**
[54] **MATERIAU, DISPOSITIF ET PROCEDE DE DESACTIVATION D'UN AGENT PATHOGENE DANS UN AEROSOL, ET LEURS PROCEDES DE FABRICATION**
[72] CHOI, HYO-JICK, CA
[71] CHOI, HYO-JICK, CA
[85] 2019-02-05
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[54] **PROCEDES ET REACTIFS UTILISES POUR LA DETECTION DU PALUDISME A PLASMODIUM FALCIPARUM RESISTANT A LA PIPERAQUINE**
[72] MENARD, DIDIER, FR
[72] ARIEY, FREDERIC, FR
[72] WITKOWSKI, BENOIT, FR
[72] DURU, VALENTINE, FR
[72] KHIM, NIMOL, KH
[72] BEGHAIN, JOHANN, FR
[72] SAINT PIERRE, BENJAMIN, FR
[72] LEGRAND, ERIC, FR
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[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **SECURITE DE STRATE D'ACCES SERVANT A UN TRAITEMENT EFFICACE DE PAQUETS**
[72] LEE, SOO BUM, US
[72] KUBOTA, KEIICHI, US
[72] ESCOTT, ADRIAN EDWARD, US
[72] HORN, GAVIN BERNARD, US
[72] PALANIGOUNDER, ANAND, US
[71] QUALCOMM INCORPORATED, US
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[54] **FUSED BICYCLIC INHIBITORS OF MENIN-MLL INTERACTION**
[54] **INHIBITEURS BICYCLIQUES FUSIONNES DE L'INTERACTION MENINE-MLL**
[72] ANGIBAUD, PATRICK RENE, FR
[72] PANDE, VINEET, BE
[72] HERKERT, BARBARA, BE
[72] KROSKY, DANIEL JASON, US
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] PATRICK, AARON NATHANIEL, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **ESCALIER ESCAMOTABLE**
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[71] BIANCHI, ZEV, AU
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[54] **COMPOSITION FOR THE TREATMENT OF PATHOLOGIES OF THE URINARY SYSTEM**
[54] **COMPOSITION POUR LE TRAITEMENT DE PATHOLOGIES DU SYSTEME URINAIRE**
[72] FERRARI, ALESSIO, IT
[72] GENOVA, LUCIANO, IT
[71] ALFAKJN S.R.L., IT
[85] 2019-02-05
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[54] **TECHNIQUES FOR WLAN MEASUREMENTS FOR UNLICENSED SPECTRUM COMMUNICATIONS**
[54] **TECHNIQUES POUR DES MESURES DE WLAN POUR DES COMMUNICATIONS DE SPECTRE SANS LICENCE**
[72] OZTURK, OZCAN, US
[72] MEYLAN, ARNAUD, US
[72] VEEREPALLI, SIVARAMAKRISHNA, US
[71] QUALCOMM INCORPORATED, US
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[54] **AUTO ADDRESS AND CONFIGURATION OF A MULTI-DROP COMMUNICATION SYSTEM INCLUDING AUTOMATIC TERMINATION OF SAME**
[54] **ADRESSAGE ET CONFIGURATION AUTOMATIQUES D'UN SYSTEME DE COMMUNICATION MULTIPOINT AVEC TERMINAISON AUTOMATIQUE**
[72] JOUPER, JEFFREY A., US
[71] ASTRONICS ADVANCED ELECTRONIC SYSTEMS CORP., US
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[54] **RETRACTION DEVICE FOR A DRAWER MECHANISM**
[54] **DISPOSITIF D'INSERTION POUR SYSTEME D'EXTRACTION DE TIROIR**
[72] SATONY, CHRISTIAN, DE
[72] SCHARER, ALEXANDER, CH
[72] DIENES, THOMAS, CH
[72] STOCKLI, KASPAR, CH
[71] USM HOLDING AG, CH
[71] ACCURIDE INTERNATIONAL GMBH, DE
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[54] **COMPOSITION FOR USE IN THE TREATMENT OF MAJOR DEPRESSIVE DISORDER**
[54] **COMPOSITION DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'UN TROUBLE DEPRESSIF MAJEUR**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
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[54] **SYSTEM AND METHOD FOR SECONDARY CONTAINMENT OF PRODUCTS CONVEYED BY PIPELINE TRANSPORT**
[54] **SYSTEME ET PROCEDE DE CONFINEMENT SECONDAIRE DE PRODUITS CONVOYES PAR LE TRANSPORT PAR PIPELINE**
[72] YOUNG, LAWRENCE WILLIAM, CA
[71] TOTAL CONTAINMENT INC., CA
[85] 2019-02-05
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[54] **METHOD FOR THE DIAGNOSIS OF ACUTE PANCREATITIS (AP) BY DETECTION OF GLYCOPROTEIN 2 ISOFORM ALPHA (GP2A)**
[54] **METHODE DE DIAGNOSTIC DE PANCREATITE AIGUE (AP) PAR DETECTION D'ISOFORME ALPHA DE GLYCOPROTEINE 2 (GP2A)**
[72] ROGGENBUCK, DIRK, DE
[71] GA GENERIC ASSAYS GMBH, DE
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[25] EN
[54] **MOUNTING STRUCTURE AND HOUSEHOLD APPLIANCE**
[54] **STRUCTURE DE MONTAGE ET APPAREIL ELECTROMENAGER**
[72] YUAN, JINGUO, CN
[71] HEFEI HUALING CO., LTD., CN
[71] HEFEI MIDEA REFRIGERATOR CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
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[54] **METHOD FOR STORING ENERGY IN THE FORM OF HYDRAZINE CARBONATE**
[54] **PROCEDE POUR L'ACCUMULATION D'ENERGIE SOUS FORME DE CARBONATE D'HYDRAZINE**
[72] HOLWEGER, WALTER, DE
[72] WEGENER, MORITZ, DE
[72] MUSAYEV, YASHAR, DE
[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
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[25] EN
[54] **COMBINATION OF HISTAMINE-3 RECEPTOR INVERSE AGONISTS WITH ACETYLCHOLINESTERASE INHIBITORS**
[54] **COMBINAISON D'AGONISTES INVERSES DU RECEPTEUR DE L'HISTAMINE-3 AVEC DES INHIBITEURS DE L'ACETYLCHOLINESTERASE**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] MOHAMMED, ABDUL RASHEED, IN
[72] JAYARAJAN, PRADEEP, IN
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[72] JASTI, VENKATESWARLU, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
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[54] **FORCE-CLOSURE OR FORM-CLOSURE POSITIONING OF SURGICAL TEMPLATES FOR GUIDED IMPLANT DENTISTRY**
[54] **POSITIONNEMENT DE FERMETURE DE FORCE OU DE FERMETURE DE FORME DE GABARITS CHIRURGICAUX POUR DENTISTERIE D'IMPLANT GUIDEE**
[72] MASSOELS, JO, BE
[72] POLSPOEL, WOUTER, BE
[72] MUYLAERT, DOMINIK, BE
[71] DENTSPLY IMPLANTS NV, BE
[85] 2019-02-05
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[54] **INJECTION SOUS-CUTANEE POUR REDUIRE LE POIDS CORPOREL ET APPLICATION ASSOCIEE**
[72] LING, YU-FANG, TW
[71] CALIWAY BIOPHARMACEUTICALS CO., LTD., CN
[85] 2019-02-05
[86] 2017-08-25 (PCT/IB2017/055129)
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[25] EN
[54] **SEMICONDUCTOR CAPACITOR**
[54] **CONDENSATEUR A SEMI-CONDUCTEUR**
[72] HAYAMI, YASUAKI, JP
[72] HAYASHI, TETSUYA, JP
[72] ZUSHI, YUSUKE, JP
[72] NI, WEI, JP
[72] OKUBO, AKINORI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **STACK OF PAPER SHEETS, DISPENSER HAVING SUCH A STACK AND METHOD FOR FORMING SUCH A STACK**
[54] **EMPILEMENT DE FEUILLES DE PAPIER, DISTRIBUTEUR COMPORTANT UN TEL EMPILEMENT ET PROCEDE DE FORMATION D'UN TEL EMPILEMENT**
[72] FALK, MAGNUS, SE
[72] DENIS, YOANN, FR
[72] CARLSON, PAUL, US
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
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[25] EN
[54] **PAPER PRODUCT AND METHOD FOR INCREASING THE STRENGTH THEREOF**
[54] **PRODUIT DE PAPIER ET PROCEDE D'AUGMENTATION DE SA RESISTANCE**
[72] LUO, YUPING, US
[72] TELLAKULA, ROOPA, US
[72] ROSENCRANCE, SCOTT, US
[71] KEMIRA OYJ, FI
[85] 2019-02-05
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[54] **ANTI-AGEING PHARMACEUTICAL PREPARATION**
[54] **PREPARATION PHARMACEUTIQUE ANTI-VIEILLISSEMENT**
[72] WEHLING, PETER, DE
[72] REINECKE, JULIO, DE
[71] ORTHOGEN AG, DE
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[86] 2017-05-11 (PCT/EP2017/000574)
[87] (WO2018/033226)
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[54] **SUSTAINED-RELEASE BUPRENORPHINE FORMULATIONS BACKGROUND OF INVENTION**
[54] **ARRIERE-PLAN DE L'INVENTION DE FORMULATIONS DE BUPRENORPHINE A LIBERATION PROLONGEE**
[72] LIN, TONG-HO, CN
[72] WEN, YUNG-SHUN, CN
[72] LIANG, JUI-WEI, CN
[71] ALAR PHARMACEUTICALS INC., CN
[85] 2019-02-05
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[51] **Int.Cl. E01B 31/12 (2006.01)**
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[54] **MACHINE WHICH IS MOVABLE ON A TRACK FOR REMOVING IRREGULARITIES ON A RAIL HEAD SURFACE**
[54] **MACHINE SUR RAIL PERMETTANT L'ENLEVEMENT D'IRREGULARITES DE LA SURFACE D'UN CHAMPIGNON DE RAIL**
[72] WORGOTTER, HERBERT, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
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[51] **Int.Cl. B27D 3/02 (2006.01) F26B 3/20 (2006.01) F26B 15/12 (2006.01)**
[25] EN
[54] **MULTISTAGE DRYING APPARATUS AND MULTISTAGE DRYING METHOD FOR SHEET MATERIAL TO BE TREATED**
[54] **APPAREIL DE SECHAGE A ETAGES MULTIPLES ET PROCEDE DE SECHAGE A ETAGES MULTIPLES POUR MATERIAUX EN PLAQUES A TRAITER**
[72] ISHIGURO, MASARU, JP
[72] MIZUTANI, KEISUKE, JP
[72] KATO, WATARU, JP
[72] SATO, NORIYUKI, JP
[72] AOYAMA, KAZUYA, JP
[71] TAIHEI MACHINERY WORKS, LTD., JP
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[54] **MULTISTAGE CONVEYANCE METHOD, MULTISTAGE CONVEYANCE APPARATUS, AND MULTISTAGE PRESS APPARATUS FOR SHEET MATERIAL TO BE TREATED**
[54] **PROCEDE DE TRANSPORT A ETAGES MULTIPLES, APPAREIL DE TRANSPORT A ETAGES MULTIPLES ET APPAREIL DE PRESSE A ETAGES MULTIPLES POUR MATERIAUX A PLAQUES A TRAITER**
[72] ISHIGURO, MASARU, JP
[72] MIZUTANI, KEISUKE, JP
[72] KATO, WATARU, JP
[71] TAIHEI MACHINERY WORKS, LTD., JP
[85] 2019-02-05
[86] 2017-06-26 (PCT/JP2017/023371)
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[30] JP (2016-156477) 2016-08-09

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[25] EN
[54] **TRIPLE COMBINATION OF HISTAMINE-3 RECEPTOR INVERSE AGONISTS, ACETYLCHOLINESTERASE INHIBITORS AND NMDA RECEPTOR ANTAGONIST**
[54] **TRIPLE COMBINAISON D'AGONISTES INVERSES DU RECEPTEUR D'HISTAMINE-3, D'INHIBITEURS DE L'ACETYLCHOLINESTERASE ET D'ANTAGONISTES DU RECEPTEURS NMDA**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] MOHAMMED, ABDUL RASHEED, IN
[72] JAYARAJAN, PRADEEP, IN
[72] BHYRAPUNENI, GOPINADH, IN
[72] JASTI, VENKATESWARLU, IN
[71] SUVEN LIFE SCIENCES LIMITED, IN
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[86] 2017-08-14 (PCT/IB2017/054939)
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[51] **Int.Cl. A61K 38/38 (2006.01) A61K 35/14 (2015.01)**
[25] EN
[54] **BLOOD PLASMA FRACTIONS AS A TREATMENT FOR AGING-ASSOCIATED COGNITIVE DISORDERS**
[54] **FRACTIONS DE PLASMA SANGUIN UTILISEES EN TANT QUE TRAITEMENT DE TROUBLES COGNITIFS ASSOCIES AU VIEILLISSEMENT**
[72] BELL, DAVID, IE
[72] GALLAGER, IAN, US
[72] BRAITHWAITE, STEVEN P., US
[72] MINAMI, S. SAKURA, US
[72] DANG, VU, US
[72] MCCRACKEN, JOE, US
[72] NIKOLICH, KAROLY, US
[71] ALKAHEST, INC., US
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[30] US (62/376,529) 2016-08-18
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[51] **Int.Cl. B60C 17/08 (2006.01) B60C 9/00 (2006.01) B60C 13/00 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE WITH ANNULAR SIDEWALL CONCAVITY**
[54] **PNEU DOTE D'UNE CONCAVITE DE PAROI LATERALE ANNULAIRE**
[72] NOVOPLANSKI, AVISHAY, IL
[72] EDERY AZULAY, LUCY, IL
[71] GALILEO WHEEL LTD., IL
[85] 2019-02-05
[86] 2017-09-25 (PCT/IL2017/051072)
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[30] US (62/399,420) 2016-09-25

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[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01) B65B 1/30 (2006.01) B65B 57/10 (2006.01)**
[25] EN
[54] **MEDICATION SACHET PACKAGING DEVICE**
[54] **DISPOSITIF D'EMBALLAGE DE SACHETS DE MEDICAMENTS**
[72] KOIKE, NAOKI, JP
[72] FUKAMORI, RYOSUKE, JP
[71] YUYAMA MFG. CO., LTD., JP
[85] 2019-02-05
[86] 2017-08-01 (PCT/JP2017/027883)
[87] (WO2018/025852)
[30] JP (2016-154173) 2016-08-05

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[13] A1
[51] **Int.Cl. A01K 63/04 (2006.01) G06Q 50/02 (2012.01) A01K 61/60 (2017.01)**
[25] EN
[54] **INTELLIGENT OXYGEN CONTROL IN SEA CAGES**
[54] **REGULATION INTELLIGENTE D'OXYGENE DANS DES CAGES SOUS-MARINES**
[72] GLOMSET, KENNETH, NO
[72] DULLSTEIN, STEFAN, DE
[72] LOEVOLD HELLEBUST, THOMAS, NO
[72] AAKERNES, JOHN BERTIL, NO
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2019-02-05
[86] 2017-08-24 (PCT/EP2017/025241)
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[51] **Int.Cl. H01Q 1/08 (2006.01) H01Q 15/20 (2006.01) H01Q 19/10 (2006.01)**
[25] EN
[54] **DEPLOYABLE REFLECTOR ANTENNA**
[54] **ANTENNE A REFLECTEUR DEPLOYABLE**
[72] WALKER, CHRISTOPHER K., US
[72] SMITH, IRA STEVE, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] SOUTHWEST RESEARCH INSTITUTE, US
[85] 2019-02-05
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[25] EN
[54] **BACTERIAL, FUNGAL, AND YEAST GROWTH INHIBITOR CONTAINING ALLULOSE**
[54] **INHIBITEUR DE CROISSANCE BACTERIENNE, FONGIQUE OU DE LEVURE CONTENANT DE L'ALLULOSE**
[72] CHOI, JONG MIN, KR
[72] KIM, SU-JEONG, KR
[72] BAK, YOUN-KYUNG, KR
[72] PARK, JUNG GYU, KR
[72] BYUN, SUNG BAE, KR
[72] SHIM, DONG SEOK, KR
[72] LEE, IN, KR
[72] PARK, SEUNG WON, KR
[72] JUNG, DONG CHUL, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[30] KR (10-2016-0128949) 2016-10-06

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[54] **MICRO PRESSURE SENSOR**
[54] **MICRO-CAPTEUR DE PRESSION**
[72] MARSH, STEPHEN ALAN, US
[71] MARSH, STEPHEN ALAN, US
[85] 2019-02-05
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[30] US (62/371,361) 2016-08-05
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[54] **OXADIAZOLOPYRIDINE DERIVATES FOR USE AS GHRELIN O-ACYL TRANSFERASE (GOAT) INHIBITORS**
[54] **DERIVES D'OXADIAZOLOPYRIDINE UTILISES COMME INHIBITEURS DE LA GHRELINE O-ACYL TRANSFERASE (CHEVRE)**
[72] GODBOUT, CEDRICKX, DE
[72] TRIESELMANN, THOMAS, DE
[72] VINTONYAK, VIKTOR, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[25] EN
[54] **SYSTEMS AND METHODS FOR A GENERATING AN INTERACTIVE 3D ENVIRONMENT USING VIRTUAL DEPTH**
[54] **SYSTEMES ET PROCEDES POUR GENERER UN ENVIRONNEMENT 3D INTERACTIF EN UTILISANT UNE PROFONDEUR VIRTUELLE**
[72] ESKANDER, TAMER, US
[72] STEELE, ISAAC, US
[71] VIACOM INTERNATIONAL INC., US
[85] 2019-02-05
[86] 2017-08-02 (PCT/US2017/045144)
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[54] **APPARATUS AND METHOD FOR MOBILE VENDING**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION AUTOMATIQUE MOBILE**
[72] HIGH, DONALD R., US
[72] MCHALE, BRIAN G., GB
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-02-05
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[30] US (62/377,089) 2016-08-19

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[25] FR
[54] **ATTACHMENT PROFILE MEMBER ALLOWING THE PASSAGE OF AIR AND CEILING ASSEMBLY COMPRISING SUCH A PROFILE MEMBER**
[54] **PROFILE D'ACCROCHE PERMETTANT LE PASSAGE D'AIR ET ENSEMBLE DE PLAFOND COMPRENANT UN TEL PROFILE**
[72] SCHERRER, JEAN-MARC, FR
[72] LANG, DAMIEN, FR
[71] SCHERRER, JEAN-MARC, FR
[71] LANG, DAMIEN, FR
[85] 2019-02-05
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[54] **LIQUID LAUNDRY FORMULATION**
[54] **FORMULATION LIQUIDE DE BLANCHISSERIE**
[72] SPANGENBERG, OLIVER, DE
[72] ESPER, CLAUDIA, DE
[71] BASF SE, DE
[85] 2019-02-05
[86] 2017-07-31 (PCT/EP2017/069299)
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[25] EN
[54] **ANTIBODY OR AN ANTIGEN-BINDING FRAGMENT THEREOF CAPABLE OF BINDING TO A HUMAN RECEPTOR OF INTERLEUKIN-6**
[54] **ANTICORPS OU SON FRAGMENT DE LIAISON D'ANTIGENES APTE A SE LIER AU RECEPTEUR D'INTERLEUKINE-6 DE L'HUMAIN**
[72] EVDOKIMOV, STANISLAV RUDOLFOVICH, RU
[72] ULITIN, ANDREI BORISOVICH, RU
[72] SOLOVYEV, VALERY VLADIMIROVICH, RU
[72] ALEKSANDROV, ALEKSEI ALEKSANDROVICH, RU
[72] CHERNYKH, YULIA SERGEEVNA, RU
[72] NEMANKIN, TIMOFEY ALEKSANDROVICH, RU
[72] VLADIMIROVA, ANNA KONSTANTINOVNA, RU
[72] SMOTROV, OLEG IGOREVICH, RU
[72] CHERNOVSKAYA, TATIANA VENIAMINOVNA, RU
[72] MOSHCHENKO, ALEKSANDR ALEKSANDROVICH, RU
[72] NALOBINA, VIKTORIIA EVGENEVNA, RU
[72] IVANOV, ROMAN ALEKSEEVICH, RU
[72] MOROZOV, DMITRY VALENTINOVICH, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
[85] 2019-02-05
[86] 2017-08-03 (PCT/RU2017/050070)
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[25] EN
[54] **POLYMERIC DEVICES AND METHODS OF MAKING**
[54] **DISPOSITIFS POLYMERES ET PROCEDES DE FABRICATION**
[72] PAN, TINGRUI, US
[72] COHEN, EDWARD AARON, US
[72] BAZOR, BEN, US
[72] YANG, GAOMAI, US
[71] MICROOPTX INC., US
[85] 2019-02-05
[86] 2017-08-03 (PCT/US2017/045259)
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[30] US (62/371,706) 2016-08-05

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[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01)**
[25] EN
[54] **DRUG COMPOSITIONS**
[54] **COMPOSITIONS DE MEDICAMENTS.**
[72] SUTHERLAND, DAVID CLAYTON, US
[72] ZORN, JAMES KYLE, US
[72] CARLO, DENNIS J., US
[71] ADAMIS PHARMACEUTICALS CORPORATION, US
[85] 2019-02-05
[86] 2017-08-11 (PCT/US2017/046599)
[87] (WO2018/031935)
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[13] A1
[51] **Int.Cl. F16L 53/00 (2018.01)**
[25] EN
[54] **WRAPPED HOSE HEATER ASSEMBLY WITH HOT POCKET CONFIGURATION**
[54] **ENSEMBLE DE CHAUFFAGE DE TUYAU FLEXIBLE ENROULE AVEC CONFIGURATION DE POCHE CHAUDE**
[72] AMOS, DAVID, US
[72] HENRY, TY, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2019-02-05
[86] 2017-08-03 (PCT/US2017/045282)
[87] (WO2018/034853)
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[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLED MEDICAL THERAPY**
[54] **SYSTEME ET PROCEDE POUR UNE THERAPIE MEDICALE COMMANDEE**
[72] LAPIDUS, KYLE, US
[72] KALYANPUR, ARJUN, US
[72] SAFIAN, NICHOLAS, US
[72] BOTHA, MARCEL, US
[71] VALIDOSE, INC., US
[85] 2019-02-05
[86] 2017-08-25 (PCT/US2017/048624)
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[30] US (62/379,523) 2016-08-25

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[51] **Int.Cl. F25J 1/00 (2006.01) C01B 3/56 (2006.01) F25J 1/02 (2006.01) F25J 3/04 (2006.01)**
[25] EN
[54] **INTEGRATION OF INDUSTRIAL GAS SITE WITH LIQUID HYDROGEN PRODUCTION**
[54] **INTEGRATION DANS UN SITE DE GAZ INDUSTRIEL D'UNE PRODUCTION D'HYDROGENE LIQUIDE**
[72] GUILLARD, ALAIN, US
[72] FRANC, PIERRE-ETIENNE, FR
[72] TURNEY, MICHAEL A., US
[72] ANDREEV, KIRILL, US
[72] ROESCH, ALEXANDER, US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2019-02-05
[86] 2017-08-04 (PCT/US2017/045549)
[87] (WO2018/027154)
[30] US (62/371,497) 2016-08-05
[30] US (15/414,155) 2017-01-24

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[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/42 (2006.01)**
[25] EN
[54] **AIR FILTER CONDITION SENSING**
[54] **DETECTION DE L'ETAT D'UN FILTRE A AIR**
[72] ARTHUR, JONATHAN B., US
[72] BLOEDORN, KARL W., US
[72] CHAKRAVARTY, JAYANT, US
[72] PORTELLI, GENE B., US
[72] GLASS, DENNIS M., US
[72] MEIS, MICHAEL A., US
[72] LUPPES, LYLE L., US
[72] HENNEN, DANIEL W., US
[72] FLETCHER, DOUGLAS D., US
[72] HEMBERG, ERIC O., CN
[72] HEMBERG, OSCAR M., SE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2017-08-04 (PCT/US2017/045492)
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[30] US (62/372,156) 2016-08-08
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[51] **Int.Cl. B65D 81/28 (2006.01) B65D 65/46 (2006.01) C09D 105/06 (2006.01) C09D 189/00 (2006.01)**
[25] EN
[54] **GELATIN OR PECTIN BASED ANTIMICROBIAL SURFACE COATING MATERIAL**
[54] **MATIERE DE REVETEMENT DE SURFACE ANTIMICROBIENNE A BASE DE GELATINE OU DE PECTINE**
[72] SAHIN, FIKRETTIN, TR
[72] IYIGUNDOGDU, ZEYNEP, TR
[72] DEMIR, OKAN, TR
[72] GULERIM, MERVE, TR
[72] ARGIN, SANEM, TR
[71] YEDITEPE UNIVERSITESI, TR
[85] 2019-02-05
[86] 2017-07-14 (PCT/TR2017/050321)
[87] (WO2018/063118)
[30] TR (2016/10999) 2016-08-05

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[25] EN
[54] **DEFINED MICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS MICROBIENNES DEFINIES**
[72] KENDIRGI, FREDERIC, US
[72] LIU, XING LIANG, US
[72] WAGNER, D. RY, US
[72] YOON, SUNG-YONG H., US
[71] AGRINOS AS, NO
[85] 2019-02-05
[86] 2017-08-30 (PCT/US2017/049326)
[87] (WO2018/045004)
[30] US (62/381,441) 2016-08-30

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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTION OF POST-OPERATIVE PERCEIVED IRIS COLOR**
[54] **PROCEDE ET APPAREIL DE PREDICTION D'UNE COULEUR D'IRIS PERCUE POST-OPERATOIRE**
[72] HOMER, GREGG, US
[71] STROMA MEDICAL CORPORATION, US
[85] 2019-02-05
[86] 2017-08-16 (PCT/GB2017/052410)
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[30] IB (PCT/IB2016/054907) 2016-08-16

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[51] **Int.Cl. B64C 39/02 (2006.01)**
[25] EN
[54] **UNMANNED VEHICLE FOR ROPE TRANSFER**
[54] **VEHICULE SANS PILOTE POUR LE TRANSFERT DE CORDE**
[72] KONOBEVSKI, KIRIL, NO
[72] CALLAWAY, MARK, NO
[72] TENOVUO, KARNO, FI
[72] MATVEEV, ALEXEY, NO
[72] NORMAN, JUSTIN, GB
[71] ROLLS-ROYCE MARINE AS, NO
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[86] 2017-08-04 (PCT/NO2017/000020)
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[30] NO (20161271) 2016-08-05

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR LIQUEFACTION OF INDUSTRIAL GAS BY INTEGRATION OF METHANOL PLANT AND AIR SEPARATION UNIT**
[54] **PROCEDE DE LIQUEFACTION DE GAZ INDUSTRIEL PAR INTEGRATION D'UNE INSTALLATION DE PRODUCTION DE METHANOL ET D'UNE UNITE DE SEPARATION D'AIR**
[72] GUILLARD, ALAIN, US
[72] TURNEY, MICHAEL A., US
[72] ROESCH, ALEXANDER, US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2019-02-05
[86] 2017-08-04 (PCT/US2017/045544)
[87] (WO2018/027152)
[30] US (62/371,497) 2016-08-05
[30] US (15/414,142) 2017-01-24

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR LIQUEFACTION OF INDUSTRIAL GAS BY INTEGRATION OF METHANOL PLANT AND AIR SEPARATION UNIT**
[54] **PROCEDE DE LIQUEFACTION DE GAZ INDUSTRIEL PAR INTEGRATION D'UNE INSTALLATION DE PRODUCTION DE METHANOL ET D'UNE UNITE DE SEPARATION D'AIR**
[72] GUILLARD, ALAIN, US
[72] TURNEY, MICHAEL A., US
[72] ROESCH, ALEXANDER, US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2019-02-05
[86] 2017-08-04 (PCT/US2017/045537)
[87] (WO2018/027150)
[30] US (62/371,497) 2016-08-05
[30] US (15/414,118) 2017-01-24

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ALPHA AND GAMMA-D POLYGLUTAMATED ANTIFOLATES AND USES THEREOF**
[54] **ANTIFOLATES ALPHA ET GAMMA-D DE POLYGLUTAMATES ET LEURS UTILISATIONS**
[72] NIYIKIZA, CLET, US
[72] MOYO, VICTOR MANDLA, US
[71] L.E.A.F. HOLDINGS GROUP LLC, US
[85] 2019-02-05
[86] 2017-08-12 (PCT/US2017/046666)
[87] (WO2018/031979)
[30] US (62/374,458) 2016-08-12
[30] US (15/675,695) 2017-08-11
[30] US (15/675,701) 2017-08-11

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[13] A1
[51] **Int.Cl. F16B 39/12 (2006.01) F16B 39/282 (2006.01) F16B 39/284 (2006.01) F16B 39/32 (2006.01) F16B 39/34 (2006.01) F16B 39/36 (2006.01)**
[25] EN
[54] **LOCKING MECHANISMS WITH DEFLECTABLE WASHER MEMBERS**
[54] **MECANISMES DE VERROUILLAGE AVEC ELEMENTS A RONDELLE DEFORMABLE**
[72] FURU-SZEKELY, ZOLTAN KALMAN, US
[72] HESS, HAROLD, US
[71] ENDURALOCK, LLC, US
[85] 2019-02-05
[86] 2016-09-07 (PCT/US2016/050534)
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[30] US (62/215,631) 2015-09-08
[30] US (62/220,867) 2015-09-18

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[13] A1
[51] **Int.Cl. A61K 31/35 (2006.01) A61K 31/335 (2006.01) A61K 31/352 (2006.01) C07D 311/02 (2006.01) C07D 311/04 (2006.01) C07D 311/22 (2006.01)**
[25] EN
[54] **MACROPHAGES/MICROGLIA IN NEURO-INFLAMMATION ASSOCIATED WITH NEURODEGENERATIVE DISEASES**
[54] **MACROPHAGES/MICROGLIES DANS LA NEURO-INFLAMMATION ASSOCIEE AUX MALADIES NEURODEGENERATIVES**
[72] ELMALEH, DAVID P., US
[72] TANZI, RUDOLPH E., US
[72] SHOUP, TIMOTHY M., US
[72] GRICLUC, ANA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2019-02-05
[86] 2017-08-31 (PCT/US2017/049702)
[87] (WO2018/045217)
[30] US (62/382,192) 2016-08-31

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[13] A1
[51] **Int.Cl. A61F 2/962 (2013.01) A61F 2/95 (2013.01) A61M 25/01 (2006.01)**
[25] EN
[54] **PLIANT MEMBERS FOR RECEIVING AND AIDING IN THE DEPLOYMENT OF VASCULAR PROSTHESES**
[54] **ELEMENTS FLEXIBLES POUR LA RECEPTION ET L'AIDE AU DEPLOIEMENT DE PROTHESES VASCULAIRES**
[72] MOWER, WAYNE, US
[72] ADAMS, MICHAEL, US
[72] ELLER, ZEKE, US
[72] HALL, JOHN, US
[72] CINDRICH, CHRISTOPHER, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2019-02-05
[86] 2017-09-28 (PCT/US2017/054000)
[87] (WO2018/064325)
[30] US (62/401,628) 2016-09-29

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[13] A1
[51] **Int.Cl. C03C 25/50 (2006.01)**
[25] EN
[54] **COATED PANEL AND METHOD FOR MANUFACTURING A COATED PANEL**
[54] **PANNEAU REVETU ET SON PROCEDE DE FABRICATION**
[72] DOHRING, DIETER, DE
[72] BIEHLER, MANFRED, DE
[71] XYLO TECHNOLOGIES AG, CH
[85] 2019-02-06
[86] 2016-08-19 (PCT/EP2016/069689)
[87] (WO2018/033215)

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 15/10 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **IN VIVO METHODS FOR SELECTING PEPTIDES THAT CROSS THE BLOOD BRAIN BARRIER, RELATED COMPOSITIONS AND METHODS OF USE**
[54] **METHODES IN VIVO POUR SELECTIONNER DES PEPTIDES QUI TRAVERSENT LA BARRIERE HEMATO-ENCEPHALIQUE, COMPOSITIONS APPARENTEES ET PROCEDES D'UTILISATION**
[72] STOCKI, PAWEL, GB
[72] WICHER, KRZYSZTOF BARTLOMIEJ, GB
[72] RUTKOWSKI, JULIA LYNN, US
[72] COMPER, FABRIZIO, GB
[72] DEMYDCHUK, MYKHAYLO, GB
[72] SZARY, JAROSLAW MICHAL, GB
[71] OSSIANIX, INC., US
[85] 2019-02-05
[86] 2017-08-04 (PCT/US2017/045592)
[87] (WO2018/031424)
[30] US (62/371,727) 2016-08-06
[30] US (62/415,631) 2016-11-01

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYGLUTAMATED ANTIFOLATES AND USES THEREOF**
[54] **ANTIFOLATES DE POLYGLUTAMATES ET LEURS UTILISATIONS.**
[72] NIYIKIZA, CLET, US
[72] MOYO, VICTOR MANDLA, US
[71] L.E.A.F. HOLDINGS GROUP LLC, US
[85] 2019-02-05
[86] 2017-08-12 (PCT/US2017/046667)
[87] (WO2018/031980)
[30] US (62/374,458) 2016-08-12
[30] US (15/675,695) 2017-08-11
[30] US (15/675,701) 2017-08-11

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[13] A1
[51] **Int.Cl. A61B 17/128 (2006.01) A61B 17/00 (2006.01) A61B 17/122 (2006.01)**
[25] EN
[54] **COMPRESSIVE COUPLER FOR RELOADABLE HEMOSTASIS CLIPPING DEVICE**
[54] **COUPLEUR A COMPRESSION POUR DISPOSITIF DE PINCE HEMOSTATIQUE RECHARGEABLE**
[72] KING, JOSEPH W., US
[72] RYAN, SHAWN, US
[72] LEHTINEN, LAURIE A., US
[72] CONGDON, DANIEL, US
[72] ESTEVEZ, RAMON, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2019-02-05
[86] 2017-12-05 (PCT/US2017/064742)
[87] (WO2018/106710)
[30] US (62/430,453) 2016-12-06

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[13] A1
[51] **Int.Cl. F28D 7/00 (2006.01) F28D 7/08 (2006.01) F28D 7/16 (2006.01) F28F 1/04 (2006.01) F28F 17/00 (2006.01)**
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[54] **SOLID-STATE HEAT EXCHANGER MODULE**
[54] **MODULE ECHANGEUR DE CHALEUR POUR SOLIDES**
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[71] DALLMANN ENGINEERING & SERVICE, DE
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[54] **COMMANDE ASSISTEE PAR ANEMOMETRIE D'UN VAPORISATEUR**
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[72] BOWEN, ADAM, US
[72] GOULD, ALEXANDER J., US
[71] JUUL LABS, INC., US
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[54] **NATURAL ANTIOXIDANTS DERIVED FROM LIGNIN**
[54] **ANTIOXYDANTS NATURELS DERIVES DE LA LIGNINE**
[72] REINER, VIRGINIA M., US
[72] BRABEZ, NABILA, US
[72] MABON, ROSS, US
[72] WITTRIG, ASHLEY M., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **METHODS AND CONFIGURATION FOR RETROFITTING NGL PLANT FOR HIGH ETHANE RECOVERY**
[54] **PROCEDES ET CONFIGURATION POUR READAPTER UNE INSTALLATION DE LGN A LA RECUPERATION D'ETHANE**
[72] MAK, JOHN, US
[72] DEVONE, SABRINA, US
[72] SHIH, JAMES, US
[72] GRAHAM, CURT, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **IMPROVEMENTS IN OR RELATING TO LOCATING FAULTS IN POWER TRANSMISSION CONDUITS**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A LA LOCALISATION DE DEFAUTS DANS DES CONDUITS DE TRANSMISSION DE PUISSANCE**
[72] HA, HENGXU, GB
[72] SRI GOPALA KRISHNA MURTHI, SANKARA, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **MOUNTING SYSTEM AND SAMPLE HOLDER FOR X-RAY DIFFRACTION APPARATUS**
[54] **SYSTEME DE MONTAGE ET PORTE-ECHANTILLON POUR APPAREIL DE DIFFRACTION DE RAYONS X**
[72] VUKOTIC, VEDRAN NICHOLAS, CA
[72] BOYER, WILLIAM, US
[72] BELASSEL, MOHAMMED, CA
[72] ISKRA, ALEC, CA
[71] PROTO MANUFACTURING LTD., CA
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[54] **IMPLANT AND METHOD FOR LONG BONE FIXATION**
[54] **IMPLANT ET METHODE DE FIXATION D'OS LONGS**
[72] HUSTEDT, JOSHUA, US
[72] ARNOLD, BENJAMIN, US
[72] BOWMAN, BRIAN, US
[72] PENA, KRISTEN, US
[71] MEDULOC, LLC, US
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[54] **ACTIVITY-BASED PROBE COMPOUNDS, COMPOSITIONS, AND METHODS OF USE**
[54] **COMPOSES SONDES PAR ACTIVITE, COMPOSITIONS ET METHODES D'UTILISATION**
[72] BOGYO, MATTHEW S., US
[72] VERDOES, MARTIJN, NL
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **HISTONES AND/OR PROADM AS MARKERS INDICATING AN ADVERSE EVENT**
[54] **UTILISATION D'HISTONES ET/OU DE LA PROADM COMME MARQUEURS INDICATEURS D'UN EVENEMENT INDESIRABLE**
[72] ZIERA, TIM, DE
[72] SCHONICHEN, ANDRE, US
[72] INCAMPS, ANNE, FR
[72] KROP, MANNE, DE
[72] CURDT, INGO, DE
[72] CHARLES, PIERRE-EMMANUEL, FR
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[54] **SYSTEMS AND METHODS FOR ENHANCED ORGANIZATIONAL TRANSPARENCY USING A CREDIT CHAIN**
[54] **SYSTEMES ET PROCEDES DE TRANSPARENCE ORGANISATIONNELLE RENFORCEE AU MOYEN D'UNE CHAINE DE CREDIT**
[72] VIEIRA, JOE, US
[72] LEE, KAM SAT, US
[72] PINGALI, MURALI, US
[72] CORNELL, MICHAEL, US
[72] SHETTY, SURESH, US
[72] FALAH, SAMER, US
[72] SAMBHAR, ANKUR, US
[71] JPMORGAN CHASE BANK, N.A., US
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[72] DEC, ANDRZEJ, US
[71] GATES CORPORATION, US
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[54] **METHOD FOR STORING ENERGY AND FOR DISPENSING ENERGY INTO AN ENERGY SUPPLY GRID, PRESSURIZED GAS STORAGE POWER PLANT AND COMPUTER PROGRAM**
[54] **PROCEDE DE STOCKAGE D'ENERGIE ET DE RESTITUTION D'ENERGIE DANS UN RESEAU D'ALIMENTATION EN ENERGIE, CENTRALE ELECTRIQUE A STOCKAGE DE GAZ SOUS PRESSION ET PROGRAMME INFORMATIQUE**
[72] LITTMANN, WOLFGANG, DE
[71] ERNEO ENERGIESPEICHERSYSTEME GMBH, DE
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[54] **SYSTEME D'AJUSTEMENT POUR THERAPIE DE LA MARCHE NATURELLE A ASSISTANCE SIMULEE**
[72] THOLKES, ALAN, US
[72] DANDURAND, DUWAYNE, US
[71] ALT INNOVATIONS LLC, US
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[54] **SYSTEMES ET PROCEDES POUR UN ECRAN D'AFFICHAGE SUPPLEMENTAIRE**
[72] MORGAN, BRENT FOSTER, US
[71] MORGAN, BRENT FOSTER, US
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[54] **FASTENER WITH LUBRICATING RING FOR INTERFERENCE FITTING, AND ASSEMBLY METHOD USING SUCH A FASTENER**
[54] **DISPOSITIF DE FIXATION A ANNEAU LUBRIFIANT POUR AJUSTEMENT SERRE, ET PROCEDE D'ASSEMBLAGE UTILISANT UN TEL DISPOSITIF DE FIXATION**
[72] BERTHOU, ALEXANDRE, FR
[72] VERDIER, FLORENT, FR
[72] PHAM, CHARLES, FR
[71] LISI AEROSPACE, FR
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[54] **APPAREIL, SYSTEME ET PROCEDE DE MAINTENANCE DE PROPRIETE ROBOTIQUE INTERACTIVE ET AUTONOME INTELLIGENTE**
[72] BURDOUCCI, ROMELLO, US
[71] BURDOUCCI, ROMELLO, US
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[54] **HISTONES ET/OU PROADM EN TANT QUE MARQUEURS INDIQUANT UN DYSFONCTIONNEMENT D'ORGANE**
[72] ZIERA, TIM, DE
[72] DREYER, FRAUKE, DE
[72] INCAMPS, ANNE, FR
[72] KROP, MANNE, DE
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[54] **SYSTEME DE PLAQUE A ESSAIS DE PUITS**
[72] INZE, DIRK GUSTAAF, BE
[72] DHONDT, STIJN, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
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[54] **VEHICULE TOUT TERRAIN A CHENILLES**
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[71] POLARIS INDUSTRIES INC., US
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[54] **RAPPORT ET SIGNALISATION DE CONFIGURATION DE SIGNAL DE REFERENCE DE COMPENSATION DE BRUIT DE PHASE**
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[72] LUO, TAO, US
[72] JIANG, JING, US
[72] SUBRAMANIAN, SUNDAR, US
[72] AKKARAKARAN, SONY, US
[72] MAHARSHI, ATUL, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
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[54] **PROCEDE POUR FORMER UNE PATISSERIE A BASE DE PATE FEUILLETEE**
[72] GEHIN-DELVAL, CECILE, FR
[72] CHISHOLM, HELEN, CH
[72] CHUNG, WOOKYUNG, US
[72] DEYBER, HELENE, FR
[72] DESTRIBATS, MATHIEU JULIEN, CH
[72] GUNES, ZEYNEL DENIZ, CH
[72] PELLOUX, CINDY, FR
[71] NESTEC S.A., CH
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[54] **SYSTEMS AND METHODS FOR CONTEXTUAL RETRIEVAL OF ELECTRONIC RECORDS**
[54] **SYSTEMES ET PROCEDES DE RECUPERATION CONTEXTUELLE DE REGISTRES ELECTRONIQUES**
[72] MOSKWINSKI, MICHAEL, US
[72] FIELDING, ALEX, US
[72] HALL, KEVIN CHRISTOPHER, US
[72] LEMBO, KIMBERLY, US
[71] RIPCORD, INC., US
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[54] **WORD FLOW ANNOTATION**
[54] **ANNOTATION DE FLUX DE MOTS**
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[72] DEVINE, JENNIFER M.R., US
[72] SEUCK, JOSEPH WAYNE, US
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
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[54] **SYSTEME DE RAYONNAGE ET SUPPORT**
[72] COOPER, DAVID JAMES, AU
[72] WEE, JOO HO DUANE, AU
[71] COOPER, DAVID JAMES, AU
[71] WEE, JOO HO DUANE, AU
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[54] **SYSTEME DE SECURITE DE RESEAU REPARTI ASSURANT L'ISOLATION DE DONNEES DE CONSOMMATEURS**
[72] MARTINI, PAUL MICHAEL, US
[71] IBOSS, INC., US
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[72] ROSENQVIST, FREDRIK, SE
[71] E.ON SVERIGE AB, SE
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[54] **ENSEMBLE ATTELAGE DE REMORQUAGE**
[72] BLACKWELL, SHANE, AU
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[54] **NOUVEAUX PEPTIDES ET ECHAFAUDAGES DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE LE CARCINOME A CELLULES SQUAMEUSES DE LA TETE ET DU COU ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] WIEBE, ANITA, DE
[72] SONG, COLETTE, DE
[72] SCHOOR, OLIVER, DE
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[54] **POLYETHYLENE MULTIMODAL HAUTE PERFORMANCE A POIDS MOLECULAIRE ULTRA ELEVE**
[72] JARUMANEEROJ, CHATCHAI, TH
[72] TRAISILANUN, SARANYA, TH
[72] CHEEVASRIRUNGRUANG, WATCHAREE, TH
[72] TIYAPIBOONCHAIYA, PIYAWAN, TH
[71] THAI POLYETHYLENE CO., LTD., TH
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[25] EN
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[54] **LIGNE TECHNOLOGIQUE PERMETTANT D'ELEVER OU DE FAIRE REPRODUIRE DES INSECTES, SYSTEME MODULAIRE DE LIGNES TECHNOLOGIQUES, PROCEDE ET UTILISATION ASSOCIES**
[72] URBANSKI, JAKUB, PL
[72] JOZEFIAK, DAMIAN, PL
[72] MAZURKIEWICZ, JAN, PL
[71] HIPROMINE S.A., PL
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[54] **CONTACT TACTILE INTELLIGENT**
[72] MAIER, FERDINAND, AT
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[54] **RECIPIENT DE TRANSPORT**
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[71] REP IP AG, CH
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[54] **METALLURGICAL VESSEL LINING WITH ENCLOSED METAL LAYER**
[54] **REVETEMENT DE RECIPIENT METALLURGIQUE DOTE D'UNE COUCHE METALLIQUE ENFERMEE**
[72] JANSSEN, DOMINIQUE (DECEASED), US
[72] SIMOES, JOSE, PT
[72] MADDALENA, ROGER, US
[72] MOHANTY, BEDA, US
[71] VESUVIUS USA CORPORATION, US
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[54] **UTILISATION ELECTROCHIMIQUE DU DIOXYDE DE CARBONE**
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[72] HOE, HUI HUANG, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **PROCEDE PERMETTANT DE COMMANDER DES AERONEFS SANS PILOTE**
[72] BIRCHBAUER, JOSEF ALOIS, AT
[72] HATZL, JURGEN, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DISPOSITIF DE PREHENSION, SYSTEME ET PROCEDE DE PREHENSION, D'ORIENTATION ET DE MANIPULATION D'UN OBJET BIOLOGIQUE HORTICOLE**
[72] MOHR, CHRISTOPHER ALLAN DOUGLAS, CA
[72] AVIGAD, GIDEON, CA
[72] NAIDU, JYOTI PRAKASH, CA
[72] MISHRA, RANJAN KUMAR, US
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[54] **PROCEDES ET COMPOSITIONS SERVANT AU TRANSFERT DE GENES CIBLES**
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[72] SAMULSKI, RICHARD JUDE, US
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[54] **USINAGE ET SOUDAGE AUTOMATISES DE PIECES DE WAGON DE CHEMIN DE FER**
[72] BERG, THOMAS R., US
[72] CLARK, CHRISTOPHER J., US
[72] HEYDEN, THOMAS J., US
[72] MCGARVEY, KEVIN P., US
[72] FORTIER, MICHAEL, US
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[54] **SYSTEMS AND METHODS FOR DETERMINING STOCKING LOCATIONS OF PRODUCTS HAVING MORE THAN ONE STOCKING LOCATION ON A SALES FLOOR**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES EMPLACEMENTS DE STOCKAGE DE PRODUITS AYANT PLUS D'UN EMPLACEMENT DE STOCKAGE SUR UNE SURFACE DE VENTE**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] JONES, MATTHEW A., US
[72] VASGAARD, AARON J., US
[71] WALMART APOLLO, LLC, US
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[54] **TECHNIQUES FOR DERIVING SECURITY KEYS FOR A CELLULAR NETWORK BASED ON PERFORMANCE OF AN EXTENSIBLE AUTHENTICATION PROTOCOL (EAP) PROCEDURE**
[54] **TECHNIQUES DE PRODUCTION DE CLES DE SECURITE POUR UN RESEAU CELLULAIRE SUR LA BASE DE LA REALISATION D'UNE PROCEDURE DE PROTOCOLE D'AUTHENTIFICATION EXTENSIBLE (EAP)**
[72] LEE, SOO BUM, US
[72] PALANIGOUNDER, ANAND, US
[72] ESCOTT, ADRIAN EDWARD, US
[71] QUALCOMM INCORPORATED, US
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[54] **TOPICAL COMPOSITION FOR REJUVENATING AND/OR REPAIRING SKIN, METHODS, USES AND KITS THEREOF**
[54] **COMPOSITION TOPIQUE POUR RAJEUNIR ET/OU REPARER LA PEAU, PROCEDES, UTILISATIONS ET KITS ASSOCIES**
[72] FORGET, NATHALIE, CA
[71] DAVINCIA INC., CA
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[54] **METHODS AND APPARATUSES FOR REDUCING THE SOUND PROFILE OF BIOPSY DEVICES**
[54] **PROCEDES ET APPAREILS POUR REDUIRE LE PROFIL SONORE DES DISPOSITIFS DE BIOPSIE**
[72] KRUEGER, JOHN, US
[72] PLISHKA, MICHAEL, US
[72] RETZLAFF, NATHAN, US
[71] MERIT MEDICAL SYSTEMS, INC., US
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[54] **SYSTEME DE SURVEILLANCE DE BOUTEILLE DE GAZ**
[72] JACOBSEN, BRIAN, GB
[72] PEREZ DE ALEJO, RIGOBERTO, GB
[72] THIND, MANDIP, GB
[71] LINDE AG, DE
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[54] **COLMATANTS FIBREUX A BASE DE TRONCS DE DATTIERS**
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[72] RAMASAMY, JOTHIBASU, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PARASOL DU TYPE A TETE REPLIABLE ET PROCEDE DE PLIAGE DE LA TETE D'UN TEL PARASOL**
[72] AUBRY, XAVIER, FR
[72] JOURDAIN, CYRILLE, FR
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[71] JOURDAIN, CYRILLE, FR
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[54] **DEVICES COMPRISING CARBON-BASED MATERIAL AND FABRICATION THEREOF**
[54] **DISPOSITIFS COMPRENANT UN MATERIAU A BASE DE CARBONE ET FABRICATION ASSOCIEE**
[72] EL-KADY, MAHER F., US
[72] KANER, RICHARD B., US
[72] KOWAL, MATTHEW, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHODS AND APPARATUS TO POWER A CRANE ON A WORK TRUCK USING AN ENGINE-POWERED SERVICE PACK**
[54] **PROCEDES ET APPAREIL POUR ALIMENTER UNE GRUE SUR UN CHARIOT DE TRAVAIL A L'AIDE D'UN BLOC DE SERVICES ALIMENTE PAR MOTEUR**
[72] TRINKNER, MICHAEL, US
[72] IHDE, JEFFREY R., US
[72] SCHNEIDER, JOSEPH C., US
[72] JOCHMAN, NATHAN J., US
[72] LENZNER, JEFF, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **AGONISTES DES RECEPTEURS 5-HT2C, COMPOSITIONS ET METHODES D'UTILISATION**
[72] SEMPLE, GRAEME, US
[72] REN, ALBERT S., US
[72] SCHRADER, THOMAS O., US
[72] KASEM, MICHELLE, US
[72] ZHU, XIUWEN, US
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[54] **COMPOSITION FOR PREVENTING AND TREATING MYCOPLASMA HYORHINIS INFECTION, AND METHOD FOR PRODUCING SAID COMPOSITION**
[54] **COMPOSITION POUR LA PREVENTION ET LE TRAITEMENT D'UNE INFECTION PAR LE MYCOPLASMA HYORHINIS, ET PROCEDE DE PRODUCTION DE LADITE COMPOSITION**
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[72] CHEN, ZENG-WENG, CN
[72] WANG, JYH-PERNG, CN
[72] HSU, CHIUNG-WEN, CN
[72] HUANG, WENG-ZENG, CN
[72] HSIEH, MING-WEI, CN
[72] PENG, TZU-TING, CN
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[72] CHEN, YANG, CN
[72] MOSCIBRODA, THOMAS, CN
[72] CHANG, ERIC, CN
[72] REN, JINGLEI, CN
[72] CHEN, LIANG, CN
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[54] **DATA CHANNEL SENDING AND RECEIVING METHODS, NETWORK DEVICE, AND TERMINAL**
[54] **PROCEDE D'ENVOI ET DE RECEPTION DE CANAL DE DONNEES, DISPOSITIF DE RESEAU ET TERMINAL**
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[72] SUN, WEI, CN
[72] GUO, ZHIHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE CHANGEMENT D'INFORMATIONS DESTINES A UN SERVICE DE MULTIDIFFUSION A CELLULE UNIQUE**
[72] ZHANG, CHONGMING, CN
[72] LIU, RENMAO, CN
[72] YAMADA, SHOHEI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **METHOD OF DRYING ELECTRODE ASSEMBLIES**
[54] **PROCEDE DE SECHAGE D'ENSEMBLES ELECTRODES**
[72] HO, KAM PIU, CN
[72] WANG, RANSHI, CN
[72] SHEN, PEIHUA, CN
[71] GRST INTERNATIONAL LIMITED, CN
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[54] **PROCEDE DE GENERATION D'UN ENREGISTREMENT SECURISE D'UNE CONVERSATION**
[72] RUPAREL, KIT, GB
[71] RECORD SURE LIMITED, GB
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[54] **SYSTEM AND PROCESS FOR PRODUCING DRY MIX CONSTRUCTION MATERIALS WITH IMPROVED ENGINEERING PROPERTIES**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE MATERIAUX DE CONSTRUCTION EN MELANGE SEC POURVU DE PROPRIETES D'INGENIERIE AMELIOREES**
[72] BAWRI, BINOD KUMAR, IN
[71] SAROJ VANIJYA PRIVATE LIMITED, IN
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[54] **PROCEDE DE PRODUCTION D'UNE ALUMINE DISPERSIBLE A UN PH SUPERIEUR A 8**
[72] HANN, ALLISON L., US
[72] PEOPLES, BRIAN C., US
[71] SASOL (USA) CORPORATION, US
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[54] **COMPOSITIONS ET PROCEDES ASSOCIES A LA FABRICATION D'ACRYLONITRILE**
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[72] SAMAD, JADID, US
[71] SOUTHERN RESEARCH INSTITUTE, US
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[54] **CLE DE COMMANDE D'UN VERROU A FICHE CYLINDRIQUE ET VERROU DE VALIDATION DE CETTE CLE**
[72] HOLDA, JIRI, CZ
[71] URBANALPS AG, CH
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[54] **COMPOSITIONS POLYMERES CONTENANT DES RESEAUX POLYMERES GREFFES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
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[72] SCALES, CHARLES, US
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[72] MARTIN, PATRICIA, US
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[72] DUIS, DONNIE, US
[72] ARNOLD, STEPHEN C., US
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[25] EN
[54] **SPIROCYCLIC CONTAINING COMPOUNDS AND PHARMACEUTICAL USES THEREOF**
[54] **COMPOSES CONTENANT DES SPIROCYCLIQUES ET LEURS UTILISATIONS PHARMACEUTIQUES**
[72] LAURENT, ALAIN, CA
[72] MORRIS, STEPHEN J., CA
[71] GB005, INC., US
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[86] 2017-08-16 (PCT/CA2017/050970)
[87] (WO2018/032104)
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[51] **Int.Cl. A61M 1/00 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **COLLECTION SYSTEM FOR SURGICAL USE**
[54] **SYSTEME DE COLLECTE A USAGE CHIRURGICAL**
[72] WILLARD, GRETCHEN, US
[72] NICHOLS, ELI BREEDEN, US
[72] BLACKBURN, THOMAS RALPH, III, US
[72] MOSLER, THEODORE J., US
[71] TOBRA MEDICAL, INC., US
[85] 2019-02-06
[86] 2016-08-12 (PCT/US2016/046913)
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **ANALOG CONTROL COMPONENT FOR AN AEROSOL DELIVERY DEVICE**
[54] **COMPOSANT DE COMMANDE ANALOGIQUE DESTINE A UN DISPOSITIF D'ADMINISTRATION PAR AEROSOL**
[72] SUR, RAJESH, US
[72] ROGERS, JAMES W., US
[72] SEARS, STEPHEN B., US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2019-02-06
[86] 2017-09-07 (PCT/IB2017/055399)
[87] (WO2018/047095)
[30] US (15/261,336) 2016-09-09

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/32 (2012.01) G06Q 50/10 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ACCESSING THIRD-PARTY SERVICES WITHIN APPLICATIONS**
[54] **PROCEDES ET SYSTEMES POUR ACCEDER A DES SERVICES TIERS DANS DES APPLICATIONS**
[72] CHENG, DEREK CHIRK YIN, US
[72] ANAND, KARANDEEP, US
[72] O'NEIL, EDWARD KENNETH, US
[72] PAN, CHRISTOPHER CHUN-NING, US
[72] LI, MING FEI, US
[72] WIESE, SEAN, US
[72] AHUJA, PRAKASH, US
[71] FACEBOOK, INC., US
[85] 2019-02-06
[86] 2016-08-16 (PCT/US2016/047209)
[87] (WO2018/031049)
[30] US (15/236,342) 2016-08-12

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[51] **Int.Cl. C09D 167/02 (2006.01)**
[25] EN
[54] **AQUEOUS BASECOATS WITH ENHANCED CIRCULATION LINE STABILITY**
[54] **PEINTURES DE BASE AQUEUSES PRESENTANT UNE STABILITE AMELIOREE DANS LES CONDUITES CIRCULAIRES**
[72] STEINMETZ, BERNHARD, DE
[72] LOEW, NORBERT, DE
[71] BASF COATINGS GMBH, DE
[85] 2019-02-06
[86] 2017-09-13 (PCT/EP2017/072950)
[87] (WO2018/054726)
[30] EP (16190067.5) 2016-09-22

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[13] A1
[51] **Int.Cl. E21B 47/022 (2012.01) E21B 41/00 (2006.01) E21B 47/024 (2006.01)**
[25] EN
[54] **DIRECTIONAL BUTTON EXCITATION FOR RANGING APPLICATIONS**
[54] **EXCITATION DE BOUTON DIRECTIONNELLE POUR APPLICATIONS DE TELEMETRIE**
[72] DONDERICI, BURKAY, US
[72] GUNER, BARIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-02-06
[86] 2016-09-19 (PCT/US2016/052506)
[87] (WO2018/052453)

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[13] A1
[51] **Int.Cl. A61M 39/04 (2006.01) A61M 39/10 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **Y-CONNECTOR FOR MEDICAL LINES**
[54] **RACCORD EN Y POUR TUYAUX MEDICAUX**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[85] 2019-02-06
[86] 2017-12-14 (PCT/IB2017/057944)
[87] (WO2018/109709)
[30] IT (102016000127162) 2016-12-15

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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/14 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **SWITCHABLE CROSSOVER TOOL WITH ROTATABLE CHAMBER**
[54] **OUTIL DE CROISEMENT COMMUTABLE A CHAMBRE ROTATIVE**
[72] GAO, BO, US
[72] HELMS, LONNIE CARL, US
[72] GADRE, ANIRUDDHA, US
[72] HU, YUZHU, US
[72] MAKOWIECKI, GARY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-02-06
[86] 2016-09-23 (PCT/US2016/053519)
[87] (WO2018/057009)

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[51] **Int.Cl. B60W 30/14 (2006.01) B60W 30/182 (2012.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE OF AUTOMATIC DRIVING VEHICLE**
[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE POUR VEHICULES A CONDUITE AUTOMATIQUE**
[72] JANG, HWASEON, JP
[72] SUNDA, TAKASHI, JP
[72] HIRAMATSU, MACHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-02-06
[86] 2016-08-08 (PCT/JP2016/073327)
[87] (WO2018/029758)

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[13] A1
[51] **Int.Cl. B60G 17/052 (2006.01) B60G 17/056 (2006.01)**
[25] EN
[54] **HEAVY-DUTY VEHICLE AIR-RIDE SUSPENSION**
[54] **SUSPENSION PNEUMATIQUE DE VEHICULE UTILITAIRE LOURD**
[72] FULTON, R. SCOTT, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2019-02-06
[86] 2017-07-28 (PCT/US2017/044329)
[87] (WO2018/031256)
[30] US (62/372,462) 2016-08-09

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[13] A1
[51] **Int.Cl. B01D 11/02 (2006.01) B01D 1/00 (2006.01)**
[25] EN
[54] **MOBILE SUPERCRITICAL EXTRACTOR SYSTEM WITH EVAPORATOR CHAMBER HAVING CONES AND RELATED METHODS**
[54] **SYSTEME EXTRACTEUR SUPERCRITIQUE MOBILE A CHAMBRE D'EVAPORATION MUNIE DE CONES ET PROCEDES ASSOCIES**
[72] PARKER, DAVID L., US
[72] DELARVIN, SCOTT, US
[71] AG EQUIPMENT IP HOLDING COMPANY, INC., US
[85] 2019-02-06
[86] 2017-04-18 (PCT/US2017/028082)
[87] (WO2018/089042)
[30] US (62/421,552) 2016-11-14

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[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01) C01C 1/08 (2006.01) C12P 3/00 (2006.01) C12P 13/00 (2006.01)**
[25] EN
[54] **AMMONIA SYNTHESIS METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE SYNTHESE D'AMMONIAC**
[72] COLON, BRENDEN CRUZ, US
[72] LIU, CHONG, US
[72] NOCERA, DANIEL G., US
[72] SILVER, PAMELA ANN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2019-02-06
[86] 2017-06-14 (PCT/US2017/037447)
[87] (WO2018/009315)
[30] US (62/358,710) 2016-07-06

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[51] **Int.Cl. C08F 290/04 (2006.01) H01M 8/0271 (2016.01) B29C 65/48 (2006.01) C09K 3/10 (2006.01) F16J 15/14 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **CURABLE RESIN COMPOSITION, FUEL CELL USING SAME, AND SEALING METHOD USING SAME**
[54] **COMPOSITION DE RESINE DURCISSABLE, PILE A COMBUSTIBLE L'UTILISANT ET PROCEDE D'ETANCHEITE L'UTILISANT**
[72] SOGA, TETSUNORI, JP
[71] THREEBOND CO., LTD., JP
[85] 2019-02-06
[86] 2017-07-21 (PCT/JP2017/026445)
[87] (WO2018/047479)
[30] JP (2016-174050) 2016-09-06

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[13] A1
[51] **Int.Cl. A63F 13/60 (2014.01) H04N 21/00 (2011.01) H04N 21/4725 (2011.01)**
[25] EN
[54] **DIGITAL MULTIMEDIA PLATFORM**
[54] **PLATE-FORME MULTIMEDIA NUMERIQUE**
[72] TOKGOZ, MEHMET, TR
[71] ABRAKADABRA REKLAM VE YAYINCILIK LIMITED SIRKETI, US
[85] 2019-02-06
[86] 2017-06-30 (PCT/US2017/040494)
[87] (WO2018/006071)
[30] US (62/356,825) 2016-06-30

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[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 72/04 (2009.01) H04W 72/10 (2009.01)**
[25] EN
[54] **USER EQUIPMENT AND COMMUNICATION METHOD**
[54] **DISPOSITIF D'UTILISATEUR, ET PROCEDE DE COMMUNICATION**
[72] YASUKAWA, SHINPEI, JP
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2019-02-06
[86] 2017-08-08 (PCT/JP2017/028743)
[87] (WO2018/030396)
[30] JP (2016-158266) 2016-08-10

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[13] A1
[51] **Int.Cl. B01J 37/18 (2006.01) B01J 23/58 (2006.01) B01J 35/10 (2006.01) C01C 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AMMONIA SYNTHESIS CATALYST, AND METHOD FOR MANUFACTURING AMMONIA**
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR DE SYNTHESE D'AMMONIAC, ET PROCEDE DE FABRICATION D'AMMONIAC**
[72] HOSONO, HIDEO, JP
[72] KITANO, MASAAKI, JP
[72] YOKOYAMA, TOSHIHARU, JP
[72] LI, JIANG, JP
[72] KAWAMURA, SHIGEKI, JP
[72] KISHIDA, KAZUHISA, JP
[71] TOKYO INSTITUTE OF TECHNOLOGY, JP
[71] TSUBAME BHB CO., LTD., JP
[85] 2019-02-06
[86] 2017-08-08 (PCT/JP2017/028739)
[87] (WO2018/030394)
[30] JP (2016-155951) 2016-08-08

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[13] A1
[51] **Int.Cl. C07H 15/04 (2006.01) C07K 1/14 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **NOVEL BUTANE-TETRAOL-BASED AMPHIPHILIC COMPOUNDS AND USES THEREOF**
[54] **NOUVEAU COMPOSE AMPHIPATHIQUE A BASE DE BUTANE-TETRAOL ET SON UTILISATION**
[72] CHAE, PIL SEOK, KR
[72] DAS, MANABENDRA, KR
[71] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY ERICA CAMPUS, KR
[85] 2019-02-06
[86] 2017-02-10 (PCT/KR2017/001478)
[87] (WO2018/030602)
[30] KR (10-2016-0101972) 2016-08-10

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[13] A1
[51] **Int.Cl. C08L 101/00 (2006.01) C08L 23/10 (2006.01) C08L 51/04 (2006.01)**
[25] EN
[54] **THERMOPLASTIC RESIN COMPOSITION HAVING REDUCED IMPACT NOISE AND MOLDED BODY HAVING REDUCED IMPACT NOISE**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE PRESENTANT UN BRUIT D'IMPACT REDUIT ET CORPS MOULE A BRUIT D'IMPACT REDUIT**
[72] NOMURA, HIROYUKI, JP
[71] TECHNO-UMG CO., LTD., JP
[85] 2019-02-06
[86] 2017-08-08 (PCT/JP2017/028747)
[87] (WO2018/030398)
[30] JP (2016-156694) 2016-08-09

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[13] A1
[51] **Int.Cl. H02G 7/05 (2006.01) F16L 3/10 (2006.01) F16L 3/22 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **TANDEM TRUNNION CLAMP**
[54] **DISPOSITIF DE SERRAGE DE TOURILLON EN TANDEM**
[72] KRANZ, STEVEN, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2019-02-06
[86] 2017-07-19 (PCT/US2017/042751)
[87] (WO2018/031208)
[30] US (15/235,747) 2016-08-12

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[13] A1
[51] **Int.Cl. H04N 21/6332 (2011.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING OF EMERGENCY ALERT MESSAGES**
[54] **SYSTEMES ET PROCEDES POUR LA SIGNALISATION DE MESSAGES D'ALERTE D'URGENCE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2019-02-06
[86] 2017-07-24 (PCT/JP2017/026701)
[87] (WO2018/030133)
[30] US (62/374,698) 2016-08-12
[30] US (62/400,593) 2016-09-27

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR ALLOCATING RESOURCES IN LOW LATENCY WIRELESS COMMUNICATIONS**
[54] **TECHNIQUES D'ATTRIBUTION DE RESSOURCES DANS DES COMMUNICATIONS SANS FIL A FAIBLE LATENCE**
[72] HOSSEINI, SEYEDKIANOUSH, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] SUN, JING, US
[72] PATEL, SHIMMAN ARVIND, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-02-06
[86] 2017-07-25 (PCT/US2017/043771)
[87] (WO2018/052535)
[30] US (62/396,070) 2016-09-16
[30] US (15/612,698) 2017-06-02

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[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01) B64D 27/24 (2006.01) F01D 9/06 (2006.01) F01D 15/10 (2006.01) F01D 25/16 (2006.01) F02K 5/00 (2006.01) F04D 25/06 (2006.01)**
[25] EN
[54] **EMBEDDED ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE INTEGREE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] VONDRELL, RANDY M., US
[72] GEMIN, PAUL ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-08-10 (PCT/US2017/046190)
[87] (WO2018/067231)
[30] US (15/242,811) 2016-08-22

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[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO INTEGRATE CONDENSED WATER WITH IMPROVED COOLER PERFORMANCE**
[54] **SYSTEME ET PROCEDE D'INTEGRATION D'EAU CONDENSEE A PERFORMANCE DE REFROIDISSEMENT AMELIOREE**
[72] MATHEIDAS, MICHAEL T., US
[72] SIBAL, PAUL W., US
[72] HUNTINGTON, RICHARD A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2019-02-06
[86] 2017-07-27 (PCT/US2017/044103)
[87] (WO2018/034816)
[30] US (62/375,705) 2016-08-16

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[13] A1
[51] **Int.Cl. A61K 31/5383 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING SUBSTITUTED POLYCYCLIC PYRIDONE DERIVATIVES AND PRODRUG THEREOF**
[54] **DERIVE DE PYRIDONE POLYCYCLIQUE SUBSTITUE ET COMPOSITION PHARMACEUTIQUE CONTENANT UN PROMEDICAMENT DE CELUI-CI**
[72] KAWAI, MAKOTO, JP
[72] TOMITA, KENJI, JP
[72] AKIYAMA, TOSHIYUKI, JP
[72] OKANO, AZUSA, JP
[72] MIYAGAWA, MASAYOSHI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2019-02-06
[86] 2017-08-09 (PCT/JP2017/028923)
[87] (WO2018/030463)
[30] JP (2016-157732) 2016-08-10

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[13] A1
[51] **Int.Cl. D21H 11/14 (2006.01) D21H 17/37 (2006.01) D21H 17/44 (2006.01) D21H 17/45 (2006.01) D21H 17/68 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING PAPER, PAPERBOARD OR THE LIKE**
[54] **PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU SIMILAIRE**
[72] LEWIS, CHRISTOPHER MICHAEL, US
[72] GARRISI, WILLIAM JAMES, US
[71] KEMIRA OYJ, FI
[85] 2019-02-06
[86] 2016-09-30 (PCT/US2016/054625)
[87] (WO2018/063271)

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[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **PROVISIONING LOCATION INFORMATION SOURCED INDEPENDENTLY FROM COMMUNICATIONS NETWORK**
[54] **FOURNITURE D'INFORMATIONS DE LOCALISATION PROVENANT DE SOURCES INDEPENDANTES DU RESEAU DE COMMUNICATION**
[72] NELSON, JUSTIN, US
[72] REMACLE, MICHAEL, US
[71] ONVOY SPECTRUM, LLC, US
[85] 2019-02-06
[86] 2017-08-09 (PCT/US2017/046172)
[87] (WO2018/031700)
[30] US (62/372,673) 2016-08-09

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[13] A1
[51] **Int.Cl. A61K 31/16 (2006.01) C07C 237/48 (2006.01) C07D 333/22 (2006.01)**
[25] EN
[54] **BETA-AMINO-ISOQUINOLINYL AMIDE COMPOUNDS**
[54] **COMPOSES AMIDES BETA-AMINO-ISOQUINOLEINE**
[72] STURDIVANT, JILL M., US
[72] DELONG, MITCHELL A., US
[72] ROYALTY, SUSAN M., US
[71] AERIE PHARMACEUTICALS, INC., US
[85] 2019-02-06
[86] 2017-03-31 (PCT/US2017/025609)
[87] (WO2018/034702)
[30] US (62/377,219) 2016-08-19

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[13] A1
[51] **Int.Cl. F02K 5/00 (2006.01) F02C 6/20 (2006.01)**
[25] EN
[54] **PROPULSION ENGINE FOR AIRCRAFT**
[54] **MOTEUR DE PROPULSION POUR AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[72] PASTOUCHENKO, NIKOLAI N., US
[72] CHEUNG, LAWRENCE CHIH-HUI, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-08-10 (PCT/US2017/046193)
[87] (WO2018/089067)
[30] US (15/241,157) 2016-08-19

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **STRUT FOR AN AIRCRAFT ENGINE**
[54] **ENTRETOISE POUR UN MOTEUR D'AVION**
[72] KING, DANIEL ELMER, US
[72] CODY, WILLIAM EDWARD, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-06-15 (PCT/US2017/037791)
[87] (WO2018/034729)
[30] US (15/236,745) 2016-08-15

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[13] A1
[51] **Int.Cl. C08B 37/00 (2006.01) A23L 33/125 (2016.01) A61K 31/715 (2006.01) A61P 37/04 (2006.01) A23L 19/00 (2016.01)**
[25] EN
[54] **POLYSACCHARIDE HAVING INNATE IMMUNITY STIMULATING ACTIVITY AND INNATE IMMUNITY STIMULATING AGENT OR FOOD AND DRINK COMPRISING THEREOF**
[54] **POLYSACCHARIDE PRESENTANT UN EFFET IMMUNOSTIMULANT NATUREL ET IMMUNOSTIMULANT NATUREL OU ALIMENT OU BOISSON LE COMPRENANT**
[72] SEKIMIZU, KAZUHISA, JP
[72] URAI, MAKOTO, JP
[71] IMAGINE GLOBAL CARE CORPORATION, JP
[85] 2019-02-06
[86] 2017-08-04 (PCT/JP2017/029237)
[87] (WO2018/030542)
[30] JP (2016-156274) 2016-08-09

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/115 (2010.01)**
[25] EN
[54] **TISSUE SPECIFIC MARKERS FOR PREOPERATIVE AND INTRAOPERATIVE LOCALIZATION AND VISUALIZATION OF TISSUE**
[54] **MARQUEURS SPECIFIQUES DE TISSU POUR LOCALISATION PREOPERATOIRE ET PEROPERATOIRE ET VISUALISATION DE TISSU**
[72] DALMA-WEISZHAUSZ, DENNISE, US
[72] VAYSER, ALEX, US
[72] BREDENKAMP, JAMES, US
[71] INVUITY, INC., US
[85] 2019-02-06
[86] 2017-08-11 (PCT/US2017/046514)
[87] (WO2018/031894)
[30] US (62/374,213) 2016-08-12
[30] US (62/528,006) 2017-06-30

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[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) B64C 21/06 (2006.01) B64D 33/08 (2006.01)**
[25] EN
[54] **PROPULSION ENGINE FOR AN AIRCRAFT**
[54] **MOTEUR DE PROPULSION POUR AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[72] CHEUNG, LAWRENCE CHIH-HUI, US
[72] PASTOUCHENKO, NIKOLAI N., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-08-16 (PCT/US2017/047109)
[87] (WO2018/035206)
[30] US (15/241,168) 2016-08-19

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[13] A1
[51] **Int.Cl. F01D 25/18 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH EMBEDDED ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE INCORPOREE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. E02F 3/85 (2006.01) E02F 3/84 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK VEHICLE, CONTROL METHOD, AND WORK VEHICLE**
[54] **SYSTEME DE COMMANDE POUR ENGIN DE CHANTIER, PROCEDE DE COMMANDE ET ENGIN DE CHANTIER**
[72] ISHIBASHI, EIJI, JP
[72] SHIMOJO, TAKAHIRO, JP
[72] INAMARU, AKIFUMI, JP
[72] KAWANO, TOSHIHIRO, JP
[72] YONEZAWA, YASUHITO, JP
[72] KOGAWA, YOSUKE, JP
[71] KOMATSU LTD., JP
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[54] **LEAK FREE CURRENT COLLECTOR ASSEMBLAGE FOR METALLURGICAL VESSEL AND METHODS OF MANUFACTURE**
[54] **ASSEMBLAGE DE COLLECTEUR DE COURANT SANS FUITE POUR RECIPIENT METALLURGIQUE ET PROCEDES DE FABRICATION**
[72] HYERS, ROBERT WYATT, US
[71] BOSTON ELECTROMETALLURGICAL CORPORATION, US
[85] 2019-02-06
[86] 2017-08-14 (PCT/US2017/046695)
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[54] **DAMPING SYSTEM FOR A GENERATOR**
[54] **SYSTEME D'AMORTISSEMENT POUR UN GENERATEUR**
[72] WANG, KAIYU, US
[72] GEMIN, PAUL ROBERT, US
[72] WOODBURN, DAVID, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2019-02-06
[86] 2017-08-10 (PCT/US2017/046303)
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[51] **Int.Cl. H04L 12/00 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **NETWORK DEVICES**
[54] **DISPOSITIFS DE RESEAU**
[72] ZINGER, SLAV, AU
[71] COGNIAN TECHNOLOGIES LTD, AU
[85] 2019-02-07
[86] 2017-08-08 (PCT/AU2017/050833)
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[30] US (62/372,081) 2016-08-08

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[25] EN
[54] **THERMAL BARRIER COATING REPAIR COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITION DE REPARATION DE REVETEMENT FAISANT BARRIERE THERMIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] MCEVOY, KEVIN PAUL, US
[72] RUUD, JAMES, US
[72] SZALA, LAWRENCE E., US
[72] CORAH, SUSAN, US
[72] SAHA, ATANU, US
[72] KESHAVAN, HRISHIKESH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
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[25] EN
[54] **SYSTEM FOR ANALYZING AND SORTING MATERIAL**
[54] **SYSTEME D'ANALYSE ET DE TRI DE MATERIAU**
[72] COMTOIS, RICK, US
[72] SCHINDLER, JOHN, US
[72] COMTOIS, KARL, US
[72] LOCKE, DAVID, US
[72] BAUERSCHLAG, NILS, DE
[72] GILLNER, RONALD, DE
[71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[71] AUSTIN AI, INC., US
[85] 2019-02-07
[86] 2017-03-20 (PCT/EP2017/056530)
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[54] **GAS TURBINE ENGINE WITH AN EMBEDDED ELECTRIC MACHINE**
[54] **TURBINE A GAZ A MACHINE ELECTRIQUE INTEGREE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] GEMIN, PAUL ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
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[25] EN
[54] **ROBOT-ASSISTED LASER SURGICAL SYSTEM**
[54] **SYSTEME CHIRURGICAL LASER ASSISTE PAR ROBOT.**
[72] KHAN, RIAZ JAN KJELL, AU
[72] FICK, DANIEL PAUL, AU
[72] ROBERTSON, WILLIAM BRETT, AU
[72] SHEH, RAYMOND KA-MAN, AU
[72] IRONSIDE, CHARLES, AU
[72] CHIPPER, RICHARD, AU
[71] AUSTRALIAN INSTITUTE OF ROBOTIC ORTHOPAEDICS PTY LTD, AU
[85] 2019-02-07
[86] 2017-08-09 (PCT/AU2017/050840)
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[30] AU (2016903144) 2016-08-10

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[51] **Int.Cl. G06F 17/00 (2019.01)**
[25] EN
[54] **LARGE SCALE SOCIAL GRAPH SEGMENTATION**
[54] **SEGMENTATION DE GRAPHE SOCIAL A GRANDE ECHELLE**
[72] HANKINSON, STEPHEN JAMES FREDERIC, CA
[72] BURKE, TIMOTHY ANDREW, CA
[71] AFFINIO INC., CA
[85] 2019-02-07
[86] 2017-05-02 (PCT/CA2017/000109)
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[51] **Int.Cl. A61N 5/10 (2006.01) G21K 5/10 (2006.01)**
[25] EN
[54] **A GANTRY FOR PARTICLE THERAPY AS AN ARM ROTATING IN THE LONGITUDINAL PLANE**
[54] **PORTIQUE POUR THERAPIE PAR PARTICULES EN TANT QUE BRAS TOURNANT DANS LE PLAN LONGITUDINAL.**
[72] SCHIPPERS, JACOBUS MAARTEN, CH
[72] GERBERSHAGEN, ALEXANDER, CH
[71] PAUL SCHERRER INSTITUT, CH
[85] 2019-02-07
[86] 2017-06-20 (PCT/EP2017/065100)
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[25] EN
[54] **INORGANIC ION DETECTION SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE DETECTION D'IONS INORGANIQUES**
[72] BREADMORE, MICHAEL CHARLES, AU
[72] ZAKARIA, PHILIP JAMES CHARLES, AU
[72] BLANCO-HERAS, GUSTAVO, ES
[71] UNIVERSITY OF TASMANIA, AU
[85] 2019-02-07
[86] 2017-08-15 (PCT/AU2017/050861)
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[25] EN
[54] **A POLAR ADDITIVE-CONTAINING HYDROPROCESSING CATALYST, ITS PREPARATION AND USE**
[54] **CATALYSEUR D'HYDROTRAITEMENT CONTENANT UN ADDITIF POLAIRE, SA PREPARATION ET SON UTILISATION**
[72] KRUEGER, KARL MARVIN, US
[72] WEBER, THOMAS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2019-02-06
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[25] EN
[54] **METHODS FOR DIFFERENTIATING PLURIPOTENT CELLS**
[54] **PROCEDES DE DIFFERENCIATION DE CELLULES PLURIPOTENTES**
[72] LITTLE, LAUREN E., US
[72] WANG, WEN BO, US
[72] ELLIOT, NATHANIEL A., US
[72] MCMAHON, CHRISTOPHER W., US
[71] FUJIFILM CELLULAR DYNAMICS, INC., US
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[86] 2017-08-16 (PCT/US2017/047124)
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[30] US (62/375,590) 2016-08-16

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[51] **Int.Cl. G06Q 50/00 (2012.01) G06F 17/00 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MODELLING USER BEHAVIOUR IN SOCIAL NETWORK**
[54] **MODELISATION DU COMPORTEMENT D'UN UTILISATEUR DANS UN RESEAU SOCIAL**
[72] RENAUD, PHILIP JOSEPH, CA
[71] AFFINIO INC., CA
[85] 2019-02-07
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[51] **Int.Cl. C09K 8/80 (2006.01) C03C 12/00 (2006.01) C03C 23/00 (2006.01)**
[25] EN
[54] **PROPPANT AND METHOD OF MANUFACTURING A PROPPANT**
[54] **AGENT DE SOUTENEMENT ET PROCEDE DE FABRICATION D'UN AGENT DE SOUTENEMENT**
[72] BARRON, ANDREW, GB
[72] CORREAS LOPEZ, COVADONGA, ES
[72] GOMEZ JIMENEZ, VIRGINIA, ES
[72] IRESON, ROBERT GORDON, GB
[72] GLENDENNING, MALCOLM DAVID, GB
[72] MARSHALL, MARTYN WILLIAM, GB
[72] HOLCROFT, CHRISTOPHER PAUL, GB
[71] SWANSEA UNIVERSITY, GB
[71] GLASS TECHNOLOGY SERVICES LIMITED, GB
[85] 2019-02-07
[86] 2017-08-08 (PCT/GB2017/052329)
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[30] GB (1613603.8) 2016-08-08

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[51] **Int.Cl. B64D 27/02 (2006.01) H02J 1/10 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **ELECTRIC PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION ELECTRIQUE**
[72] KUPISZEWSKI, THOMAS, US
[72] MILLER, BRANDON WAYNE, US
[72] VONDRELL, RANDY M., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-02-06
[86] 2017-08-22 (PCT/US2017/048000)
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[30] US (15/242,844) 2016-08-22

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[51] **Int.Cl. H04L 12/28 (2006.01) H04R 27/00 (2006.01)**
[25] EN
[54] **A METHOD OF AUTHORISING AN AUDIO DOWNLOAD**
[54] **PROCEDE D'AUTORISATION D'UN TELECHARGEMENT AUDIO**
[72] TULL, GRAHAM, GB
[71] POWERCHORD GROUP LIMITED, GB
[85] 2019-02-07
[86] 2017-08-08 (PCT/GB2017/052331)
[87] (WO2018/029459)
[30] GB (1613587.3) 2016-08-08

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[25] EN
[54] **COMPOSITIONS COMPRISING REBAUDIOSIDE J**
[54] **COMPOSITIONS CONTENANT DU REBAUDIOSIDE J**
[72] ERICKSON, SHAWN, US
[72] GALOPIN, CHRISTOPHE, US
[72] NATTRESS, LAURA, US
[72] BONORDEN, WILLIAM, US
[71] PEPSICO, INC., US
[85] 2019-02-06
[86] 2017-08-18 (PCT/US2017/047485)
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[54] **SMART PACKAGE**
[54] **COLIS INTELLIGENT**
[72] HIGH, DONALD R., US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] O'BRIEN, JOHN J., V, US
[72] CANTRELL, ROBERT, US
[72] MATTINGLY, TODD, US
[72] MCHALE, BRIAN GERARD, GB
[72] WILKINSON, BRUCE WALTER, US
[71] WALMART APOLLO, LLC, US
[85] 2019-02-06
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[13] A1
[51] **Int.Cl. B63H 16/04 (2006.01)**
[25] EN
[54] **A PROPULSION DEVICE**
[54] **DISPOSITIF DE PROPULSION**
[72] SHARP, BOB, GB
[72] ROY, ALEXANDRA, GB
[72] PRICE, RONALD, GB
[71] SHARP, BOB, GB
[71] ROY, ALEXANDRA, GB
[71] PRICE, RONALD, GB
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[25] EN
[54] **GENERATING AND TRANSMITTING PARKING INSTRUCTIONS FOR AUTONOMOUS AND NON-AUTONOMOUS VEHICLES**
[54] **GENERATION ET TRANSMISSION D'INSTRUCTIONS DE STATIONNEMENT POUR VEHICULES AUTONOMES ET NON AUTONOMES**
[72] HAYES, HOWARD, US
[72] MADIGAN, REGINA, US
[72] KUMAR, SURENDER, US
[72] SLUSAR, MARK, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2019-02-06
[86] 2017-08-18 (PCT/US2017/047492)
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[30] US (15/240,019) 2016-08-18
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[25] EN
[54] **RESPIRATORY DEVICE AND SYSTEM FOR EXERCISING AND ANALYSING RESPIRATION OF A SUBJECT**
[54] **DISPOSITIF ET SYSTEME RESPIRATOIRE POUR EXERCICE ET ANALYSE DE LA RESPIRATION D'UN SUJET**
[72] TULLBERG POULSEN, CHRISTIAN, DK
[72] TOFT, TUE, DK
[72] BERGHOLDT, RUDY, DK
[72] KARKOV, KLAUS, DK
[72] MANSSON, BJARNE, DK
[72] VIDEBAEK, KARSTEN, DK
[71] AEROFIT.DK APS, DK
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[54] **METHOD FOR VIRTUAL MACHINE TO ACCESS PHYSICAL SERVER IN CLOUD COMPUTING SYSTEM, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME POUR QU'UNE MACHINE VIRTUELLE AIT ACCES A UN SERVEUR PHYSIQUE DANS UN SYSTEME INFONUAGIQUE**
[72] LI, JUNWU, CN
[72] SHEN, SI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-02-07
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[25] EN
[54] **SENSING DEVICE FOR SHOPPING CART**
[54] **DISPOSITIF DE DETECTION POUR CADDIE**
[72] HOWELL, DANIEL, US
[71] WALMART APOLLO, LLC, US
[85] 2019-02-06
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[30] US (62/397,445) 2016-09-21

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[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR NATIVE AND VIRTUALIZED VIDEO IN A HYBRID DOCKING STATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR VIDEO NATIVE ET VIRTUALISEE DANS UNE STATION D'ACCUEIL HYBRIDE**
[72] DECAMP, RONALD, US
[72] TSANG, DAN, US
[71] TARGUS INTERNATIONAL LLC, US
[85] 2019-02-06
[86] 2017-08-24 (PCT/US2017/048367)
[87] (WO2018/048631)
[30] US (15/261,204) 2016-09-09

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A VIRTUAL SHOPPING ENVIRONMENT**
[54] **APPAREIL ET PROCEDE DE FOURNITURE D'UN ENVIRONNEMENT D'ACHAT VIRTUEL**
[72] MATTINGLY, TODD D., US
[72] ANTEL, NICHOLAS RAY, US
[72] O'BRIEN, JOHN J., US
[71] WALMART APOLLO, LLC, US
[85] 2019-02-06
[86] 2017-08-24 (PCT/US2017/048389)
[87] (WO2018/039437)
[30] US (62/379,136) 2016-08-24

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[25] EN
[54] **EXPLOSION-PROTECTED FUEL CELL SYSTEM AND METHOD OF DEACTIVATING A FUEL_CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE PROTEGE CONTRE DES EXPLOSIONS ET PROCEDE DE MISE HORS SERVICE D'UN SYSTEME DE PILES A COMBUSTIBLE**
[72] LANZINGER, ACHIM, DE
[71] PROTON MOTOR FUEL CELL GMBH, DE
[85] 2019-02-07
[86] 2017-07-27 (PCT/EP2017/069000)
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[30] DE (10 2016 114 103.8) 2016-07-29

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **AMINOPYRIMIDINES AS ALK INHIBITORS**
[54] **AMINOPYRIMIDINES UTILISEES COMME INHIBITEURS D'ALK**
[72] WANG, SHAOMENG, US
[72] CHEN, JIANYONG, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2019-02-06
[86] 2017-08-28 (PCT/US2017/048845)
[87] (WO2018/044767)
[30] US (62/380,818) 2016-08-29

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[51] **Int.Cl. E04B 1/94 (2006.01) B32B 5/18 (2006.01) B32B 21/00 (2006.01) E04C 2/24 (2006.01) E04C 2/296 (2006.01) E04C 3/12 (2006.01) E04C 3/14 (2006.01)**
[25] EN
[54] **WOOD-BASED MATERIAL INSULATED FOR COMBUSTION RESISTANCE**
[54] **MATERIAU A BASE DE BOIS ISOLE POUR LA RESISTANCE A LA COMBUSTION**
[72] STEWART, GREGORY T., US
[72] KALINOWSKI, MATTHEW J., US
[72] PATANKAR, KSHITISH A., US
[72] REN, DAKAI, US
[72] CRAIN, STEVEN P., US
[72] HERST, ERNEST J., US
[72] CHENEY, DANIEL W., US
[72] OLSON, JEFFREY K., US
[72] CONGLETON, TYLER G., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-02-06
[86] 2017-07-31 (PCT/US2017/044585)
[87] (WO2018/031270)
[30] US (62/372,848) 2016-08-10

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **MULTI-CHANNEL SIGNAL ENCODING METHOD AND ENCODER**
[54] **PROCEDE DE CODAGE DE SIGNAL MULTICANAL, ET CODEUR**
[72] LIU, ZEXIN, CN
[72] ZHANG, XINGTAO, CN
[72] LI, HAITING, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-02-07
[86] 2017-02-22 (PCT/CN2017/074419)
[87] (WO2018/028170)
[30] CN (201610652506.X) 2016-08-10

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[51] **Int.Cl. C07D 413/14 (2006.01) A01N 43/50 (2006.01) A01N 43/76 (2006.01)**
[25] EN
[54] **SUBSTITUTED 2-HETEROCYCLYL IMIDAZOLYL-CARBOXAMIDES AS PEST CONTROL AGENTS**
[54] **2-HETEROCYCLYLE-IMIDAZOLYLE-CARBOXAMIDES SUBSTITUES UTILISES EN TANT QUE PESTICIDES**
[72] WILLOT, MATTHIEU, DE
[72] FISCHER, REINER, DE
[72] HEIL, MARKUS, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] ILG, KERSTIN, DE
[72] PORTZ, DANIELA, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **SHEET TRANSITIONING IN SPIRAL FORMED STRUCTURES**
[54] **TRANSITION DE FEUILLES DANS DES STRUCTURES FORMEES EN SPIRALE**
[72] TAKATA, ROSALIND K., US
[72] BRIDGERS, LOREN DANIEL, US
[72] SMITH, ERIC D., US
[71] KEYSTONE TOWER SYSTEMS, INC., US
[85] 2019-02-06
[86] 2017-08-31 (PCT/US2017/049612)
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[30] US (62/381,749) 2016-08-31

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[51] **Int.Cl. C07C 303/22 (2006.01) C07C 309/12 (2006.01) C07C 309/14 (2006.01)**
[25] EN
[54] **DEFI AND TAURATE AMIDE MIXTURES AND PROCESSES THEREOF**
[54] **MELANGES DE DEFI ET DE TAURATE D'AMIDE ET PROCEDES ASSOCIES**
[72] AU, VAN, US
[72] HARICHIAN, BIJAN, US
[71] UNILEVER PLC, GB
[85] 2019-02-07
[86] 2017-09-06 (PCT/EP2017/072312)
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[51] **Int.Cl. B65D 85/68 (2006.01) B65D 85/62 (2006.01)**
[25] EN
[54] **BRACKET SYSTEM FOR PACKAGING AXLE ASSEMBLIES**
[54] **SYSTEME DE SUPPORT DESTINE A UN EMBALLAGE D'ENSEMBLES ESSIEUX**
[72] ROBINSON, JOSHUA A., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2019-02-06
[86] 2017-08-02 (PCT/US2017/045083)
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[51] **Int.Cl. A22B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR RINSING OF CARCASSES**
[54] **PROCEDE DE RINCAGE DE CARCASSES**
[72] JOHNSEN, JUSTIN T., US
[72] MARTIN, WILLIAM J., US
[72] WILESMITH, BRADLEY J., AU
[71] MPSC, INC., US
[85] 2019-02-06
[86] 2017-09-01 (PCT/US2017/049903)
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[30] US (62/383,177) 2016-09-02
[30] US (15/690,477) 2017-08-30

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[25] EN
[54] **COOLING SYSTEM OF FUEL CELL OF HYDROGEN ENERGY TRAM**
[54] **SYSTEME DE REFROIDISSEMENT POUR PILE A COMBUSTIBLE A ENERGIE D'HYDROGENE DE TRAMWAY**
[72] HU, YUJIE, CN
[72] GAO, HONGZHEN, CN
[72] YANG, BING, CN
[72] MOU, XIAOSHA, CN
[72] REN, GUANGQIANG, CN
[72] LIU, YUWEN, CN
[72] ZHAO, ZEJUAN, CN
[71] CRRC QINGDAO SIFANG CO., LTD., CN
[85] 2019-02-07
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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **DETERMINATION OF A DOSE IN A MEDICATION DELIVERY DEVICE**
[54] **MECANISME DE DETECTION DE DOSE DANS UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] ALAGIA, NICOLA ANTONIO, US
[72] BYERLY, ROY HOWARD, US
[72] PERKINS, RUSSELL WAYNE, US
[72] MASSARI, ROSSANO CLAUDIO, US
[71] ELI LILLY AND COMPANY, US
[85] 2019-02-06
[86] 2017-08-04 (PCT/US2017/045419)
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[30] US (62/374,202) 2016-08-12

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[51] **Int.Cl. H01L 35/22 (2006.01) H01L 35/34 (2006.01)**
[25] EN
[54] **ACTIVE MATERIAL AND ELECTRIC POWER GENERATOR CONTAINING IT**
[54] **MATERIAU ACTIF ET GENERATEUR D'ENERGIE ELECTRIQUE CONTENANT CELUI-CI**
[72] MAGAGNIN, LUCA, IT
[72] IEFFA, SIMONA, IT
[72] ACCOGLI, ALESSANDRA, IT
[72] PANZERI, GABRIELE, IT
[72] LIBERALE, FRANCESCO, IT
[72] TIRELLA, VINCENZO, CH
[72] SUCCA, LUCA, CH
[72] BRUNETTI, SIMONE, CH
[71] TERMO-IND S.A., CH
[85] 2019-02-07
[86] 2017-08-07 (PCT/EP2017/069925)
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[51] **Int.Cl. C08J 5/18 (2006.01) C08F 110/02 (2006.01)**
[25] EN
[54] **BLOWN FILMS HAVING IMPROVED HAZE, AND ARTICLES MADE THEREFROM**
[54] **FILMS SOUFFLES PRESENTANT UN VOILE AMELIORE, ET ARTICLES FABRIQUES A PARTIR DE CES FILMS**
[72] BILGEN, MUSTAFA, US
[72] DEMIRORS, MEHMET, US
[72] KARJALA, TERESA P., US
[72] ABOELELLA, NERMEEN W., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-02-06
[86] 2017-08-04 (PCT/US2017/045430)
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[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/26 (2006.01) B01J 20/18 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **SWING ADSORPTION PROCESSES FOR REMOVING WATER USING 3A ZEOLITE STRUCTURES**
[54] **PROCEDES D'ADSORPTION MODULEE POUR ELIMINER L'EAU EN UTILISANT DES STRUCTURES DE ZEOLITE 3A**
[72] WANG, YU, US
[72] DECKMAN, HARRY W., US
[72] WITTRIG, ASHLEY M., US
[72] STROHMAIER, KARL G., US
[72] LETA, DANIEL P., US
[72] RAVIKOVITCH, PETER I., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2019-02-06
[86] 2017-08-04 (PCT/US2017/045476)
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[30] US (62/382,544) 2016-09-01

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[25] EN
[54] **FITMENT ASSEMBLY FOR FOOD OR BEVERAGE CONTAINERS**
[54] **ENSEMBLE CLOISON POUR RECIPIENTS D'ALIMENTS OU DE BOISSONS**
[72] JARISCH, CHRISTIAN, CH
[72] TALON, CHRISTIAN, CH
[72] HEYDEL, CHRISTOPHE SEBASTIEN PAUL, CH
[72] PELLEGRINI, STEPHANE, FR
[72] DENISART, JEAN-LUC, CH
[72] BAENNINGER, PHILIPPE, CH
[72] BONACCI, ENZO, CH
[72] VERETTAS, IRENE, CH
[71] NESTEC S.A., CH
[85] 2019-02-07
[86] 2017-08-08 (PCT/EP2017/070040)
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[13] A1
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **INTRAGASTRIC BALLOON AND MANUFACTURING METHOD THEREOF**
[54] **BALLON INTRAGASTRIQUE ET SON PROCEDE DE FABRICATION.**
[72] MIGLIETTI, ROMANO, IT
[72] RAMORINO, GIORGIO, IT
[72] STORER, MATTEO, IT
[71] EUROMEDICAL S.R.L., IT
[85] 2019-02-07
[86] 2017-08-10 (PCT/IB2017/054879)
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[30] IT (102016000084458) 2016-08-10

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[51] **Int.Cl. H01M 2/20 (2006.01) H01H 85/08 (2006.01) H01M 2/34 (2006.01)**
[25] EN
[54] **BATTERY, BATTERY MODULE FOR THE BATTERY, AND BUS BAR THEREFOR**
[54] **BATTERIE, MODULE DE BATTERIE POUR LA BATTERIE ET BARRE OMNIBUS APPROPRIEE**
[72] JENNER-BRAUNSCHMIED, EDMUND, AT
[72] REINGRUBER, MARTIN, AT
[71] NORDFELS GMBH, AT
[85] 2019-02-07
[86] 2017-08-08 (PCT/EP2017/070125)
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[30] EP (16183280.3) 2016-08-08

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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SPIRO BICYCLIC INHIBITORS OF MENIN-MLL INTERACTION**
[54] **INHIBITEURS SPIRO BICYCLIQUES DE L'INTERACTION MENINE-MLL**
[72] ANGIBAUD, PATRICK RENE, FR
[72] PANDE, VINEET, BE
[72] HERKERT, BARBARA, BE
[72] KROSKY, DANIEL JASON, US
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] PILATTE, ISABELLE NOELLE CONSTANCE, FR
[72] PATRICK, AARON NATHANIEL, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2019-02-07
[86] 2017-09-13 (PCT/EP2017/073004)
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[30] US (62/394,295) 2016-09-14
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[51] **Int.Cl. C07D 401/14 (2006.01) C07D 215/14 (2006.01) C07D 215/18 (2006.01) C07D 241/42 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 413/04 (2006.01) C07D 451/02 (2006.01) C07D 471/04 (2006.01) C07D 471/08 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **TLR7/8 ANTAGONISTS AND USES THEREOF**
[54] **ANTAGONISTES DE TLR7/8 ET LEURS UTILISATIONS**
[72] SHERER, BRIAN A., US
[72] CHEN, XIAOLING, US
[72] CLEARY, ESTHER, US
[72] BRUGGER, NADIA, US
[71] MERCK PATENT GMBH, DE
[85] 2019-02-06
[86] 2017-08-07 (PCT/US2017/045671)
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[30] US (62/371,917) 2016-08-08

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[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING USUAL INTERSTITIAL PNEUMONIA**
[54] **PROCEDES ET SYSTEMES DE DETECTION DE LA PNEUMONIE INTERSTITIELLE CHRONIQUE**
[72] KENNEDY, GIULIA C., US
[72] HUANG, JING, US
[72] CHOI, YOONHA, US
[72] PANKRATZ, DANIEL, US
[72] WALSH, PATRIC SEAN, US
[71] VERACYTE, INC., US
[85] 2019-02-06
[86] 2017-09-06 (PCT/US2017/050358)
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[30] US (62/384,609) 2016-09-07
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[51] **Int.Cl. H04N 5/14 (2006.01) G02B 27/10 (2006.01) G06T 5/50 (2006.01)**
[25] EN
[54] **REAL-TIME HDR VIDEO FOR VEHICLE CONTROL**
[54] **VIDEO HDR EN TEMPS REEL POUR LA COMMANDE DE VEHICULES**
[72] KISER, WILLIE C., US
[72] TOCCI, NORA, US
[72] TOCCI, MICHAEL D., US
[71] CONTRAST, INC., US
[85] 2019-02-06
[86] 2017-08-07 (PCT/US2017/045683)
[87] (WO2018/031441)
[30] US (62/372,527) 2016-08-09

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[51] **Int.Cl. C07H 1/06 (2006.01) A23L 2/60 (2006.01) C07H 15/256 (2006.01)**
[25] EN
[54] **CRYSTALLIZATION OF STEVIOL GLYCOSIDES**
[54] **CRISTALLISATION DE GLYCOSIDES DE STEVIOL**
[72] GALAEV, IGOR, NL
[72] SAHOO, MANAS RANJAN, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-02-07
[86] 2017-08-09 (PCT/EP2017/070244)
[87] (WO2018/029274)
[30] US (62/372737) 2016-08-09

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[51] **Int.Cl. E21B 21/06 (2006.01) B01D 21/00 (2006.01) B07C 5/04 (2006.01) E21B 21/01 (2006.01)**
[25] EN
[54] **WEIGHT MATERIAL RECOVERY AND REUSE METHOD FROM DRILLING WASTE**
[54] **PROCEDE DE RECUPERATION ET DE REUTILISATION D'ALOURDISSANTS PROVENANT DE DECHETS DE FORAGE**
[72] STEGER, GREGORY, CA
[72] COSTON, BRIAN, CA
[72] ROSS, STAN, CA
[71] RECOVER ENERGY SERVICES INC., CA
[85] 2019-02-07
[86] 2017-08-24 (PCT/IB2017/055112)
[87] (WO2018/037374)
[30] US (62/379,437) 2016-08-25

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[51] **Int.Cl. A62D 1/00 (2006.01) A62C 3/02 (2006.01) C23F 11/173 (2006.01) C09K 21/04 (2006.01)**
[25] EN
[54] **FIRE-RETARDANT COMPOSITIONS AND THEIR USES**
[54] **COMPOSITIONS IGNIFUGES ET LEURS UTILISATIONS**
[72] KHOSLA, URVASHI, US
[72] VANDERSALL, HOWARD L., US
[72] KIM, MELISSA R., US
[71] PERIMETER SOLUTIONS LP, US
[85] 2019-02-06
[86] 2017-08-07 (PCT/US2017/045714)
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[30] US (62/372,012) 2016-08-08

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[51] **Int.Cl. C12N 9/04 (2006.01) C12P 7/24 (2006.01) C12P 13/00 (2006.01) C12P 17/12 (2006.01) C12P 17/18 (2006.01)**
[25] EN
[54] **BIOSYNTHESIS OF BENZYLISOQUINOLINE ALKALOIDS AND BENZYLISOQUINOLINE ALKALOID PRECURSORS**
[54] **BIOSYNTHESE D'ALCALOIDES DE BENZYLISOQUINOLINE ET DE PRECURSEURS D'ALCALOIDES DE BENZYLISOQUINOLINE**
[72] HANSEN, ESBEN HALKJAER, DK
[72] SCHWAB, MARKUS, DE
[72] BERNINGER, PHILIPP, CH
[72] DELGRANGE, FANNY, FR
[72] GRASSINGER, FRANZISKA, CH
[71] RIVER STONE BIOTECH, LLC, US
[85] 2019-02-07
[86] 2017-08-09 (PCT/EP2017/070253)
[87] (WO2018/029282)
[30] US (62/372,356) 2016-08-09
[30] US (62/524,120) 2017-06-23

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[51] **Int.Cl. A61F 5/058 (2006.01) A61F 5/37 (2006.01)**
[25] EN
[54] **HEAD IMMOBILIZATION AID WITH ADJUSTABLE SUPPORTS**
[54] **DISPOSITIF D'AIDE A L'IMMOBILISATION DE LA TETE A SUPPORTS REGLABLES**
[72] SCOTT, JANE, US
[72] FITCH, BRENDAN, US
[72] FITCH, CAMERON, US
[71] TORTLE PRODUCTS LLC, US
[85] 2019-02-06
[86] 2017-08-07 (PCT/US2017/045727)
[87] (WO2018/031465)
[30] US (62/372,190) 2016-08-08

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[13] A1
[51] **Int.Cl. B61F 3/04 (2006.01) B61F 3/16 (2006.01)**
[25] EN
[54] **PORTAL-AXLE OF LOW FLOOR RAIL VEHICLES AND RAIL-AND-TRAM VEHICLES**
[54] **ESSIEU PORTIQUE DE VEHICULES SUR RAILS A FAIBLE GARDE AU SOL ET VEHICULES FERROVIAIRES ET TRAMWAYS**
[72] FENAROLI, MARCO, IT
[72] CERVELLO, STEVEN, IT
[72] GALLO, RICCARDO, IT
[72] CANTINI, STEFANO, IT
[71] LUCCHINI RS S.P.A., IT
[85] 2019-02-07
[86] 2017-08-29 (PCT/IB2017/055176)
[87] (WO2018/042326)
[30] IT (102016000088005) 2016-08-30

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[13] A1
[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/416 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **INDAZOLE COMPOUNDS FOR USE IN TENDON AND/OR LIGAMENT INJURIES**
[54] **COMPOSES D'INDAZOLE DESTINES A ETRE UTILISES DANS DES LESIONS DE TENDON ET/OU DE LIGAMENT**
[72] BURSULAYA, BADRY, US
[72] FISCH, ANDREAS, CH
[72] LAJINESS, JAMES PAUL, US
[72] MACHAUER, RAINER, CH
[72] MALEKAR, SWAPNIL, US
[72] PETRASSI, HANK MICHAEL JAMES, US
[72] RAMAZANI, FARSHAD, CH
[72] REMOND, ANNE-CATHERINE, CH
[72] ULLRICH, THOMAS, CH
[72] USSELMANN, PEGGY, CH
[72] VANGREVELINGHE, ERIC, CH
[71] NOVARTIS AG, CH
[85] 2019-02-07
[86] 2017-09-21 (PCT/IB2017/055735)
[87] (WO2018/055550)
[30] US (62/398,869) 2016-09-23

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS FOR PERFORMING MULTIPLEXED REAL-TIME PCR**
[54] **PROCEDES DE MISE EN OEUVRE DE PCR EN TEMPS REEL MULTIPLEXEE**
[72] KOZLOV, IGOR, US
[72] GUPTA, AMAR, US
[72] SAIKI, RANDALL, US
[72] TSAN, ALISON, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-02-07
[86] 2017-09-15 (PCT/EP2017/073293)
[87] (WO2018/050828)
[30] US (62/395,325) 2016-09-15
[30] US (62/435,595) 2016-12-16
[30] US (62/536,871) 2017-07-25

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[51] **Int.Cl. C08L 95/00 (2006.01) C04B 26/26 (2006.01) C08L 91/00 (2006.01)**
[25] EN
[54] **STEROL BLENDS AS AN ADDITIVE IN ASPHALT BINDER**
[54] **MELANGES DE STEROLS UTILISES COMME ADDITIF DANS UN LIANT D'ASPHALTE**
[72] REINKE, GERALD H., US
[72] BAUMGARDNER, GAYLON L., US
[72] HANZ, ANDREW, US
[71] A.L.M HOLDING COMPANY, US
[71] ERGON ASPHALT & EMULSIONS, INC., US
[85] 2019-02-06
[86] 2017-08-08 (PCT/US2017/045887)
[87] (WO2018/031540)
[30] US (62/372,504) 2016-08-09

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[51] **Int.Cl. H01P 3/10 (2006.01) H01P 5/103 (2006.01) H01P 7/06 (2006.01)**
[25] EN
[54] **MAGNETIC COUPLING DEVICE WITH REFLECTIVE PLATE AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF DE COUPLAGE MAGNETIQUE A PLAQUE REFLECHISSANTE ET SES PROCEDES D'UTILISATION**
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] HENRY, PAUL SHALA, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2019-02-06
[86] 2017-09-11 (PCT/US2017/050916)
[87] (WO2018/057326)
[30] US (15/273,348) 2016-09-22

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **AZA-INDAZOLE COMPOUNDS FOR USE IN TENDON AND/OR LIGAMENT INJURIES**
[54] **COMPOSES D'AZA-INDAZOLE DESTINES A ETRE UTILISES DANS DES LESIONS DE TENDON ET/OU DE LIGAMENT**
[72] BURSULAYA, BADRY, US
[72] FISCH, ANDREAS, CH
[72] LAJINESS, JAMES PAUL, US
[72] MACHAUER, RAINER, CH
[72] MALEKAR, SWAPNIL, US
[72] PETRASSI, HANK MICHAEL JAMES, US
[72] RAMAZANI, FARSHAD, CH
[72] REMOND, ANNE-CATHERINE, CH
[72] ULLRICH, THOMAS, CH
[72] USSELMANN, PEGGY, CH
[72] VANGREVELINGHE, ERIC, CH
[71] NOVARTIS AG, CH
[85] 2019-02-07
[86] 2017-09-21 (PCT/IB2017/055737)
[87] (WO2018/055551)
[30] US (62/398,865) 2016-09-23

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[51] **Int.Cl. A23D 9/04 (2006.01) A23G 1/36 (2006.01) A23G 1/40 (2006.01) C11B 3/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING COCOA BUTTER**
[54] **COMPOSITIONS COMPRENANT DU BEURRE DE CACAO**
[72] DE CLERCQ, NATHALIE, BE
[72] ROUVILLAIN, MATTHIEU BRUNO PHILIPPE, BE
[72] SALOPPE, SIDONIE, BE
[71] CARGILL, INCORPORATED, US
[85] 2019-02-06
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[54] **AMELIORATIONS DE PLANIFICATION POUR DES SYSTEMES DE COMMUNICATION SANS FIL A LATENCE LIMITEE ET FIABLES**
[72] HOLFELD, BERND, DE
[72] WIERUCH, DENNIS, DE
[72] WIRTH, THOMAS, DE
[72] FEHRENBACH, THOMAS, DE
[72] HELLGE, CORNELIUS, DE
[72] SANCHEZ DE LA FUENTE, YAGO, DE
[72] SCHIERL, THOMAS, DE
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[54] **PLUG AND PLAY WITH SMART ENERGY STORAGE UNITS**
[54] **UNITES DE STOCKAGE D'ENERGIE INTELLIGENTES PRETES A L'EMPLOI**
[72] CLIFTON, ERIC DOUGLASS, US
[72] EMANUEL, MICHAEL, US
[71] ORISON, INC., US
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[54] **FORMULATIONS FOR ORAL ADMINISTRATION OF ACTIVE AGENTS**
[54] **FORMULATIONS POUR L'ADMINISTRATION PAR VOIE ORALE D'AGENTS ACTIFS**
[72] BURSHTEIN, GREGORY, IL
[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
[72] GALITZER, HILLEL, IL
[71] ENTERA BIO LTD., IL
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[54] **ENSEMBLE SUPPORT DE MANCHE D'ASPIRATEUR**
[72] SEASHOLTZ, CRAIG A., US
[72] GOTTSCHALL, JASON, US
[72] GRIFFIN, JOHN, US
[71] SHOP VAC CORPORATION, US
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[54] **NOUVEAUX PEPTIDES IMMUNOSTIMULANTS**
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[71] AIMVION A/S, DK
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[54] **OUTIL D'EXCAVATION**
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[72] TOMITA, YASUTAKA, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
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[54] **NEEDLE HUB FOR SUBCUTANEOUS INFUSION SET**
[54] **EMBASE D'AIGUILLE POUR ENSEMBLE DE PERFUSION SOUS-CUTANEE**
[72] SONDEREGGER, RALPH, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ADENOVIRUS ARMED WITH BISPECIFIC T CELL ENGAGER (BITE)**
[54] **ADENOVIRUS ARME AVEC DES ELEMENTS BISPECIFIQUES DE LIAISON AUX CELLULES T (BITE)**
[72] CHAMPION, BRIAN ROBERT, GB
[72] BROMLEY, ALICE CLAIRE NOEL, GB
[72] FREEDMAN, JOSHUA DAVID, GB
[72] FISHER, KERRY DAVID, GB
[72] SEYMOUR, LEONARD WILLIAM, GB
[71] PSIOXUS THERAPEUTICS LIMITED, GB
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[54] **INTRAMEDULLARY IMPLANT WITH PROXIMAL PLATE AND METHOD FOR ITS USE**
[54] **IMPLANT INTRAMEDULLAIRE A PLAQUE PROXIMALE ET SON PROCEDE D'UTILISATION**
[72] KAY, DAVID B., US
[72] PERERA, ANTHONY, GB
[72] DEN HARTOG, BRYAN, US
[72] DUCHARME, DUSTIN, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **METHOD FOR PRODUCING FIBER-REINFORCED RESIN MOLDED ARTICLES**
[54] **PROCEDE DE PRODUCTION D'ARTICLES MOULES EN RESINE RENFORCEE DE FIBRES**
[72] MAEDA, MITSUTOSHI, JP
[72] TAKENO, KAZUMA, JP
[72] TOKUTOMI, HIROSHI, JP
[72] SATO, TETSUYA, JP
[72] KUGA, KAZUNORI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **PHENYLALANINE-FREE PROTEIN FOR THE TREATMENT OF PKU**
[54] **PROTEINE SANS PHENYLALANINE POUR LE TRAITEMENT DE LA PKU**
[72] HOFFMANN, BERNHARD, DE
[72] MUCKE, YVONNE, DE
[72] RASCHE, STEFAN, DE
[72] JABLONKA, NATALIA, DE
[72] SCHILLBERG, STEFAN, DE
[71] METAX INSTITUT FUR DIATETIK GMBH, DE
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[25] EN
[54] **FEED ADDITIVE COMPOSITION FOR RUMINANTS AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSITION D'ADDITIF ALIMENTAIRE POUR RUMINANTS ET SON PROCEDE DE FABRICATION**
[72] SHIBAHARA, SUSUMU, JP
[72] TANAKA, MASAYUKI, JP
[72] HARUNO, ATSUSHI, JP
[71] AJINOMOTO CO., INC., JP
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[54] **BEAM SWITCHING**
[54] **COMMUTATION DE FAISCEAU**
[72] NAGARAJA, SUMEETH, US
[72] LUO, TAO, US
[72] GUPTA, AJAY, US
[72] JOHN WILSON, MAKESH PRAVIN, US
[72] CHAKRABORTY, KAUSHIK, US
[72] AKKARAKARAN, SONY, US
[72] MENON, VINOD VISWANATHA, US
[71] QUALCOMM INCORPORATED, US
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[54] **LACTOBACILLUS-CONTAINING CHOCOLATE AND MANUFACTURING METHOD THEREFOR**
[54] **CHOCOLAT CONTENANT DU LACTOBACILLUS ET SON PROCEDE DE FABRICATION**
[72] ASHITANI, HIROAKI, JP
[72] KOYAMA, TOSHIYUKI, JP
[72] USAMIKRANK, YOKO, JP
[72] KABUKI, YUSUKE, JP
[72] YONEJIMA, YASUNORI, JP
[72] HISA, KEIKO, JP
[71] LOTTE CO., LTD., JP
[71] NITTO PHARMACEUTICAL INDUSTRIES, LTD., JP
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[25] EN
[54] **METHOD AND APPARATUS FOR MANIPULATING THE SIDEWALL OF A BODY LUMEN OR BODY CAVITY**
[54] **PROCEDE ET APPAREIL POUR MANIPULER LA PAROI LATERALE D'UNE LUMIERE CORPORELLE OU D'UNE CAVITE CORPORELLE**
[72] CRUZ, AMOS, US
[72] O'KEEFE, JONATHAN, US
[72] CERIER, JEFFREY, US
[72] NGUYEN, TUAN ANH, US
[72] LEFEBVRE, LAURENCE, US
[71] LUMENDI LTD., GB
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[54] **USING OPTICAL SENSORS TO RESOLVE VEHICLE HEADING ISSUES**
[54] **UTILISATION DE CAPTEURS OPTIQUES POUR RESOUDRE DES PROBLEMES DE CAP DE VEHICULE**
[72] MADSEN, TOMMY ERTBOLLE, US
[72] SAPILEWSKI, GLEN, US
[72] SAKHARKAR, ANANT, US
[72] EICHNER, JEAN-MARIE, US
[72] DUMBLE, STEVEN J., US
[71] AGJUNCTION LLC, US
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[51] **Int.Cl. A63F 1/12 (2006.01) A63F 1/14 (2006.01)**
[25] EN
[54] **CARD HANDLING DEVICES AND RELATED ASSEMBLIES AND COMPONENTS**
[54] **DISPOSITIFS DE MANIPULATION DE CARTES ET ENSEMBLES ET COMPOSANTS ASSOCIES**
[72] HELSEN, COLIN A., AU
[72] KRENN, PETER, AT
[71] SHUFFLE MASTER GMBH & CO KG, AT
[85] 2019-02-07
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[54] **UHMWPE FIBER, YARN AND ARTICLES THEREOF**
[54] **FIBRE UHMWPE, FIL ET ARTICLES ASSOCIES**
[72] VLASBLOM, MARTIN PIETER, NL
[72] DRIEMAN, JOHANNES GABRIEL MARIE, NL
[72] GIJSMAN, PIETER, NL
[71] DSM IP ASSETS B.V., NL
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[25] EN
[54] **A METHOD AND A SYSTEM FOR PRESENTING MEDIA**
[54] **PROCEDE ET SYSTEME DE PRESENTATION DE SUPPORT**
[72] TULL, GRAHAM, GB
[71] POWERCHORD GROUP LIMITED, GB
[85] 2019-02-07
[86] 2017-08-08 (PCT/GB2017/052335)
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[51] **Int.Cl. B63C 13/00 (2006.01) B60F 3/00 (2006.01)**
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[54] **BOAT WITH RETRACTABLE WHEELS**
[54] **BATEAU A ROUES RETRACTABLES**
[72] RYAN, ANDREW VINCENT, AU
[71] FRESWIN ENGINEERING PTY LTD, AU
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[51] **Int.Cl. B29B 15/10 (2006.01) B32B 7/02 (2019.01) C08K 7/06 (2006.01)**
[25] EN
[54] **DISCONTINUOUS-FIBER COMPOSITES AND METHODS OF MAKING THE SAME**
[54] **COMPOSITES DE FIBRES DISCONTINUES, ET PROCEDES POUR LEUR PRODUCTION**
[72] BRADY, ANDREW, US
[72] MANNHALTER, BERT D., US
[72] SALEM, DAVID R., US
[71] SOUTH DAKOTA BOARD OF REGENTS, US
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[51] **Int.Cl. D01C 1/02 (2006.01) B01J 19/00 (2006.01) B01J 23/00 (2006.01) C01B 15/01 (2006.01)**
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[54] **DECORTICATION METHODS FOR PRODUCING RAW MATERIALS FROM PLANT BIOMASS**
[54] **PROCEDES DE DECORTICATION POUR LA PRODUCTION DE MATIERES PREMIERES A PARTIR D'UNE BIOMASSE VEGETALE**
[72] POWARS, ADAM, US
[71] 9FIBER, INC., US
[85] 2019-02-07
[86] 2016-08-12 (PCT/US2016/046799)
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[51] **Int.Cl. F24F 7/08 (2006.01) F24F 7/007 (2006.01)**
[25] EN
[54] **HEAT EXCHANGE-TYPE VENTILATION DEVICE**
[54] **DISPOSITIF DE VENTILATION DE TYPE A ECHANGE DE CHALEUR**
[72] IIO, KOUJI, JP
[72] FUNADA, NAOYUKI, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2019-02-07
[86] 2017-09-15 (PCT/JP2017/033390)
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[25] EN
[54] **METHOD FOR CONTROLLING PESTS IN MODIFIED PLANTS**
[54] **METHODE DE LUTTE CONTRE DES RAVAGEURS DANS LES PLANTES MODIFIEES**
[72] SOERGEL, SEBASTIAN, DE
[72] GOCKEL, BIRGIT, DE
[72] AREVALO, HECTOR ALEJANDRO, US
[72] POHLMAN, MATTHIAS, US
[71] BASF SE, DE
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[25] EN
[54] **DRUG DELIVERY DEVICE AND METHOD FOR CONNECTING A FLUID FLOWPATH**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET METHODE POUR CONNECTER UNE VOIE D'ECOULEMENT DE FLUIDE**
[72] DECHELETTE, ALEXIS MARIE ADOLPHE, US
[72] RUSSO, ROBERT S., US
[72] LAURENCE, LAWTON, US
[72] DEVITT, SHAUN R., US
[71] UNL HOLDINGS LLC, US
[85] 2019-02-06
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[51] **Int.Cl. H04M 11/04 (2006.01)**
[25] EN
[54] **WEARABLE TRANSPONDER(S), ALERT AND MONITORING SYSTEM**
[54] **TRANSPONDEURS PORTABLES, SYSTEME D'ALERTE ET DE SURVEILLANCE**
[72] JOHNSTON-MITCHELL, KAYLA SIMONE, US
[71] JOHNSTON-MITCHELL, KAYLA SIMONE, US
[85] 2019-02-06
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[25] EN
[54] **METHOD OF LIGHT UNIT REPLACEMENT**
[54] **PROCEDE DE REMPLACEMENT D'UNITE D'ECLAIRAGE**
[72] LEYDECKER, STEPHEN HAIGHT, NL
[72] SAES, MARC, NL
[71] ELDOLAB HOLDING B.V., NL
[85] 2019-02-06
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[25] FR
[54] **METHOD FOR PRODUCING COMPOSITE MATERIAL PARTS BY IMPREGNATING A SPECIFIC PREFORM**
[54] **PROCEDE DE REALISATION DE PIECES EN MATERIAU COMPOSITE PAR IMPREGNATION D'UNE PREFORME PARTICULIERE**
[72] HAMLYN, ALEXANDER, FR
[72] JOB, SOPHIE, FR
[71] CORIOLIS GROUP, FR
[85] 2019-02-07
[86] 2017-09-22 (PCT/FR2017/000176)
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[25] EN
[54] **EGG INSPECTION DEVICE**
[54] **DISPOSITIF POUR EXAMINER LES □UFS**
[72] EINSPANIER, ALMUTH, DE
[71] SELEGGT GMBH, DE
[85] 2019-02-07
[86] 2017-08-04 (PCT/EP2017/069769)
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[30] DE (10 2016 215 127.4) 2016-08-12

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[25] EN
[54] **SOLID PHARMACEUTICAL COMPOSITION COMPRISING AMORPHOUS SOFOSBUVIR**
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE COMPRENANT DU SOFOSBUVIR AMORPHE.**
[72] SEMINARA, STEFANO, AT
[72] TAJCHERT, AGNIESZKA, AT
[72] SCHWARZ, FRANZ, AT
[71] SANDOZ AG, CH
[85] 2019-02-07
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[30] EP (16184053.3) 2016-08-12

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[25] EN
[54] **LUMINOUS ELEMENT AND METHOD FOR ILLUMINATING A COMPONENT OF A WIND ENERGY INSTALLATION, AND COMPONENTS FOR A WIND ENERGY INSTALLATION AND WIND ENERGY INSTALLATION**
[54] **ELEMENT LUMINEUX ET PROCEDE PERMETTANT D'ECLAIRER UN ELEMENT STRUCTURAL D'UNE EOLIENNE, AINSI QU'ELEMENTS STRUCTURAUX POUR UNE EOLIENNE ET EOLIENNE**
[72] HARMS, STEPHAN, DE
[72] HOFFMANN, ALEXANDER, DE
[72] GROENHAGEN, JANNES, DE
[72] VINKE, DANIEL, DE
[72] SZYMKOWIAK, FELIX, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **USE OF COMPOSITIONS COMPRISING PELARGONIC ACID AND SPECIFIC NON IONIC SURFACTANTS FOR INHIBITING THE GROWTH OF SUCKERS ON PLANTS**
[54] **UTILISATION DE COMPOSITIONS COMPRENANT DE L'ACIDE PELARGONIQUE ET DE TENSIOACTIFS NON IONIQUES SPECIFIQUES DESTINES A INHIBER LA CROISSANCE DE DRAGEONS SUR LES PLANTES**
[72] VAN POTTELBERGE, STEVEN, BE
[72] DESNOUCK, JOHAN, BE
[72] NGUYEN, CAROLINE, BE
[71] BELCHIM CROP PROTECTION NV, BE
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[54] **RACCORD HYBRIDE POUR RACCORDEMENT A UNE EXTREMITE D'UN TUYAU**
[72] DITTMAR, RAINER, DE
[72] MULLER, STEPHAN, DE
[71] UPONOR INNOVATION AB, SE
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[54] **PREPAID, DEBIT AND CREDIT CARD SECURITY CODE GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION DE CODE DE SECURITE DE CARTE PREPAYEE DE CREDIT ET DE DEBIT**
[72] ESSEBAG, JACQUES, BE
[72] POCHIC, SEBASTIEN, BE
[71] ELLIPSE WORLD S.A., BE
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[86] 2017-08-03 (PCT/IB2017/054770)
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01)**
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[54] **RECEPTACLE, CARTRIDGE, APPARATUS AND METHODS FOR GENERATING AN INHALABLE MEDIUM**
[54] **RECEPTACLE, CARTOUCHE, APPAREIL ET PROCEDES POUR PRODUIRE UN MILIEU A INHALER**
[72] YILMAZ, UGURHAN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **COMBINED USES OF A PHOSPHOROUS COMPOUND FOR IRON SULPHIDE DISSOLUTION AND BACTERIAL CONTROL**
[54] **UTILISATIONS COMBINEES D'UN COMPOSE PHOSPHORE POUR LA DISSOLUTION DE SULFURE DE FER ET LA LUTTE CONTRE LES BACTERIES**
[72] JONES, CHRIS, GB
[72] EDMUNDS, STEPHANIE, GB
[72] FELLOWS, ALAN CHRISTOPHER, GB
[72] COLLINS, GARETH, US
[71] RHODIA OPERATIONS, FR
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[54] **METHOD FOR A PREPAID, DEBIT AND CREDIT CARD SECURITY CODE GENERATION SYSTEM**
[54] **PROCEDE POUR UN SYSTEME DE GENERATION DE CODE DE SECURITE DE CARTE PREPAYEE DE CREDIT ET DE DEBIT**
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[25] EN
[54] **PROGRAMMABLE CAS9-RECOMBINASE FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION CAS9-RECOMBINASE PROGRAMMABLES ET UTILISATIONS ASSOCIEES**
[72] LIU, DAVID R., US
[72] CHAIKIND, BRIAN, US
[72] BESSEN, JEFFREY L., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2019-02-06
[86] 2017-08-09 (PCT/US2017/046144)
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[54] **DISPOSITIF, SYSTEME ET PROCEDE PERMETTANT D'OBTENIR UNE MESURE MAGNETIQUE AU MOYEN D'AIMANTS PERMANENTS**
[72] RAPOPORT, URI, IL
[72] GOLDFARB, YAIR, IL
[72] COHEN, YORAM, IL
[71] ASPECT IMAGING LTD., IL
[85] 2019-02-07
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[54] **ALDEHYDES MODULANT LE GOUT**
[72] LOMBARDO, LOUIS J., US
[72] LANKIN, MICHAEL E., US
[72] BLANDINO, MAUREEN, US
[72] TARTAGLIA, JENNIFER B., US
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
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[54] **PROCEDE POUR PURIFIER DU PHOSPHORE BLANC**
[72] HANSEL, JAN-GERD, DE
[72] JANSEN, ROLF-MICHAEL, DE
[72] ROSENOW, BERND, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[54] **METHOD AND DEVICE FOR LITHOGRAPHICALLY PRODUCING A TARGET STRUCTURE ON A NON-PLANAR INITIAL STRUCTURE**
[54] **PROCEDE ET DISPOSITIF DE GENERATION LITHOGRAPHIQUE D'UNE STRUCTURE CIBLE SUR UNE STRUCTURE INITIALE NON PLANE**
[72] KOOS, CHRISTIAN, DE
[72] HOOSE, TOBIAS, DE
[72] DIETRICH, PHILIPP-IMMANUEL, DE
[72] BLAICHER, MATTHIAS, DE
[72] GODECKE, MARIA LAURA, DE
[72] LINDENMANN, NICOLE, DE
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
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[54] **METHOD FOR CONTROLLING A DISPLAY ELEMENT BY A GAMES CONSOLE**
[54] **PROCEDE DE CONTROLE D'UN ELEMENT D'AFFICHAGE PAR UNE CONSOLE DE JEUX**
[72] FALC, ALAIN, BE
[72] ALLAERT, YANNICK, FR
[72] NOTEBAERT, ALEXANDRE, FR
[72] DUDOYER, STEPHEN, FR
[71] BIGBEN INTERACTIVE SA, FR
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[54] **NUTRITIONAL TREATMENT FOR CANCER**
[54] **TRAITEMENT NUTRITIONNEL ANTICANCEREUX**
[72] LI, XIYAN, US
[72] SNYDER, MICHAEL, US
[72] WANG, XIN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[25] EN
[54] **PRODUCTION METHOD FOR L-AMINO ACID**
[54] **PROCEDE DE PRODUCTION D'ACIDE L-AMINE**
[72] YAMADA, KAZUTERU, JP
[72] ZHANG, YE, JP
[72] ABE, KENJI, JP
[72] IWANAGA, NAOKI, JP
[72] TAKESHITA, RYO, JP
[72] UEHARA, YURI, JP
[72] HIKICHI, CHIKA, JP
[72] OOTA, YASUHIRO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2019-02-07
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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND GAMING MACHINES HAVING ADJUSTABLE PROGRESSIVE AWARDS**
[54] **SYSTEMES, PROCEDES ET MACHINES DE JEU AYANT DES RECOMPENSES PROGRESSIVES REGLABLES**
[72] CZUBAK, ROMAN, AT
[71] NOVOMATIC AG, AT
[85] 2019-02-07
[86] 2017-08-21 (PCT/IB2017/001155)
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[54] **SLIP MONITOR AND CONTROL**
[54] **SURVEILLANCE ET COMMANDE DE COINS**
[72] ZOUHAIR, AICAM, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2019-02-07
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[54] **RETROFIT LED LIGHT PANEL**
[54] **PANNEAU LUMINEUX A LED DE RATTRAPAGE**
[72] BLAIR, GEORGE R., US
[72] BLAIR, JEFF R., US
[72] DOCHERTY, JAMES, US
[72] NOON, BRENT R., US
[71] THE LED SOURCE, INC., US
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[25] EN
[54] **DOUBLE SAFETY DEVICE FOR QUICK COUPLER**
[54] **DISPOSITIF A SECURITE INTEGREE POUR RACCORD RAPIDE**
[72] JO, YOUNG HUM, KR
[71] DAEMO ENGINEERING CO., LTD., KR
[85] 2019-02-07
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[54] **AUTOMATICALLY DETECTING OUTLIER VALUES IN HARVESTED DATA**
[54] **DETECTION AUTOMATIQUE DE VALEURS ABERRANTES DANS DES DONNEES RECOLTEES**
[72] LI, YIQUN, US
[72] GERARD, JEFFREY, US
[71] THE CLIMATE CORPORATION, US
[85] 2019-02-07
[86] 2017-06-27 (PCT/US2017/039468)
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[54] **CORE NETWORK AND BASE STATION**
[54] **RESEAU CENTRAL ET STATION DE BASE**
[72] HAPSARI, WURI ANDARMAWANTI, JP
[72] UCHINO, TOORU, JP
[72] TAKAHASHI, HIDEAKI, JP
[72] MATSUKAWA, RYUSUKE, JP
[71] NTT DOCOMO, INC., JP
[85] 2019-02-07
[86] 2017-08-14 (PCT/JP2017/029324)
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[54] **CLOSED-LOOP CONTROL OF SWING**
[54] **COMMANDE EN BOUCLE FERMEE DE L'OSCILLATION**
[72] VONDERWELL, MARK P., US
[72] SEEGER, DOUGLAS W., US
[72] WILLIAMSON, CHRISTOPHER A., US
[71] CATERPILLAR INC., US
[85] 2019-02-07
[86] 2017-07-25 (PCT/US2017/043606)
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[25] EN
[54] **MAGNETIC FIELD CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE CHAMP MAGNETIQUE**
[72] JANG, GUNHEE, KR
[72] NAM, JAEKWANG, KR
[72] LEE, WONSEO, KR
[72] JANG, BONGJUN, KR
[71] IUCF-HYU(INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY), KR
[85] 2019-02-07
[86] 2017-04-14 (PCT/KR2017/004070)
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[30] KR (10-2016-0101756) 2016-08-10
[30] KR (10-2016-0120698) 2016-09-21
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[51] **Int.Cl. H01L 39/24 (2006.01) H01L 39/22 (2006.01)**
[25] EN
[54] **SUPERCONDUCTOR DEVICE INTERCONNECT STRUCTURE**
[54] **STRUCTURE D'INTERCONNEXION DE DISPOSITIF SUPRACONDUCTEUR**
[72] KIRBY, CHRISTOPHER F., US
[72] RENNIE, MICHAEL, US
[72] O'DONNELL, DANIEL J., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2019-02-07
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[25] EN
[54] **AUTOMATIC PLACEMENT OF A VIRTUAL OBJECT IN A THREE-DIMENSIONAL SPACE**
[54] **PLACEMENT AUTOMATIQUE D'UN OBJET VIRTUEL DANS UN ESPACE TRIDIMENSIONNEL**
[72] HOOVE, PAUL ARMISTEAD, US
[72] MANN, JONATHAN LAWRENCE, US
[71] MAGIC LEAP, INC., US
[85] 2019-02-07
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[54] **SIGNALING METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL DE SIGNALISATION**
[72] EYER, MARK, US
[72] FAY, LUKE, US
[71] SONY CORPORATION, JP
[85] 2019-02-07
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[25] EN
[54] **SYSTEM AND METHOD FOR MICROFLUIDIC PARAHYDROGEN INDUCED POLARIZATION HYPERPOLARIZER FOR MAGNETIC RESONANCE IMAGING (MRI) AND NUCLEAR MAGNETIC RESONANCE (NMR) APPLICATIONS**
[54] **SYSTEME ET PROCEDE POUR DISPOSITIF D'HYPERPOLARISATION A POLARISATION INDUITE PAR PARAHYDROGENE MICROFLUIDIQUE POUR DES APPLICATIONS D'IMAGERIE PAR RESONANCE MAGNETIQUE (IRM) ET DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN)**
[72] ALSOP, DAVID, US
[72] GRANT, AARON, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **MAGNETIC PULSE ACTUATION ARRANGEMENT FOR DOWNHOLE TOOLS AND METHOD**
[54] **AGENCEMENT D'ACTIONNEMENT A IMPULSIONS MAGNETIQUES POUR OUTILS DE FOND DE TROU ET PROCEDE**
[72] PRIETO, CARLOS, US
[72] HERN, CHRISTOPHER RYAN, US
[72] EWING, DANIEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-02-07
[86] 2017-08-10 (PCT/US2017/046298)
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[30] US (62/374,150) 2016-08-12
[30] US (62/423,619) 2016-11-17

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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **LOW PROFILE REMOTE TRIGGER FOR HYDROSTATICALLY SET BOREHOLE TOOLS**
[54] **DECLENCHEUR A DISTANCE A TAILLE REDUITE POUR OUTILS DE FORAGE A REGLAGE HYDROSTATIQUE**
[72] O'CONNOR, KEVEN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-02-07
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[51] **Int.Cl. H04N 21/433 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING ADAPTIVE SCHEDULING OF MEDIA ASSET RECORDINGS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER UNE PROGRAMMATION ADAPTATIVE D'ENREGISTREMENTS DE CONTENUS MULTIMEDIA**
[72] GUPTA, AJAY KUMAR, US
[72] PULIKUNTA, SAI RAHUL REDDY, US
[71] ROVI GUIDES, INC., US
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[54] **SEPARATEUR VORTEX TOURBILLONNAIRE EN LIGNE**
[72] BRATTON, RODNEY ALLAN, CA
[71] BRATTON, RODNEY ALLAN, CA
[85] 2019-02-07
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[54] **NOUVELLES COMPOSITIONS ET PROCEDES D'ELIMINATION DE CERUMEN**
[72] GRIFFIN, JOE, US
[72] ANDERSON, ERIC, US
[71] EOSERA INC., US
[85] 2019-02-07
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[30] US (62/374,888) 2016-08-14

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[54] **MALLETTE DE VOYAGE POUVANT SURVIVRE**
[72] BARRON, JACK, US
[71] BARRON, JACK, US
[85] 2019-02-07
[86] 2017-07-28 (PCT/US2017/044392)
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[30] US (62/355,455) 2016-06-28
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[54] **MATERIAUX A MEMOIRE DE FORME POUR STRUCTURES D'AME ET PROCEDES DE REPARATION DE STRUCTURES D'AME**
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[71] BAUER HOCKEY LTD., US
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[72] LIEBERMAN, ISADOR HARRY, US
[72] DAGAN, ADI, IL
[72] FLEISCHMANN, YORAM, IL
[71] AGADA MEDICAL LTD., IL
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[54] **SYSTEMES ET METHODES D'ABLATION EPITHELIAL A LA VAPEUR.**
[72] LOGAN, BENJAMIN, US
[72] MEHTA-HURT, DEEPALI, US
[72] CHERNYAK, DIMITRI, US
[71] AMO DEVELOPMENT, LLC, US
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[71] SONY CORPORATION, JP
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[54] **HUILE DE COLZA DE SPECIALITE A FAIBLE TENEUR EN COMPOSES SATURES**
[72] FLETCHER, RICHARD, US
[71] CARGILL, INCORPORATED, US
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[71] CROSSTEX INTERNATIONAL, INC., US
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[54] **MODULATION DE FREQUENCE D'UN OUTIL A IMPULSION DE PRESSION MAGNETIQUE**
[72] PRIETO, CARLOS, US
[72] FREEMAN, JAMES JOSEPH, US
[72] EWING, DANIEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **SYSTEMES ET PROCEDES DE STOCKAGE D'UN FICHIER DE CONTENU MULTIMEDIA POUR TRANSMISSION A PARTIR D'UNE SOURCE DIFFERENTE**
[72] ROSQVIST, SEAN WILLIAM, US
[71] ROVI GUIDES, INC., US
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[54] **N□UD DE COMMUNICATION A DOUBLE TRANSDUCTEUR POUR RESEAUX SANS FIL ACOUSTIQUES DE FOND DE TROU ET PROCEDE UTILISANT CE DERNIER**
[72] SONG, LIMIN, US
[72] ZHANG, YIBING, US
[72] WALKER, KATIE M., US
[72] WOLF, HENRY ALAN, US
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[72] HAUSER, STEVEN L., US
[71] SANOFI PASTEUR, INC., US
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[54] **COMPOSES ET METHODES POUR TRAITER LA MALADIE.**
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[72] SHIFRIN, DAVID, US
[71] SULFILATEC, INC., US
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[54] **COMPOSITIONS COMPRENANT DES BIO-POLYMERES ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] ZHANG, ZHAODUO, US
[72] KOHR, WILLIAM J., US
[71] GEO FOSSIL FUELS, LLC, US
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[54] **CONVERTISSEUR DE COURANT HAUTE FREQUENCE HAUTE TENSION**
[72] JACOBSON, BORIS S., US
[72] HOLMANSKY, EVGENY N., US
[72] VOLFSON, LEV, US
[71] RAYTHEON COMPANY, US
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[54] **OLIGONUCLEOTIDES CONJUGUES**
[72] KHVOROVA, ANASTASIA, US
[72] NIKAN, MEHRAN, US
[72] HASSLER, MATTHEW, US
[72] OSBORN, MAIRE, US
[72] HARASZTI, REKA, US
[72] COLES, ANDREW, US
[72] TURANOV, ANTON, US
[72] ARONIN, NEIL, US
[72] BISCANS, ANNABELLE, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **GLUCOSYLTRANSFERASES MODIFIEES**
[72] LI, YOUGEN, US
[72] HENNESSEY, SUSAN MARIE, US
[72] KRALJ, SLAVKO, US
[72] PAYNE, MARK S., US
[72] ALKAN, VELI, US
[72] CHENG, QIONG, US
[72] DICOSIMO, ROBERT, US
[72] SEMKE, ELLEN D., US
[72] PARKER, JARED B., US
[72] BOTT, RICHARD R., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ENTITES CHIMIQUES, COMPOSITIONS ET METHODES PARTICULIERES**
[72] QIAN, XIANGPING, US
[72] ZHU, YONG-LIANG, US
[71] NEUPHARMA, INC., US
[85] 2019-02-07
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[54] **CONTAINER HAVING AN ACCESS DOOR LATCHING SYSTEM**
[54] **CONTENEUR COMPORTANT UN SYSTEME DE VERROUILLAGE DE PORTE D'ACCES**
[72] WILCOX, DONALD E., US
[72] ARENA, CHARLES S., US
[71] ARENA PACKAGING, LLC, US
[85] 2019-02-07
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[54] **METHODS AND COMPOSITIONS FOR SHORT STATURE PLANTS THROUGH MANIPULATION OF GIBBERELLIN METABOLISM TO INCREASE HARVESTABLE YIELD**
[54] **PROCEDES ET COMPOSITIONS POUR PLANTES DE PETITE TAILLE PAR LE BIAIS DE LA MANIPULATION DU METABOLISME DE LA GIBBERELLINE EN VUE D'AUGMENTER LE RENDEMENT DES RECOLTES**
[72] ALLEN, EDWARDS M., US
[72] BODDU, JAYANAND, US
[72] DIETRICH, CHARLES R., US
[72] GOLDSHMIDT, ALEXANDER, US
[72] HOWELL, MIYA, US
[72] KOSOLA, KEVIN R., US
[72] MANJUNATH, SIVALINGANNA, US
[72] NEELAM, ANIL, US
[72] RYMARQUIS, LINDA, US
[72] SLEWINSKI, THOMAS L., US
[72] VENKATESH, TYAMAGONDLU V., US
[72] WANG, HUAI, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **SYSTEMES DE CAPTEURS MOLECULAIRES**
[72] SPOONAMORE, JAMES E., US
[72] TAYLOR, NOAH D., US
[72] ADOLFSEN, KRISTIN J., US
[72] DUNN, MATTHEW R., US
[72] WAPINSKI, ILAN N., US
[72] KONIECZKA, JAY H., US
[71] ENEVOLV, INC., US
[85] 2019-02-07
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING MICROPERFORATED PATCHES AND LABELS APPLICABLE TO MODIFIED ATMOSPHERE PACKAGING**
[54] **APPAREIL ET PROCEDE DE PRODUCTION DE PIECES ET D'ETIQUETTES MICRO-PERFOREES APPLICABLES A L'EMBALLAGE SOUS ATMOSPHERE MODIFIEE**
[72] VARRIANO-MARSTON, ELIZABETH, US
[71] MARSTONMAP, LLC, US
[85] 2019-02-07
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[54] **PRODUCT DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION DE PRODUITS**
[72] VAZ-POCAS, DANIEL, US
[72] STOLARZ, CHRISTIAN, US
[71] PEPSICO, INC., US
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[54] **SYSTEME DE TRANSFERT DE MEDICAMENT SECURISE**
[72] ALSBERG, KEITH DANIEL, US
[72] DEMARIA, CHRISTOPHER JOHN, US
[72] MICKLASH, KENNETH JAMES, II, US
[72] PAULSEN, GARY HARLAN, US
[71] ELI LILLY AND COMPANY, US
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[72] MERZEAU, JULIEN D., FR
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **CONNECTEUR ELECTRIQUE**
[72] SCHNEIDER, RICHARD, US
[71] INTERPLEX INDUSTRIES, INC., US
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[54] **METHOD FOR GENERATING MESODERM AND/OR ENDOTHELIAL COLONY FORMING CELL-LIKE CELLS HAVING IN VIVO BLOOD VESSEL FORMING CAPACITY**
[54] **PROCEDE DE GENERATION DE CELLULES MESODERMIQUES ET/OU DE CELLULES DE TYPE CELLULES DE FORMATION DE COLONIES ENDOTHELIALES PRESENTANT UNE CAPACITE DE FORMATION DE VAISSEAUX SANGUINS IN VIVO**
[72] YODER, MERVIN C., US
[72] PRASAIN, NUTAN, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **DISPOSITIF D'IMPRESSION D'UN ARTICLE COSMETIQUE TRIDIMENSIONNEL A PARTIR D'UN MATERIAU DE CONSTRUCTION COMPRENANT UNE FORMULE COSMETIQUE**
[72] GRAY, TIMOTHY PATRICK, US
[72] COHEN, ISAAC DAVID, US
[72] MARTINS, AGOSTINHO, US
[72] VICTOR, BRUCE LAURENCE, US
[72] CURTISS, CHARLES AARON, US
[72] PAPPAS, MADALYN ELLICE, US
[71] ELC MANAGEMENT LLC, US
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[54] **FLEXIBLE OPTICAL FIBER RIBBON WITH INTERMITTENTLY BONDED POLYMER LAYERS**
[54] **RUBAN DE FIBRES OPTIQUES SOUPLE AVEC COUCHES POLYMERES A LIAISON INTERMITTENTE**
[72] CHIASSON, DAVID WESLEY, CA
[72] NAYAK, BARADA KANTA, US
[72] CHALK, JULIE ANN, US
[72] SISTARE, REBECCA ELIZABETH, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **VALIDATION D'AUTORISATION DANS UN DISPOSITIF SANS FIL, ET RESEAU SANS FIL**
[72] BABAEI, ALIREZA, US
[72] DINAN, ESMAEL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **MODIFIED HOT-DIP GALVANIZE COATINGS WITH LOW LIQUIDUS TEMPERATURE, METHODS OF MAKING AND USING THE SAME**
[54] **REVETEMENTS MODIFIES DE GALVANISATION PAR IMMERSION A CHAUD PRESENTANT UNE BASSE TEMPERATURE DE LIQUIDUS, PROCEDES POUR LEUR FABRICATION ET LEUR UTILISATION**
[72] SPEER, JOHN, US
[72] ZHAO, LIJIA, US
[71] SPEER, JOHN, US
[71] ZHAO, LIJIA, US
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[54] **METHOD AND APPARATUS FOR ENHANCING THE MATURATION RATE OF AN ARTERIOVENOUS FISTULA**
[54] **PROCEDE ET APPAREIL POUR AMELIORER LE TAUX DE MATURATION D'UNE FISTULE ARTERIOVEINEUSE**
[72] DO, HIEP, US
[71] C.R. BARD, INC., US
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[54] **CEILING SYSTEM AND MOUNTING BRACKET FOR USE WITH THE SAME**
[54] **SYSTEME DE PLAFOND ET SUPPORT DE MONTAGE DESTINE A ETRE UTILISE AVEC CELUI-CI**
[72] BERGMAN, TODD M., US
[72] HARNISH, SCOTT D., US
[72] HANUSCHAK, RYAN D., US
[72] VAN DORE, JONATHAN P., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[54] **ENGINEERED SIC-SIC COMPOSITE AND MONOLITHIC SIC LAYERED STRUCTURES**
[54] **COMPOSITE SIC-SIC MODIFIE ET STRUCTURES EN COUCHES MONOLITHIQUES A BASE DE SIC**
[72] DECK, CHRISTIAN PETER, US
[72] ZHANG, JIPING, US
[72] BACK, CHRISTINA, US
[72] SHEEDER, JONATHAN DAVID, US
[71] GENERAL ATOMICS, US
[85] 2019-02-07
[86] 2017-08-08 (PCT/US2017/045990)
[87] (WO2018/031596)
[30] US (62/372,239) 2016-08-08

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[51] **Int.Cl. E04B 2/82 (2006.01) B29C 65/00 (2006.01) E04B 2/74 (2006.01)**
[25] EN
[54] **WALL SEAL**
[54] **JOINT D'ETANCHEITE MURAL**
[72] GOSLING, GEOFF, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[85] 2019-02-07
[86] 2018-05-30 (PCT/US2018/035145)
[87] (WO2019/013896)
[30] US (62/531,753) 2017-07-12

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 47/00 (2012.01) G01V 1/48 (2006.01)**
[25] EN
[54] **MACHINE LEARNING TRAINING SET GENERATION**
[54] **GENERATION D'UN ENSEMBLE DE FORMATION A L'APPRENTISSAGE MACHINE**
[72] AGRAWI, AHMED ADNAN, NO
[72] SALMAN, NADER, NO
[72] VAN DER HOFF, GUIDO JOHANNES, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-02-07
[86] 2016-09-09 (PCT/US2016/050845)
[87] (WO2018/031051)
[30] US (62/372,115) 2016-08-08

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[51] **Int.Cl. G01N 15/10 (2006.01) B81B 7/02 (2006.01) G01F 22/00 (2006.01) G01P 5/08 (2006.01)**
[25] EN
[54] **MULTIPLEXED DROPLET ACTUATION AND SENSING IN DIGITAL MICROFLUIDICS**
[54] **DETECTION ET DECLENCHEMENT DE GOUTTELETTES MULTIPLEXEES DANS DES DISPOSITIFS MICROFLUIDIQUES NUMERIQUES**
[72] FOBEL, RYAN, CA
[72] FOBEL, CHRISTIAN, CA
[72] WHEELER, AARON R., CA
[71] SCI-BOTS INC., CA
[85] 2019-02-07
[86] 2017-08-17 (PCT/CA2017/050975)
[87] (WO2018/035602)
[30] US (62/377,805) 2016-08-22

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/64 (2013.01)**
[25] EN
[54] **EMAIL VERIFICATION METHOD**
[54] **PROCEDE DE VERIFICATION DE COURRIER ELECTRONIQUE**
[72] MACHET, JEREMY, AU
[71] MACHET, JEREMY, AU
[85] 2019-02-08
[86] 2017-08-10 (PCT/AU2017/050846)
[87] (WO2018/032041)
[30] AU (2016903205) 2016-08-14

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[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01)**
[25] EN
[54] **METABOLITE PRODUCTION IN ENDOPHYTES**
[54] **PRODUCTION DE METABOLITES DANS DES ENDOPHYTES**
[72] SPANGENBERG, GERMAN CARLOS, AU
[72] GUTHRIDGE, KATHRYN MICHAELA, AU
[72] MANN, ROSS, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[72] DAVIDSON, SOPHIE ELIZABETH, AU
[72] VASSILIADIS, SIMONE, AU
[72] HETTIARACHCHIGE, INOKA KUMARI, AU
[72] ROCHFORT, SIMONE JANE, AU
[72] LUDLOW, EMMA JANE ISOBEL, AU
[72] BROHIER, NATASHA DENISE, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
[85] 2019-02-08
[86] 2017-08-11 (PCT/AU2017/050847)
[87] (WO2018/027275)
[30] AU (2016903172) 2016-08-12

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 1/14 (2006.01)**
[25] EN
[54] **METHODS OF CHARACTERISING ENDOPHYTES**
[54] **PROCEDES DE CARACTERISATION D'ENDOPHYTES**
[72] SPANGENBERG, GERMAN CARLOS, AU
[72] GUTHRIDGE, KATHRYN MICHAELA, AU
[72] MANN, ROSS, AU
[72] SAWBRIDGE, TIMOTHY IVOR, AU
[72] EKANAYAKE, PIYUMI NIROSHINI, AU
[72] HETTIARACHCHIGE, INOKA KUMARI, AU
[72] BROHIER, NATASHA DENISE, AU
[72] ROCHFORT, SIMONE JANE, AU
[72] EDWARDS, JACQUELINE, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
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[86] 2017-08-11 (PCT/AU2017/050848)
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[30] AU (2016903175) 2016-08-12

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[51] **Int.Cl. B24B 37/22 (2012.01) B24D 3/00 (2006.01) B24D 3/28 (2006.01) B24D 7/04 (2006.01) B24D 11/02 (2006.01)**
[25] EN
[54] **ROUGHING DISC HAVING A CARRIER LAYER**
[54] **MEULE DE DEGROSSISSAGE COMPRENANT UNE COUCHE DE SUPPORT**
[72] KAMPS, THOMAS, DE
[72] CONRADI, BERND, DE
[71] KLINGSPOR AG, DE
[85] 2019-02-08
[86] 2017-05-31 (PCT/EP2017/063090)
[87] (WO2018/028849)
[30] DE (10 2016 114 851.2) 2016-08-10

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[25] EN
[54] **METHODS FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (ALS)**
[54] **PROCEDES DE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE (SLA)**
[72] ARICHA, REVITAL, IL
[72] GOTHELF, YAEL, IL
[72] ABRAMOV, NATALIE, IL
[72] KASPI, HAGGAI, IL
[71] BRAINSTORM CELL THERAPEUTICS LTD, IL
[85] 2019-01-15
[86] 2017-07-13 (PCT/IL2017/050801)
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[51] **Int.Cl. H01F 27/28 (2006.01) H01B 7/30 (2006.01) H01B 9/02 (2006.01) H01F 27/36 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE CABLE FOR A WINDING AND ELECTROMAGNETIC INDUCTION DEVICE COMPRISING THE SAME**
[54] **CABLE HAUTE TENSION POUR ENROULEMENT ET DISPOSITIF D'INDUCTION ELECTROMAGNETIQUE LE COMPRENANT**
[72] ERIKSSON, GORAN, SE
[72] PRADHAN, MANOJ, SE
[72] WASS, TORBJORN, SE
[71] ABB SCHWEIZ AG, CH
[85] 2019-02-08
[86] 2017-06-28 (PCT/EP2017/065992)
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[30] EP (16183290.2) 2016-08-09

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[51] **Int.Cl. A63B 37/02 (2006.01)**
[25] EN
[54] **SMART BALL, LOCATOR SYSTEM AND METHOD THEREFOR**
[54] **BALLE INTELLIGENTE, SYSTEME DE LOCALISATION ET PROCEDE ASSOCIE**
[72] TATTERSFIELD, BENJAMIN LUKE, AU
[71] JETSON I.P. PTY LTD, AU
[85] 2019-02-08
[86] 2017-08-11 (PCT/AU2017/050853)
[87] (WO2018/027280)
[30] US (62/373,390) 2016-08-11

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[51] **Int.Cl. C08L 97/00 (2006.01) C08J 3/20 (2006.01) C08L 23/06 (2006.01) C08L 23/12 (2006.01) C09K 15/34 (2006.01)**
[25] EN
[54] **POLYMERIC OLEFINIC COMPOSITION, LIGNIN USE AND OBJECT**
[54] **COMPOSITION POLYMERE OLEFINIQUE, UTILISATION DE LIGNINE ET OBJET**
[72] TORREZAN, TALYTA, BR
[72] FINOCCHIO, HENRIQUE, BR
[71] SUZANO PAPEL E CELULOSE S.A., BR
[85] 2019-02-08
[86] 2017-08-17 (PCT/BR2017/050232)
[87] (WO2018/032079)
[30] BR (BR 10 2016 019278-1) 2016-08-19

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[13] A1
[51] **Int.Cl. F16B 12/26 (2006.01)**
[25] EN
[54] **SPRING DEVICE AND CONNECTING DEVICE**
[54] **DISPOSITIF A RESSORT ET DISPOSITIF DE LIAISON**
[72] BAUR, FRANZ, DE
[72] HASER, FRANZ JOSEF, DE
[72] JEKER, PATRICK, CH
[72] SEILER, PHILIPP, CH
[71] BAUR, FRANZ, DE
[71] HASER, FRANZ JOSEF, DE
[71] LAMELLO AG, CH
[85] 2019-02-08
[86] 2017-07-10 (PCT/EP2017/067311)
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[30] DE (10 2016 215 037.5) 2016-08-11

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[51] **Int.Cl. G09B 19/20 (2006.01) G09B 5/00 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD, AND MATERIAL FOR ENCOURAGING STUDY OR MASTERY OF A FIBRE ART SKILL**
[54] **SYSTEME, PROCEDE ET MATERIAU D'ENCOURAGEMENT DE L'ETUDE OU DE LA MAITRISE DE L'APTITUDE DE LA TECHNIQUE DES FIBRES**
[72] SMITH, JANET ELAINE, CA
[72] CROSS, KAREN MARGARET, CA
[72] VERWEY, JOHN, CA
[71] SPINRITE INC., CA
[85] 2019-02-08
[86] 2017-08-10 (PCT/CA2017/000186)
[87] (WO2018/027296)
[30] US (62/373,679) 2016-08-11
[30] US (15/672,848) 2017-08-09

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[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/01 (2006.01) A61C 13/08 (2006.01) A61C 13/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PROSTHESIS OR PARTIAL PROSTHESIS**
[54] **PROCEDE POUR PRODUIRE UNE PROTHESE OU UNE PROTHESE PARTIELLE**
[72] FAUST, ALEXANDER, CH
[72] MUHMENTHALER, PHILIPP, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2019-02-08
[86] 2017-08-08 (PCT/EP2017/070001)
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[30] DE (10 2016 114 825.3) 2016-08-10

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[51] **Int.Cl. C08L 97/00 (2006.01) C08J 3/12 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **LIGNIN PELLETS AND PROCESS FOR PRODUCING SAME**
[54] **PASTILLES DE LIGNINE ET PROCEDE POUR LEUR PRODUCTION**
[72] TON-THAT, MINH-TAN, CA
[72] LI, HONGBO, CA
[72] PATENAUDE, ERIC, CA
[72] MARCOCCIA, BRUNO, US
[72] SANAEI, SHABNAM, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] DOMTAR PAPER COMPANY, LLC, US
[85] 2019-02-08
[86] 2017-08-23 (PCT/CA2017/000198)
[87] (WO2018/035598)
[30] US (62/378,306) 2016-08-23

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[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/01 (2006.01) A61C 13/08 (2006.01) A61C 13/087 (2006.01) A61C 13/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PROSTHESIS OR PARTIAL PROSTHESIS**
[54] **PROCEDE POUR LA PRODUCTION D'UNE PROTHESE OU D'UNE PROTHESE PARTIELLE**
[72] FAUST, ALEXANDER, CH
[72] MUHMENTHALER, PHILIPP, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2019-02-08
[86] 2017-08-08 (PCT/EP2017/070002)
[87] (WO2018/029164)
[30] DE (10 2016 114 825.3) 2016-08-10
[30] DE (10 2017 117 491.5) 2017-08-02

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[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING NANOSILICA PARTICLES AND THEIR USE IN METHODS OF ACTIVATING T LYMPHOCYTES FOR THERAPY**
[54] **COMPOSITIONS COMPRENANT DES PARTICULES DE NANOSILICE ET LEUR UTILISATION DANS DES METHODES D'ACTIVATION DE LYMPHOCYTES T EN VUE D'UNE THERAPIE**
[72] POWELL, JONATHAN JOSEPH, GB
[72] FARIA, NUNO JORGE RODRIGUES, GB
[72] HEWITT, RACHEL ELAINE, GB
[72] VIS, BRADLEY MICHAEL, GB
[72] BASTOS, CARLOS, GB
[71] UNITED KINGDOM RESEARCH AND INNOVATION, GB
[85] 2019-02-08
[86] 2017-08-09 (PCT/EP2017/070183)
[87] (WO2018/029247)
[30] GB (1613772.1) 2016-08-10
[30] GB (1701827.6) 2017-02-03

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/137 (2006.01) A61K 47/10 (2017.01) A61K 47/22 (2006.01)**
[25] EN
[54] **TAMPER RESISTANT FORMULATION OF EPHEDRINE AND ITS DERIVATIVES**
[54] **FORMULATION INVIOLABLE DE L'EPHEDRINE ET DE SES DERIVES.**
[72] STOMBERG, CARMEN, DE
[72] WENING, KLAUS, DE
[72] SCHWIER, SEBASTIAN, DE
[71] GRUNENTHAL GMBH, DE
[85] 2019-02-08
[86] 2017-08-11 (PCT/EP2017/070396)
[87] (WO2018/029327)
[30] EP (16183922.0) 2016-08-12
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[51] **Int.Cl. C12N 1/14 (2006.01) A23L 31/00 (2016.01) A23J 1/00 (2006.01)**
[25] EN
[54] **SINGLE CELL PROTEIN FROM THERMOPHILIC FUNGI**
[54] **PROTEINE UNICELLULAIRE ISSUE DE CHAMPIGNONS THERMOPHILES**
[72] DE LAAT, WILHELMUS THEODORUS ANTONIUS MARIA, NL
[72] GALLEGO MURILLIO, JOAN SEBASTIAN, NL
[71] WIM DE LAAT CONSULTANCY B.V., NL
[85] 2019-02-08
[86] 2017-08-11 (PCT/EP2017/070470)
[87] (WO2018/029353)
[30] NL (2017309) 2016-08-11

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[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **CONSTRAINT OF DITHERING OF SOURCE ACTUATIONS**
[54] **CONTRAINTE SUR LA SUPERPOSITION D'ACTIONNEMENTS DE SOURCE**
[72] BEITZ, MANUEL, US
[72] STRAND, CHRISTIAN, US
[72] BAARDMAN, ROLF HUIBERT, GB
[71] PGS GEOPHYSICAL AS, NO
[85] 2019-02-08
[86] 2017-08-17 (PCT/EP2017/070873)
[87] (WO2018/033602)
[30] US (62/376,048) 2016-08-17
[30] US (15/627,508) 2017-06-20

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[51] **Int.Cl. A01N 25/00 (2006.01) A01N 31/00 (2006.01)**
[25] EN
[54] **SOLID HERBICIDAL CONCENTRATE COMPOSITIONS**
[54] **COMPOSITIONS DE CONCENTRE HERBICIDE SOLIDES**
[72] DYSZLEWSKI, ANDREW D., US
[72] FRIEDMAN, TODD C., US
[72] LEE, PHILLIP K., US
[72] MACINNES, ALISON, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2019-02-07
[86] 2017-08-09 (PCT/US2017/046012)
[87] (WO2018/031610)
[30] US (62/372,586) 2016-08-09

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[51] **Int.Cl. H02J 1/10 (2006.01) H02J 13/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **WIDE RANGE POWER DISTRIBUTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE PUISSANCE A GAMME ETENDUE**
[72] ZHYHINAS, OLEH, CA
[72] IBRAHIM, BOLIS, CA
[72] WYSZYNSKI, KAMIL ALEKSANDER, CA
[71] ARGENTUM ELECTRONICS, INC., CA
[85] 2019-02-08
[86] 2017-02-17 (PCT/CA2017/050211)
[87] (WO2018/032091)
[30] IB (PCT/IB2016/054938) 2016-08-18
[30] CA (PCT/CA2016/051442) 2016-12-08

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[13] A1
[51] **Int.Cl. E04F 13/26 (2006.01)**
[25] EN
[54] **ADJUSTABLE PANEL MOUNT**
[54] **SUPPORT DE PANNEAU REGLABLE**
[72] MITROVIC, MILAN, CA
[71] MRAIL INC., CA
[85] 2019-02-08
[86] 2017-08-03 (PCT/CA2017/050927)
[87] (WO2018/027307)
[30] US (15/232,861) 2016-08-10

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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01) A61M 16/12 (2006.01) A61M 16/22 (2006.01) A61M 19/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR THE CLOSED-CIRCUIT ADMINISTRATION OF A GASEOUS MIXTURE TO A SPONTANEOUSLY BREATHING PATIENT, AND ASSOCIATED ADJUSTMENT EQUIPMENT**
[54] **DISPOSITIF MEDICAL D'ADMINISTRATION EN CIRCUIT FERME D'UN MELANGE GAZEUX A UN PATIENT RESPIRANT SPONTANEMENT ET SYSTEME DE REGLAGE ASSOCIE**
[72] DAVID, HELENE, CA
[71] MONATOMICS TECHNOLOGY, FR
[85] 2019-02-08
[86] 2016-08-25 (PCT/FR2016/052117)
[87] (WO2018/037166)

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[13] A1
[51] **Int.Cl. B63B 25/14 (2006.01) B63B 25/00 (2006.01) B63B 25/24 (2006.01) B63B 35/00 (2006.01) F17C 1/00 (2006.01) F17C 5/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR GAS STORAGE AND TRANSPORT**
[54] **APPAREIL DE STOCKAGE ET DE TRANSPORT DE GAZ**
[72] FITZPATRICK, PATRICK JOHN, CA
[71] GEV TECHNOLOGIES PTY. LTD, AU
[85] 2019-02-08
[86] 2017-08-03 (PCT/CA2017/050928)
[87] (WO2018/027308)
[30] US (62/374,488) 2016-08-12

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/00 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01)**
[25] FR
[54] **USE OF AN INHIBITOR OF THE DE NOVO SYNTHESIS OF PURINES, IN THE TREATMENT OF ADENYLOSUCCINATE LYASE DEFICIENCY**
[54] **UTILISATION D'UN INHIBITEUR DE LA SYNTHESE DE NOVO DES PURINES, DANS LE TRAITEMENT DU DEFICIT EN ADENYLOSUCCINATE LYASE**
[72] CEBALLOS-PICOT, IRENE, FR
[72] ROBEL, LAURENCE, FR
[72] DE LONLAY, PASCALE, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (AP-HP), FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] IHU IMAGINE, FR
[85] 2019-02-08
[86] 2017-08-08 (PCT/FR2017/052213)
[87] (WO2018/029430)
[30] FR (1657690) 2016-08-10

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[13] A1
[51] **Int.Cl. G01N 21/65 (2006.01)**
[25] EN
[54] **RECONFIGURABLE SURFACE ENHANCED RAMAN SPECTROSCOPY DEVICE AND METHOD THEREFOR**
[54] **DISPOSITIF DE SPECTROSCOPIE RAMAN EXALTEE DE SURFACE RECONFIGURABLE ET PROCEDE ASSOCIE**
[72] DIES, HANNAH, CA
[72] DOCOSLIS, ARISTIDES, CA
[72] ESCOBEDO, CARLOS, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2019-02-08
[86] 2017-08-04 (PCT/CA2017/050931)
[87] (WO2018/027309)
[30] US (62/373,537) 2016-08-11

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[13] A1
[51] **Int.Cl. A23L 5/44 (2016.01) A23L 5/43 (2016.01) A23L 23/00 (2016.01)**
[25] EN
[54] **WATER-DISPERSIBLE COLORING COMPOSITION**
[54] **COMPOSITION COLORANTE DISPERSIBLE DANS L'EAU**
[72] FRECKER, SUSAN, US
[72] KOEHLER, KLAUS, DK
[72] NAUD, JULIETTE, DK
[71] CHR. HANSEN NATURAL COLORS A/S, DK
[85] 2019-02-08
[86] 2017-08-25 (PCT/EP2017/071414)
[87] (WO2018/041730)
[30] EP (16186482.2) 2016-08-31

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **RESOURCE SELECTION METHOD, APPARATUS, AND DEVICE**
[54] **PROCEDE, DISPOSITIF ET EQUIPEMENT DE SELECTION DE RESSOURCE**
[72] CAI, YU, CN
[72] ZENG, YONGBO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-02-08
[86] 2016-08-12 (PCT/CN2016/095054)
[87] (WO2018/027991)

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[13] A1
[51] **Int.Cl. D21C 11/00 (2006.01) D21C 11/10 (2006.01) D21C 11/12 (2006.01) D21H 11/10 (2006.01) D21H 11/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TREATING SPENT PULPING LIQUOR**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'EFFLUENT DE PAPETERIE USAGE**
[72] ARKELL, ANDERS, SE
[71] SUNCARBON AB, SE
[85] 2019-02-08
[86] 2017-09-05 (PCT/EP2017/072204)
[87] (WO2018/046482)
[30] SE (1651205-5) 2016-09-08

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[13] A1
[51] **Int.Cl. H05B 6/64 (2006.01) H05B 6/68 (2006.01) H05B 6/70 (2006.01)**
[25] EN
[54] **METHOD FOR COOKING FOOD IN A SOLID STATE MICROWAVE OVEN**
[54] **PROCEDE DE CUISSON D'ALIMENTS DANS UN FOUR A MICRO-ONDES A SEMI-CONDUCTEURS**
[72] ERLE, ULRICH JOHANNES, US
[72] DHAWAN, SUMEET, US
[71] NESTEC S.A., CH
[85] 2019-02-08
[86] 2017-10-19 (PCT/EP2017/076761)
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[51] **Int.Cl. C07C 49/786 (2006.01) C09D 145/00 (2006.01)**
[25] EN
[54] **BENZOPHENONE DERIVATIVE, AQUEOUS COPOLYMER DISPERSION AND AQUEOUS COATING COMPOSITION**
[54] **DERIVE DE BENZOPHENONE, DISPERSION AQUEUSE DE COPOLYMERE ET COMPOSITION AQUEUSE DE REVETEMENT**
[72] WANG, YUJIANG, CN
[72] LIU, HUI, CN
[72] WANG, CAIFENG, CN
[72] XU, JIANMING, CN
[72] LI, LING, CN
[72] MAURICE, ALVIN MICHAEL, US
[72] CHEN, HONGYU, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2019-02-08
[86] 2016-08-17 (PCT/CN2016/095677)
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[51] **Int.Cl. A23D 9/00 (2006.01) A23L 23/10 (2016.01) A23L 27/26 (2016.01) A23D 9/05 (2006.01)**
[25] EN
[54] **HIGH MELTING POINT CHICKEN FAT**
[54] **MATIERES GRASSES DE POULET A POINT DE FUSION ELEVE**
[72] PERDANA, JIMMY, DE
[72] KAUR, PRABHJOT, DE
[72] BULLING, KATHARINA, DE
[72] MARAZZATO, MICHELE, CH
[72] KIM, YOUNGBIN, DE
[72] KJOLBY, CHRISTIAN, CH
[72] SAGALOWICZ, LAURENT, CH
[71] NESTEC S.A., CH
[85] 2019-02-08
[86] 2017-10-20 (PCT/EP2017/076837)
[87] (WO2018/077742)
[30] EP (16196498.6) 2016-10-31

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[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **BASE STATION, USER EQUIPMENT AND WIRELESS COMMUNICATION METHOD**
[54] **STATION DE BASE, EQUIPEMENT UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] WANG, LILEI, CN
[72] SUZUKI, HIDETOSHI, JP
[72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2019-02-08
[86] 2016-11-03 (PCT/CN2016/104448)
[87] (WO2018/081976)

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/275 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **CRYSTAL FORMS AND SALT FORMS OF 7H-PYRROLO[2,3-D]PYRIMIDINE COMPOUNDS AND PREPARATION METHOD THEREOF**
[54] **FORME CRISTALLINE ET FORME SALINE DU COMPOSE 7H-PYRROLO [2,3-D] PYRIMIDINE ET SON PROCEDE DE PREPARATION**
[72] MAO, WEIWEI, CN
[72] WU, HAO, CN
[72] GUO, QIANG, CN
[72] ZHENG, XUEJIAN, CN
[72] LIAO, YONGGANG, CN
[71] WUXI FORTUNE PHARMACEUTICAL CO., LTD, CN
[85] 2019-02-08
[86] 2017-11-23 (PCT/CN2017/112493)
[87] (WO2018/095345)
[30] CN (201611046683.X) 2016-11-23

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[13] A1
[51] **Int.Cl. B66B 11/00 (2006.01)**
[25] EN
[54] **CONVEYING SYSTEM FOR REPOSITORIES**
[54] **SYSTEME DE TRANSPORT POUR STOCKAGE DEFINITIF**
[72] SCHUBERT, WOLFGANG, DE
[72] FRANK, CARSTEN, DE
[72] FLENDER, MICHAEL, DE
[72] KOCH, ANDREAS, DE
[71] SIEMAG TECBERG GMBH, DE
[85] 2019-02-08
[86] 2017-11-29 (PCT/EP2017/080833)
[87] (WO2018/099979)
[30] DE (10 2016 123 376.5) 2016-12-02

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **METHOD FOR ENCODING MULTI-CHANNEL SIGNAL AND ENCODER**
[54] **PROCEDE DE CODAGE DE SIGNAL MULTICANAL ET CODEUR**
[72] LI, HAITING, CN
[72] LIU, ZEXIN, CN
[72] ZHANG, XINGTAO, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-02-08
[86] 2017-02-22 (PCT/CN2017/074425)
[87] (WO2018/028171)
[30] CN (201610652507.4) 2016-08-10

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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **THIENOPYRIMIDINE COMPOUND, PREPARATION METHOD THEREOF, PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF**
[54] **COMPOSE THIENOPYRIMIDINE, SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE ET APPLICATIONS ASSOCIEES**
[72] DENG, XIANMING, CN
[72] ZHANG, BAODING, CN
[72] LIU, SHUANG, CN
[72] DONG, CHAO, CN
[72] SUN, XIHUAN, CN
[72] HUANG, XIAOXING, CN
[72] DENG, ZHOU, CN
[72] LI, YUNZHAN, CN
[72] LU, YUE, CN
[72] LI, LI, CN
[72] HU, ZHIYU, CN
[71] HONGYUN BIOTECH CO., LTD., CN
[85] 2019-02-08
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[51] **Int.Cl. C07D 213/42 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/44 (2006.01) A61K 31/4406 (2006.01) A61K 31/444 (2006.01) A61K 31/4965 (2006.01) A61K 31/497 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61K 31/5383 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 213/65 (2006.01) C07D 213/68 (2006.01) C07D 213/73 (2006.01) C07D 213/75 (2006.01) C07D 239/20 (2006.01) C07D 239/42 (2006.01) C07D 241/12 (2006.01) C07D 241/20 (2006.01) C07D 253/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] FUJIMOTO, JUN, JP
[72] LIU, XIN, CN
[72] KURASAWA, OSAMU, JP
[72] TAKAGI, TERUFUMI, JP
[72] CARY, DOUGLAS ROBERT, JP
[72] BANNO, HIROSHI, JP
[72] ASANO, YASUTOMI, JP
[72] KOJIMA, TAKUTO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2019-02-08
[86] 2017-08-09 (PCT/JP2017/028928)
[87] (WO2018/030466)
[30] JP (2016-158038) 2016-08-10
[30] JP (2017-016275) 2017-01-31

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[13] A1
[51] **Int.Cl. H01L 21/336 (2006.01) H01L 29/78 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR DEVICE**
[54] **DISPOSITIF A SEMI-CONDUCTEURS**
[72] TANAKA, RYOTA, JP
[72] HAYASHI, TETSUYA, JP
[72] NI, WEI, JP
[72] HAYAMI, YASUAKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-02-08
[86] 2016-08-10 (PCT/JP2016/073525)
[87] (WO2018/029796)

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[13] A1
[51] **Int.Cl. B60W 40/09 (2012.01) B60K 31/00 (2006.01) B60W 30/10 (2006.01) B60W 30/14 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE FOR AUTOMATIC DRIVING VEHICLE**
[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE POUR VEHICULE A CONDUITE AUTOMATIQUE**
[72] JANG, HWASEON, JP
[72] SUNDA, TAKASHI, JP
[72] HIRAMATSU, MACHIKO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-02-08
[86] 2016-08-09 (PCT/JP2016/073471)
[87] (WO2018/029789)

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[51] **Int.Cl. A47C 1/08 (2006.01) A61B 90/60 (2016.01) A47C 3/30 (2006.01)**
[25] EN
[54] **NEW ERGONOMIC WORKSTATION WITH ASSISTED MOVEMENT FOR HAIRDRESSERS**
[54] **NOUVEAU POSTE DE TRAVAIL ERGONOMIQUE AVEC UNE ASSISTANCE AU MOUVEMENT POUR DES COIFFEURS**
[72] PERALES BOTIA, JAVIER, ES
[71] SPIN INTERNATIONAL, SLU, AD
[85] 2019-02-08
[86] 2017-08-08 (PCT/ES2017/070571)
[87] (WO2018/029390)
[30] ES (P201631091) 2016-08-10

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[51] **Int.Cl. H04W 36/14 (2009.01) H04W 92/04 (2009.01)**
[25] EN
[54] **RADIO ACCESS NETWORK NODE, RADIO TERMINAL, AND METHOD THEREFOR**
[54] **N□UD DE RESEAU D'ACCES RADIO, TERMINAL SANS FIL, ET PROCEDES ASSOCIES**
[72] FUTAKI, HISASHI, JP
[72] HAYASHI, SADAFUKU, JP
[71] NEC CORPORATION, JP
[85] 2019-02-08
[86] 2017-05-16 (PCT/JP2017/018317)
[87] (WO2018/029932)
[30] JP (2016-158279) 2016-08-10

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 16/28 (2009.01) H04B 7/0413 (2017.01) H04L 27/26 (2006.01)**
[25] EN
[54] **USER TERMINAL AND WIRELESS COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR, ET PROCEDE DE COMMUNICATION SANS FIL**
[72] SAITO, KEISUKE, JP
[72] TAKEDA, KAZUAKI, JP
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] NA, CHONGNING, CN
[71] NTT DOCOMO, INC., JP
[85] 2019-02-08
[86] 2017-08-07 (PCT/JP2017/028638)
[87] (WO2018/030359)
[30] JP (2016-157938) 2016-08-10
[30] JP (2016-237974) 2016-12-07
[30] JP (2017-001312) 2017-01-06

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[51] **Int.Cl. B01D 53/047 (2006.01) B01D 53/62 (2006.01) B01D 53/82 (2006.01)**
[25] EN
[54] **GAS CONCENTRATOR**
[54] **CONCENTRATEUR DE GAZ**
[72] NAITO, TOSHIYUKI, JP
[71] IHI CORPORATION, JP
[85] 2019-02-08
[86] 2017-09-15 (PCT/JP2017/033484)
[87] (WO2018/105196)
[30] JP (2016-235501) 2016-12-05

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[13] A1
[51] **Int.Cl. B02C 4/32 (2006.01) B02B 5/02 (2006.01) B02B 7/02 (2006.01) B02C 4/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING MILLING ROLL MACHINE**
[54] **PROCEDE DE COMMANDE D'UN BROYEUR A CYLINDRES DESTINE AU BROYAGE ET DISPOSITIF ASSOCIE**
[72] TAGAWA, SUMIO, JP
[72] YOKOYAMA, RYO, JP
[71] SATAKE CORPORATION, JP
[85] 2019-02-08
[86] 2017-08-08 (PCT/JP2017/028723)
[87] (WO2018/030387)
[30] JP (2016-157224) 2016-08-10

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[13] A1
[51] **Int.Cl. H03G 3/30 (2006.01) H03F 1/30 (2006.01) H04B 1/04 (2006.01) H04B 1/16 (2006.01)**
[25] EN
[54] **OUTPUT POWER STABILIZATION CIRCUIT AND HIGH OUTPUT AMPLIFIER DEVICE USING SAME**
[54] **CIRCUIT DE STABILISATION DE PUISSANCE DE SORTIE ET DISPOSITIF AMPLIFICATEUR A HAUT RENDEMENT L'UTILISANT**
[72] NONOMURA, HIROYUKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2019-02-08
[86] 2017-11-07 (PCT/JP2017/040022)
[87] (WO2018/096919)
[30] JP (2016-228560) 2016-11-25

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[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE AUTOMATION OF THE DOSE CALIBRATION, RECONSTRUCTION AND VERIFICATION OF COMPLEX RADIOTHERAPY TREATMENTS, INTEGRATED INTO ONE ENVIRONMENT, AND SYSTEM FOR IMPLEMENTINGSAME**
[54] **METHODE D'AUTOMATISATION D'ETALONNAGE POUR LA DOSIMETRIE, LA RECONSTRUCTION ET LA VERIFICATION DE TRAITEMENTS COMPLEXES DE RADIOTHERAPIE INTEGREE DANS UN ENVIRONNEMENT ET SYSTEME POUR LA MISE EN OEUVRE DE LADITE METHODE**
[72] OVEJERO MAYORAL, MARIA DEL CARMEN, ES
[71] OVEJERO MAYORAL, MARIA DEL CARMEN, ES
[85] 2019-02-08
[86] 2017-08-10 (PCT/ES2017/070577)
[87] (WO2018/029392)
[30] ES (201631090) 2016-08-10

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 47/54 (2017.01) A61K 31/7088 (2006.01) C07K 14/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **PEPTIDE NUCLEIC ACID COMPLEX HAVING IMPROVED CELL PERMEABILITY AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **COMPLEXE D'ACIDE NUCLEIQUE PEPTIDIQUE PRESENTANT UNE PERMEABILITE CELLULAIRE AMELIOREE ET COMPOSITION PHARMACEUTIQUE COMPRENANT CE DERNIER**
[72] JEO, GOONHO, KR
[72] KIM, HYE JOO, KR
[72] YU, JI-YEON, KR
[72] BATOCHIR, CHINBAYAR, KR
[72] HUR, DEOKHWE, KR
[72] PARK, HEE KYUNG, KR
[71] SEASUN THERAPEUTICS, KR
[85] 2019-02-08
[86] 2017-08-09 (PCT/KR2017/008636)
[87] (WO2018/030789)
[30] KR (10-2016-0101374) 2016-08-09

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[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/20 (2006.01) A61K 38/24 (2006.01) C07K 14/59 (2006.01)**
[25] EN
[54] **HETERODIMERIC FC-FUSED CYTOKINE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **CYTOKINE FUSIONNEE A UN HETERODIMERE FC D'IMMUNOGLOBULINE ET COMPOSITION PHARMACEUTIQUE LA CONTENANT**
[72] KIM, YONG SUNG, KR
[72] JUNG, KEUNOK, KR
[72] HA, JI HEE, KR
[72] KIM, YE JIN, KR
[72] CHOI, DONG KI, KR
[72] CHOI, HYE JI, KR
[71] AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2019-02-08
[86] 2017-08-10 (PCT/KR2017/008676)
[87] (WO2018/030806)
[30] KR (10-2016-0101823) 2016-08-10
[30] KR (10-2017-0101594) 2017-08-10

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[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/15 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **VARIABLE ANGLE CUTTING GUIDE AND METHOD OF USING THE SAME**
[54] **GUIDE DE COUPE A ANGLE VARIABLE ET PROCEDE D'UTILISATION DUDIT GUIDE DE COUPE A ANGLE VARIABLE**
[72] DHILLON, BRAHAM K., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2019-02-08
[86] 2016-10-19 (PCT/US2016/057700)
[87] (WO2018/075028)

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[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **FASTER DIGITAL WALLET PROCESSING**
[54] **TRAITEMENT DE PORTEFEUILLE NUMERIQUE PLUS RAPIDE**
[72] SABY, BERTRAND, ES
[72] FREIRE, RAMON, ES
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2019-02-08
[86] 2017-07-24 (PCT/US2017/043451)
[87] (WO2018/031222)
[30] EP (16183885.9) 2016-08-11
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[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIDENTIALLY ISSUING AND MANAGING DELIVERY WAYBILL USING VIRTUAL PERSONAL INFORMATION**
[54] **SYSTEME ET PROCEDE D'EMISSION ET DE GESTION D'UN BORDEREAU D'EXPEDITION SECURISE A L'AIDE D'INFORMATIONS PERSONNELLES VIRTUELLES**
[72] JO, NAM SEOB, KR
[72] PARK, CHAN HEUI, KR
[72] KIM, HAN JOO, KR
[72] WOO, KWANG SU, KR
[72] KO, JEONG HO, KR
[71] K CLOUD CO.,LTD., KR
[85] 2019-02-08
[86] 2017-08-11 (PCT/KR2017/008715)
[87] (WO2018/030827)
[30] KR (10-2016-0102104) 2016-08-11

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[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIDENTIALLY ISSUING AND MANAGING DELIVERY WAYBILL USING VIRTUAL PERSONAL INFORMATION MATCHED WITH CREDIT CARD INFORMATION**
[54] **SYSTEME ET PROCEDE D'EMISSION ET DE GESTION D'UNE FEUILLE DE ROUTE SECURISEE A L'AIDE D'INFORMATIONS PERSONNELLES VIRTUELLES MISES EN CORRESPONDANCE AVEC DES INFORMATIONS SUR LES CARTES**
[72] JO, NAM SEOB, KR
[72] PARK, CHAN HEUI, KR
[72] KIM, HAN JOO, KR
[72] WOO, KWANG SU, KR
[72] KO, JEONG HO, KR
[71] K CLOUD CO.,LTD., KR
[85] 2019-02-08
[86] 2017-08-11 (PCT/KR2017/008716)
[87] (WO2018/030828)
[30] KR (10-2016-0102105) 2016-08-11

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[51] **Int.Cl. F42B 12/62 (2006.01) F42B 30/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR MODIFYING A SEPARABLE PROJECTILE**
[54] **PROCEDE ET AGENCEMENT POUR MODIFIER UN PROJECTILE SEPARABLE**
[72] HEICHE, ULF, SE
[71] BAE SYSTEMS BOFORS AB, SE
[85] 2019-02-08
[86] 2017-09-14 (PCT/SE2017/050901)
[87] (WO2018/052365)
[30] SE (1630224-2) 2016-09-15

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[51] **Int.Cl. G08B 17/00 (2006.01) G08B 17/08 (2006.01) G08B 17/10 (2006.01)**
[25] EN
[54] **DEVICE FOR WARNING OF PRE-FIRE SITUATIONS ARISING AS A RESULT OF LOCAL OVERHEATING OF ELECTRICAL EQUIPMENT**
[54] **DISPOSITIF D'ALERTE AUTONOME POUR DES SITUATIONS DE PRE-INCENDIE CREES EN CAS DE SURCHAUFFE LOCALE D'EQUIPEMENTS ELECTRIQUES**
[72] LESIV, ALEKSEY VALERYEVICH, RU
[71] LIMITED LIABILITY COMPANY "TERMOELEKTRICA", RU
[85] 2019-02-08
[86] 2016-08-10 (PCT/RU2016/000528)
[87] (WO2017/026919)
[30] RU (2015133302) 2015-08-10

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[51] **Int.Cl. B03D 1/02 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01) G01F 1/00 (2006.01)**
[25] EN
[54] **FLOTATION METHOD**
[54] **PROCEDE DE FLOTTATION**
[72] RINNE, ANTTI, FI
[72] BOURKE, PETER GERARD, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2019-02-08
[86] 2016-08-15 (PCT/FI2016/050562)
[87] (WO2018/033658)

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[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) G06Q 10/06 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **DELINEATING MANAGEMENT ZONES BASED ON HISTORICAL YIELD MAPS**
[54] **DELIMITATION DE ZONES DE GESTION SUR LA BASE DE CARTES DE RENDEMENT HISTORIQUES**
[72] XU, LIJUAN, US
[72] HASSANZADEH, ANAHITA, US
[71] THE CLIMATE CORPORATION, US
[85] 2019-02-08
[86] 2017-06-27 (PCT/US2017/039463)
[87] (WO2018/031128)
[30] US (15/234,943) 2016-08-11

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[51] **Int.Cl. H04N 21/462 (2011.01) H04N 21/4402 (2011.01) H04N 21/81 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR CUSTOMIZING IMMERSIVE MEDIA CONTENT**
[54] **PROCEDES ET SYSTEME PERMETTANT DE PERSONNALISER UN CONTENU MULTIMEDIA IMMERSIF**
[72] PATEL, DIPAK MAHENDRA, US
[72] GANANCIAL SANTOS, ARLENE JOY, US
[72] COLLINS, SCOTT RILEY, US
[72] BOR, BRYAN DANIEL, US
[72] DUBOV, ADAM MARK, US
[72] HARRINGTON, TIMOTHY GEORGE, US
[72] SPERSKE, JASON, US
[71] ZEALITY INC., US
[85] 2019-02-08
[86] 2017-07-21 (PCT/US2017/043369)
[87] (WO2018/018000)
[30] US (15/217,961) 2016-07-22
[30] US (15/284,330) 2016-10-03
[30] US (15/356,481) 2016-11-18

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[51] **Int.Cl. F03B 13/10 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL SYSTEM AND APPARATUS FOR GENERATING POWER**
[54] **SYSTEME ET APPAREIL BIDIRECTIONNELS DE PRODUCTION D'ENERGIE**
[72] ROBERTS, PETER, GB
[72] KETTLE, ROBERT, GB
[71] VERDERG RENEWABLE ENERGY LIMITED, GB
[85] 2019-02-08
[86] 2017-08-09 (PCT/GB2017/052344)
[87] (WO2018/029467)
[30] GB (1613764.8) 2016-08-10

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[51] **Int.Cl. G08B 17/00 (2006.01) C07C 19/00 (2006.01) G08B 17/10 (2006.01) G08B 17/08 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING PRE-FIRE SITUATIONS ARISING AS A RESULT OF ELECTRICAL CIRCUIT FAULTS**
[54] **PROCEDE POUR DETECTER LES SITUATIONS A RISQUE D'INCENDIE EN RAISON D'UNE PANNE DANS LE CIRCUIT ELECTRIQUE**
[72] LESIV, ALEKSEY VALERYEVICH, RU
[71] LIMITED LIABILITY COMPANY "TERMOELEKTRICA", RU
[85] 2019-02-08
[86] 2016-08-10 (PCT/RU2016/000529)
[87] (WO2017/026920)
[30] RU (2015133305) 2015-08-10

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[51] **Int.Cl. H05B 3/10 (2006.01) H04B 3/00 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **INDUCTION HEATING POWER SUPPLIES, DATA COLLECTION SYSTEMS, AND INDUCTION HEATING SYSTEMS TO COMMUNICATE OVER AN INDUCTION HEATING CABLE**
[54] **ALIMENTATIONS ELECTRIQUES DE CHAUFFAGE PAR INDUCTION, SYSTEMES DE COLLECTE DE DONNEES, ET SYSTEMES DE CHAUFFAGE PAR INDUCTION POUR COMMUNIQUER SUR UN CABLE DE CHAUFFAGE PAR INDUCTION**
[72] SALSICH, ANTHONY V., US
[72] PROCHNOW, GREGG, US
[72] MCWITHEY, KEVIN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-02-08
[86] 2017-07-24 (PCT/US2017/043509)
[87] (WO2018/031225)
[30] US (15/235,383) 2016-08-12

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[51] **Int.Cl. G01J 3/28 (2006.01) G06K 9/00 (2006.01) G06T 7/00 (2017.01) G06T 7/40 (2017.01)**
[25] EN
[54] **ESTIMATING NITROGEN CONTENT USING HYPERSPECTRAL AND MULTISPECTRAL IMAGES**
[54] **ESTIMATION DE TENEUR EN AZOTE AU MOYEN D'IMAGES HYPERSPECTRALES ET MULTISPECTRALES**
[72] GUAN, WEI, US
[72] XU, YING, US
[71] THE CLIMATE CORPORATION, US
[85] 2019-02-08
[86] 2017-07-26 (PCT/US2017/044040)
[87] (WO2018/031238)
[30] US (15/231,505) 2016-08-08

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[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) G06N 3/08 (2006.01) G06N 5/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LEARNING AND PREDICTING TIME-SERIES DATA USING INERTIAL AUTO-ENCODERS**
[54] **SYSTEMES ET PROCEDES D'APPRENTISSAGE ET DE PREDICTION DE DONNEES CHRONOLOGIQUES A L'AIDE D'AUTO-CODEURS INERTIELS**
[72] BURCHARD, PAUL, US
[71] GOLDMAN SACHS & CO. LLC, US
[85] 2019-02-08
[86] 2017-08-01 (PCT/US2017/044963)
[87] (WO2018/031301)
[30] US (62/372,206) 2016-08-08

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[51] **Int.Cl. G08B 17/00 (2006.01) G08B 17/08 (2006.01) G08B 17/10 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL FOR SIGNALLING LOCAL OVERHEATING OF ELECTRICAL EQUIPMENT**
[54] **MATERIAU COMPOSITE POUR FORMER UN SIGNAL ANNONCANT DES SURCHAUFFES LOCALES D'EQUIPEMENTS ELECTRIQUES**
[72] LESIV, ALEKSEY VALERYEVICH, RU
[71] LIMITED LIABILITY COMPANY "TERMOELEKTRICA", RU
[85] 2019-02-08
[86] 2016-08-10 (PCT/RU2016/000530)
[87] (WO2017/026921)
[30] RU (2015133303) 2015-08-10

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[51] **Int.Cl. B65F 1/14 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SMART WASTE RECEPTACLE PROVIDING USE-INCENTIVE**
[54] **RECIPIENT A DECHETS INTELLIGENT FOURNISSANT UNE INCITATION A L'UTILISATION**
[72] RODONI, PHILIP, US
[71] RUBICON GLOBAL HOLDINGS, LLC, US
[85] 2019-02-08
[86] 2017-08-02 (PCT/US2017/045049)
[87] (WO2018/031332)
[30] US (15/231,095) 2016-08-08

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[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/20 (2006.01)**
[25] EN
[54] **SKINPRINT ANALYSIS METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ANALYSE D'EMPREINTE CUTANEE**
[72] GORDON, BENJAMIN, GB
[72] WILSON, PAUL, GB
[71] INTELLIGENT FINGERPRINTING LIMITED, GB
[85] 2019-02-08
[86] 2017-08-10 (PCT/GB2017/052365)
[87] (WO2018/029482)
[30] GB (1613819.0) 2016-08-11

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[25] EN
[54] **MODIFIED PEPTIDES FOR USE IN TREATING NEURODEGENERATIVE DISORDERS**
[54] **PEPTIDES MODIFIES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS**
[72] GREENFIELD, SUSAN, GB
[72] GARCIA-RATES, SARA, GB
[72] MORAL, JESUS, ES
[72] COSANO, ROGER, ES
[71] NEURO-BIO LTD, GB
[85] 2019-02-08
[86] 2017-08-16 (PCT/GB2017/052407)
[87] (WO2018/033724)
[30] GB (1613999.0) 2016-08-16
[30] GB (1701455.6) 2017-01-30

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[51] **Int.Cl. A61F 6/18 (2006.01)**
[25] EN
[54] **APPLICATOR DEVICE**
[54] **DISPOSITIF D'APPLICATION**
[72] SPITZ, ROBERT M., US
[71] CONTINE CORPORATION, US
[85] 2019-02-08
[86] 2017-08-08 (PCT/US2017/045840)
[87] (WO2018/031515)
[30] US (62/372,575) 2016-08-09

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[51] **Int.Cl. C07K 11/02 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **AUREOBASIDIUM DERIVATIVES AND METHODS OF SYNTHESIS**
[54] **DERIVES D'AUREOBASIDIUM ET PROCEDES DE SYNTHESE**
[72] WUTS, PETER, US
[72] ELHAMMER, AKE P., US
[71] AUREOGEN BIOSCIENCES, INC., US
[85] 2019-02-08
[86] 2017-08-08 (PCT/US2017/045851)
[87] (WO2018/031521)
[30] US (62/371,936) 2016-08-08

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[51] **Int.Cl. A01C 7/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEPOSITING SEEDS IN A GROW POD**
[54] **SYSTEMES ET PROCEDES DE DEPOT DE GRAINES DANS UNE BARQUETTE DE CULTURE**
[72] MILLAR, GARY BRET, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-02-08
[86] 2018-03-16 (PCT/US2018/022960)
[87] (WO2018/231309)
[30] US (62/519,593) 2017-06-14
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[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **COMPUTER AIDED DESIGN WITH HIGH RESOLUTION LATTICE STRUCTURES USING GRAPHICS PROCESSING UNITS (GPU)**
[54] **CONCEPTION ASSISTEE PAR ORDINATEUR AVEC STRUCTURES RETICULAIRES A HAUTE RESOLUTION UTILISANT DES UNITES DE TRAITEMENT GRAPHIQUE (GPU)**
[72] ALLEN, GEORGE, CN
[72] MUSUVATHY, SURAJ RAVI, US
[71] SIEMENS PRODUCT LIFECYCLE MANAGEMENT SOFTWARE INC., US
[85] 2019-02-08
[86] 2017-08-11 (PCT/US2017/046539)
[87] (WO2018/031904)
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[51] **Int.Cl. H01H 9/30 (2006.01)**
[25] EN
[54] **SF6 INSULATED CIRCUIT BREAKER SYSTEM WITH THERMAL CAPACITOR**
[54] **SYSTEME DE DISJONCTEUR ISOLE AU SF6 AYANT UN CONDENSATEUR THERMIQUE**
[72] VLADUCHICK, PAUL, US
[72] CUPETT, MATTHEW, US
[72] ARISTIZABAL, MAURICIO, US
[71] ABB SCHWEIZ AG, CH
[85] 2019-02-08
[86] 2017-08-09 (PCT/US2017/046057)
[87] (WO2018/031630)
[30] US (15/233,620) 2016-08-10

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[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0476 (2006.01) A61B 10/00 (2006.01)**
[25] EN
[54] **PORTABLE ALZHEIMER DETECTOR**
[54] **DETECTEUR D'ALZHEIMER PORTATIF**
[72] GAND, FRANCOIS, CA
[71] GAND, FRANCOIS, CA
[85] 2019-02-11
[86] 2017-08-11 (PCT/CA2017/000189)
[87] (WO2018/027298)
[30] US (62/374,287) 2016-08-12

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[51] **Int.Cl. A01K 67/02 (2006.01) A01K 67/027 (2006.01) A61K 49/00 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO IMPROVED HUMAN RED BLOOD CELL SURVIVAL IN GENETICALLY MODIFIED IMMUNODEFICIENT NON-HUMAN ANIMALS**
[54] **PROCEDES ET COMPOSITIONS LIES A LA SURVIE AMELIOREE DE GLOBULES ROUGES HUMAINS DANS DES ANIMAUX NON HUMAINS IMMUNODEFICIENTS GENETIQUEMENT MODIFIES**
[72] SHULTZ, LEONARD D., US
[72] WILES, MICHAEL V., US
[71] THE JACKSON LABORATORY, US
[85] 2019-02-08
[86] 2017-08-11 (PCT/US2017/046566)
[87] (WO2018/031920)
[30] US (62/373,671) 2016-08-11

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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2018.01) C40B 40/08 (2006.01) C40B 50/18 (2006.01)**
[25] EN
[54] **METHODS OF DE NOVO ASSEMBLY OF BARCODED GENOMIC DNA FRAGMENTS**
[54] **PROCEDES D'ASSEMBLAGE DE NOVO DE FRAGMENTS CODES-BARRES D'ADN GENOMIQUE**
[72] XIE, XIAOLIANG SUNNEY, US
[72] XING, DONG, US
[72] CHANG, CHI-HAN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2019-02-08
[86] 2017-08-09 (PCT/US2017/046060)
[87] (WO2018/031631)
[30] US (62/373,057) 2016-08-10

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[51] **Int.Cl. A61F 2/14 (2006.01) A61K 38/17 (2006.01) A61K 47/42 (2017.01) C07K 14/435 (2006.01)**
[25] EN
[54] **SILK-DERIVED PROTEIN FOR TREATING INFLAMMATION**
[54] **PROTEINE DERIVEE DE LA SOIE POUR LE TRAITEMENT D'UNE INFLAMMATION**
[72] LAWRENCE, BRIAN D., US
[72] INFANGER, DAVID W., US
[71] SILK TECHNOLOGIES, LTD., US
[85] 2019-02-08
[86] 2017-08-12 (PCT/US2017/046659)
[87] (WO2018/031973)
[30] US (62/374,532) 2016-08-12
[30] US (62/407,863) 2016-10-13
[30] US (62/467,697) 2017-03-06

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[51] **Int.Cl. A01H 4/00 (2006.01) A01G 7/00 (2006.01) A01H 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REGENERATION, ACCLIMATIZATION, AND CONDITIONING OF PLANT PROPAGULES**
[54] **PROCEDE ET APPAREIL POUR LA REGENERATION, L'ACCLIMATATION ET LE CONDITIONNEMENT DE PROPAGULES DE PLANTES**
[72] SCANLON, JEFFREY, CA
[72] SCANLON, PATRICK, CA
[72] YOUNG, PETER, CA
[71] SAED TECHNOLOGIES LTD., CA
[85] 2019-02-11
[86] 2017-07-04 (PCT/CA2017/050808)
[87] (WO2018/027303)
[30] US (15/232,469) 2016-08-09

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[51] **Int.Cl. H04L 5/00 (2006.01)**
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[54] **METHODS FOR FLEXIBLE RESOURCE USAGE**
[54] **PROCEDES D'UTILISATION FLEXIBLE DE RESSOURCES**
[72] TOOHER, J. PATRICK, CA
[72] MARINIER, PAUL, CA
[72] FREDA, MARTINO M., CA
[72] PELLETIER, GHYSLAIN, CA
[71] IDAC HOLDINGS, INC., US
[85] 2019-02-08
[86] 2017-08-09 (PCT/US2017/046105)
[87] (WO2018/031664)
[30] US (62/373,089) 2016-08-10
[30] US (62/400,950) 2016-09-28

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[51] **Int.Cl. H01M 4/02 (2006.01) C25B 1/02 (2006.01) H01M 4/90 (2006.01)**
[25] EN
[54] **ADDITIVE CONTAINING ELECTROLYTES FOR HIGH ENERGY RECHARGEABLE METAL ANODE BATTERIES**
[54] **ADDITIF CONTENANT DES ELECTROLYTES POUR DES BATTERIES D'ANODES METALLIQUES RECHARGEABLES A ENERGIE ELEVEE**
[72] JILEK, ROBERT, US
[72] DOE, ROBERT ELLIS, US
[72] EAGLESHAM, DAVID, US
[72] GMITTER, ANDREW J., US
[72] NEWHOUSE, JOCELYN M., US
[72] TRAHAN, MATTHEW, US
[71] PELLION TECHNOLOGIES, INC., US
[85] 2019-02-08
[86] 2017-08-14 (PCT/US2017/046685)
[87] (WO2018/031983)
[30] US (62/374,241) 2016-08-12

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[51] **Int.Cl. C12N 7/01 (2006.01) A61K 31/7088 (2006.01) A61K 35/76 (2015.01) C07K 14/47 (2006.01) C07K 16/28 (2006.01) C12N 15/863 (2006.01)**
[25] EN
[54] **CHIMERIC POXVIRUS COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE POXVIRUS CHIMERIQUES ET LEURS UTILISATIONS**
[72] FONG, YUMAN, US
[72] CHEN, NANHAI, US
[71] CITY OF HOPE, US
[85] 2019-02-08
[86] 2017-08-09 (PCT/US2017/046163)
[87] (WO2018/031694)
[30] US (62/372,408) 2016-08-09
[30] US (62/519,010) 2017-06-13

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[51] **Int.Cl. F24C 3/12 (2006.01) A21B 1/26 (2006.01) A21B 1/36 (2006.01) F24C 1/14 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **CONVECTION OVEN**
[54] **FOUR A CONVECTION**
[72] BAILIE, WILLIAM, CA
[71] BAILIE, WILLIAM, CA
[85] 2019-02-11
[86] 2017-08-11 (PCT/CA2017/050955)
[87] (WO2018/027328)
[30] US (15/234,977) 2016-08-11

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[51] **Int.Cl. G06Q 50/18 (2012.01)**
[25] EN
[54] **CUSTOMIZED PLATFORM FOR HOST PROTECTION IN HOME SHARING**
[54] **PLATE-FORME PERSONNALISEE DE PROTECTION D'UN HOTE DANS UN PARTAGE DOMESTIQUE**
[72] SNYDER, JENNIFER L., US
[72] HRADEK, CHRISTY, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2019-02-08
[86] 2017-08-14 (PCT/US2017/046702)
[87] (WO2018/035011)
[30] US (15/237,197) 2016-08-15

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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/012 (2006.01) A61B 1/018 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SUTURING SYSTEM HAVING EXTERNAL INSTRUMENT CHANNEL**
[54] **SYSTEME DE SUTURE ENDOSCOPIQUE AYANT UN CANAL D'INSTRUMENT EXTERNE**
[72] MITELBERG, VLADIMIR, US
[72] NEUDECK, THOMAS, US
[72] MIMS, JOHN, US
[72] GILKEY, RYAN, US
[72] GILKEY, LANDON, US
[71] APOLLO ENDOSURGERY US, INC., US
[85] 2019-02-08
[86] 2017-08-09 (PCT/US2017/046167)
[87] (WO2018/031696)
[30] US (15/233,737) 2016-08-10
[30] US (15/468,962) 2017-03-24

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[51] **Int.Cl. C02F 1/28 (2006.01) B01J 20/00 (2006.01) B01J 20/02 (2006.01) B01J 20/28 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **HIGH PERMEABILITY MEDIA MIX (HPMM) FOR PHOSPHOROUS AND NITROGEN REMOVAL FROM CONTAMINATED WATERS**
[54] **MELANGE DE MILIEUX A PERMEABILITE ELEVEE (HPMM) POUR L'ELIMINATION DU PHOSPHORE ET DE L'AZOTE PRESENTS DANS DES EAUX CONTAMINEES**
[72] DAVIS, ALLEN P., US
[72] OSTROM, TRAVIS, US
[72] WHITE, CHARLES, US
[71] UNIVERSITY OF MARYLAND, US
[71] PAVERGUIDE, INC., US
[85] 2019-02-08
[86] 2017-08-14 (PCT/US2017/046834)
[87] (WO2018/032019)
[30] US (62/374,583) 2016-08-12

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[13] A1
[51] **Int.Cl. G08B 17/00 (2006.01) C08F 20/56 (2006.01) G08B 17/08 (2006.01) G08B 17/10 (2006.01)**
[25] EN
[54] **SYSTEM FOR SIGNALLING A PRE-FIRE SITUATION**
[54] **SYSTEME DE SIGNALISATION D'UNE SITUATION A RISQUE D'INCENDIE**
[72] LESIV, ALEKSEY VALERYEVICH, RU
[71] LIMITED LIABILITY COMPANY "TERMOELEKTRICA", RU
[85] 2019-02-08
[86] 2016-08-10 (PCT/RU2016/000531)
[87] (WO2017/026922)
[30] RU (2015133304) 2015-08-10

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[51] **Int.Cl. G01N 27/447 (2006.01) B03C 5/00 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **HYPER EFFICIENT SEPARATIONS DEVICE**
[54] **DISPOSITIF DE SEPARATION HYPER-EFFICACE**
[72] HAYES, MARK, US
[72] CROWTHER, CLAIRE, US
[72] JONES, PAUL, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2019-02-08
[86] 2017-08-10 (PCT/US2017/046217)
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[30] US (62/372,846) 2016-08-10

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[51] **Int.Cl. G01M 1/04 (2006.01) G01M 1/16 (2006.01)**
[25] EN
[54] **BALANCING DEVICE, UNIFORMITY DEVICE AND METHODS FOR UTILIZING THE SAME**
[54] **DISPOSITIF D'EQUILIBRAGE, DISPOSITIF D'UNIFORMITE ET LEURS PROCEDES D'UTILISATION**
[72] LAWSON, LAWRENCE J., US
[72] REECE, ROBERT, US
[72] CLARK, BARRY ALLAN, US
[72] STRAITIFF, DONALD GRAHAM, US
[71] ANDROID INDUSTRIES LLC, US
[85] 2019-02-08
[86] 2017-08-15 (PCT/US2017/046840)
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[30] US (15/238,268) 2016-08-16

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[51] **Int.Cl. A62C 35/58 (2006.01) A62C 35/60 (2006.01) A62C 35/64 (2006.01) A62C 35/68 (2006.01) F16K 15/03 (2006.01)**
[25] EN
[54] **MODULAR VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE MODULAIRE**
[72] RINGER, YORAM, US
[72] MAUGHAN, KEVIN DESMOND, US
[72] ARCHIBALD, THOMAS EDWIN, US
[72] MEYER, STEPHEN J., US
[71] GLOBE FIRE SPRINKLER CORPORATION, US
[85] 2019-02-08
[86] 2017-03-10 (PCT/US2017/021882)
[87] (WO2018/031074)
[30] US (62/373,626) 2016-08-11
[30] US (15/402,840) 2017-01-10

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **ULTRA-LOW COVERAGE GENOME SEQUENCING AND USES THEREOF**
[54] **SEQUENCAGE DE GENOME A ULTRA-FAIBLE COUVERTURE ET SES UTILISATIONS**
[72] PICKRELL, JOSEPH K., US
[72] BERISA, TOMAZ, US
[72] JAINI, SUMA, US
[72] HOUCK-LOOMIS, BRIAN, US
[72] WASIK, KAJA, US
[71] NEW YORK GENOME CENTER, INC., US
[85] 2019-02-08
[86] 2017-08-10 (PCT/US2017/046238)
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[30] US (62/373,054) 2016-08-10

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[51] **Int.Cl. B32B 21/08 (2006.01) B32B 27/06 (2006.01) B32B 27/30 (2006.01) B32B 27/42 (2006.01) B32B 37/06 (2006.01) B32B 37/14 (2006.01) C08G 12/32 (2006.01) C09D 163/10 (2006.01)**
[25] EN
[54] **STAINABLE MELAMINE LAMINATE PRODUCTS, COMPOSITIONS, AND METHODS OF MANUFACTURE**
[54] **PRODUITS STRATIFIES MELAMINES POUVANT ETRE TEINTS, COMPOSITIONS ET PROCEDES DE FABRICATION**
[72] FUHR, ADAM CURTIS, US
[71] PRESSING DEVELOPMENTS, L.L.C., US
[85] 2019-02-08
[86] 2017-08-10 (PCT/US2017/046386)
[87] (WO2018/031831)
[30] US (62/373,287) 2016-08-10
[30] US (62/412,256) 2016-10-24

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[54] **APPLICATION DE CHRONOREGULATION ET SYSTEME DE SURVEILLANCE**
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[72] KAUFFMAN, MASON, US
[72] ZATECHKA, STEVEN, US
[72] PRZYBYSZEWSKI, CHRISTOPHER, US
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[54] **DISPOSITIF DE FIXATION DE SUTURE A UN CORPS D'ANCRAGE D'UN ANCRAGE DE SUTURE**
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[71] CONMED CORPORATION, US
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[54] **SYSTEME ET PROCEDE D'ALIMENTATION DE GAZ DANS UN LIQUIDE**
[72] CHENG, ALAN T., US
[72] HO, YEU-CHUAN SIMON, US
[72] HUNEK, BALAZS, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-02-08
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[54] **RETROACTION ACK/NACK A GRANULARITE FINE POUR SYSTEME DE COMMUNICATION 5G**
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[72] MIAO, DESHAN, CN
[72] SUN, JINGYUAN, CN
[72] JAYASINGHE, KEETH SALIYA, LK
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[54] **INTEGRATED OXYGEN PROBE IN SUBMERSIBLE OXYGENATION DEVICE**
[54] **SONDE D'OXYGENE INTEGREE DANS UN DISPOSITIF D'OXYGENATION SUBMERSIBLE**
[72] GLOMSET, KENNETH, NO
[72] DULLSTEIN, STEFAN, DE
[72] LOEVOLD HELLEBUST, THOMAS, NO
[72] AAKERNES, JOHN BERTIL, NO
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **APPARATUS FOR ANALYZING THE ELEMENTAL COMPOSITION OF A LIQUID SAMPLE AND METHODS OF USING THE SAME**
[54] **APPAREIL D'ANALYSE DE LA COMPOSITION ELEMENTAIRE D'UN ECHANTILLON LIQUIDE ET SES PROCEDES D'UTILISATION**
[72] OBUCHOWSKA, AGNES, CA
[71] OBUCHOWSKA, AGNES, CA
[85] 2019-02-11
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[54] **METHODS AND SYSTEMS FOR ELECTROCHEMICAL OXIDATION OF POLYFLUOROALKYL AND PERFLUOROALKYL CONTAMINANTS**
[54] **PROCEDES ET SYSTEMES POUR L'OXYDATION ELECTROCHIMIQUE DE CONTAMINANTS DE TYPE POLYFLUOROALKYLE ET PERFLUROALKYLE**
[72] HUANG, QINGGUO, US
[72] LIN, HUI, US
[72] NIU, JUNFENG, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
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[54] **PROCEDE DE TRAITEMENT DU PRURIT ET/OU DES DEMANGEAISONS.**
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[72] GREGERSON, GLEN O., US
[72] LISE, JONATHAN M., US
[72] MENZENSKI, KIMBERLY W., US
[72] ZIEMANN, DAVID W., US
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[54] **CO-CROSSLINKED HYALURONIC ACID-SILK FIBROIN HYDROGELS FOR IMPROVING TISSUE GRAFT VIABILITY AND FOR SOFT TISSUE AUGMENTATION**
[54] **HYDROGELS CO-RETICULES D'ACIDE HYALURONIQUE-FIBROINE POUR AMELIORER LA VIABILITE DES GREFFES TISSULAIRES ET POUR L'AUGMENTATION DES TISSUS MOUS**
[72] YU, XIAOJIE, US
[72] MESSINA, DARIN J., US
[72] PAVLOVIC, ELIZABETA, US
[72] CUI, CUNQI, US
[72] SMITHER, KATE M., US
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[54] **PROCEDE, DISPOSITIF ET EQUIPEMENT A UTILISER DANS UN CODAGE DE POLARISATION**
[72] LI, RONG, CN
[72] ZHANG, GONGZHENG, CN
[72] CHEN, YING, CN
[72] LIU, XIAOCHENG, CN
[72] WANG, JUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES**
[72] LI, ZHONGFENG, CN
[72] CAO, YONGZHAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSITIONS AND METHODS FOR REPROGRAMMING ADULT CELLS THROUGH THE STEMNESS OF A PLATELET RICH FRACTION OF BLOOD CONTAINING PLATELET-LIKE CELLS IN HUMANS**
[54] **COMPOSITIONS ET PROCEDES DE REPROGRAMMATION DE CELLULES ADULTES PAR LA SOUCHE D'UNE FRACTION RICHE EN PLAQUETTES DE SANG CONTENANT DES CELLULES DE TYPE PLAQUETTES CHEZ L'ETRE HUMAIN**
[72] ZHAO, YONG, US
[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US
[85] 2019-02-08
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[54] **HYBRID POWERTRAIN SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR GROUPE MOTOPROPULSEUR HYBRIDE**
[72] MCROBERTS, MATTHEW, CA
[72] KINSELLA, JOSEPH, CA
[72] BISKEY, JOHN, CA
[72] ENGELMANN, CARL, CA
[71] PEGASUS AERONAUTICS CORPORATION, CA
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[54] **ASSISTED DENTAL CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DENTAIRE ASSISTE**
[72] AGUDO CRESPO, MARIA BELEN, ES
[71] ZIZ DENTAL CARE S.L., ES
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[54] **DRUG DELIVERY COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'ADMINISTRATION DE MEDICAMENT ET LEURS UTILISATIONS**
[72] GOLDBERG, MICHAEL SOLOMON, US
[72] PARK, CHUN GWON, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **A METHOD FOR MANUFACTURING A FUEL COMPONENT**
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT DE CARBURANT**
[72] KIISKI, ULLA, FI
[72] KURONEN, MARKKU, FI
[72] NORTIO, JENNI, FI
[71] NESTE OYJ, FI
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[54] **METHOD OF MANUFACTURING COATED BEADS**
[54] **PROCEDE DE FABRICATION DE BILLES ENROBEES**
[72] SCHUESSLER, DAVID, US
[72] TORJESEN, ERIK, US
[72] FLORES-PUJOL, ALBERTO, CR
[72] MILLER, MATTHEW B., US
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[54] **EXTRACT EFFECTIVE IN TREATING DRUG ADDICTION AND PREPARATION METHOD THEREFOR**
[54] **EXTRAIT A EFFET PHARMACEUTIQUE DE DETOXICATION ET SON PROCEDE DE PREPARATION**
[72] RUAN, JUN, CN
[71] GUANGXI JIUFU BIOTECHNOLOGY CO., LTD, CN
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[54] **SYSTEME DE COMMUNICATION ET EMETTEUR**
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[72] WANSCH, RAINER, DE
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[72] MARSHALL, MICHAEL, US
[72] REYNOLDS, TIM, US
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[54] **ASSEMBLAGE DE GUIDE D'ONDES ET SON PROCEDE DE FABRICATION**
[72] MORRIS, IAN, GB
[72] BROWN, DEREK, GB
[72] GORECKI, IAN, GB
[72] WEBBER, MIKE, GB
[72] HAMER, MAURICE JOSEPH, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
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[54] **ROTOR DE POMPE A VIDE**
[72] DREIFERT, THOMAS, DE
[72] GIEBMANNS, WOLFGANG, DE
[72] MULLER, ROLAND, DE
[72] SCHILLER, DIRK, DE
[71] LEYBOLD GMBH, DE
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[54] **CIRCUITS DE DEFINITION D'IMPULSION POUR GENERER DES FORMES D'ONDE DE STIMULATION DANS UN GENERATEUR D'IMPULSIONS IMPLANTABLE**
[72] WEISS, PHILIP LEONARD, US
[72] MARNFELDT, GORAN N., US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **METHOD AND APPARATUS FOR WIRELESS DEVICE SYNCHRONIZATION IN A BEAM-BASED COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR UNE SYNCHRONISATION DE DISPOSITIF SANS FIL DANS UN SYSTEME DE COMMUNICATION A BASE DE FAISCEAU**
[72] DA SILVA, ICARO, SE
[72] MOOSAVI, REZA, SE
[72] RAMACHANDRA, PRADEEPA, SE
[72] WIEMANN, HENNING, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[72] DERKX, PATRICK, DK
[72] JANZEN, THOMAS, DK
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[71] CHR. HANSEN A/S, DK
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[54] **COMPOSITIONS PHARMACEUTIQUES ET LEUR UTILISATIONS CONTRE LES MALADIES DE SURCHARGE LYSOSOMALE**
[72] STRUPP, MICHAEL, DE
[71] INTRABIO LIMITED, GB
[85] 2019-02-08
[86] 2017-08-11 (PCT/IB2017/054928)
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[30] GB (1613828.1) 2016-08-11
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[72] KLEE, JOACHIM E., DE
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[54] **COMPRIME DE BOUILLON DUR**
[72] PERDANA, JIMMY, DE
[72] KIM, YOUNGBIN, DE
[72] BULLING, KATHARINA, DE
[72] KAUR, PRABHJOT, DE
[72] MARAZZATO, MICHELE, CH
[72] SAGALOWICZ, LAURENT, CH
[72] KJOLBY, CHRISTIAN, CH
[71] NESTEC S.A., CH
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[54] **AGENTS THERAPEUTIQUES POUR MALADIES NEURODEGENERATIVES**
[72] STRUPP, MICHAEL, DE
[71] INTRABIO LIMITED, GB
[85] 2019-02-08
[86] 2017-08-11 (PCT/IB2017/054929)
[87] (WO2018/029658)
[30] GB (1613829.9) 2016-08-11
[30] GB (1702551.1) 2017-02-16
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[54] **COMPOSITIONS AND METHODS FOR MODULATING GASTROINTESTINAL MICROFLORA IN A CANINE**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER LA MICROFLORE GASTRO-INTESTINALE CHEZ UN CANIN**
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[71] NESTEC SA, CH
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[54] **FURANOCHALCONES EN TANT QU'INHIBITEURS DE CYP1A1, CYP1A2 ET CYP1B1 POUR LA CHIMIOPREVENTION DU CANCER**
[72] BHARATE, SANDIP BIBISHAN, IN
[72] SHARMA, RAJNI, IN
[72] JOSHI, PRASHANT, IN
[72] VISH-WAKARMA, RAM, IN
[72] CHAUDHURI, BHABATOSH, GB
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **ANTIBODIES FOR SIGLEC-15 AND METHODS OF USE THEREOF**
[54] **ANTICORPS POUR SIGLEC-15 ET LEURS METHODES D'UTILISATION**
[72] LIU, LINDA, US
[72] FLIES, DALLAS BENJAMIN, US
[72] LANGERMANN, SOLOMON, US
[71] NEXTCURE, INC., US
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[54] **GASKET FOR FUEL CELLS**
[54] **MATERIAU D'ETANCHEITE DE JOINT D'ETANCHEITE**
[72] HOYES, JOHN, GB
[72] BOND, STEPHEN, US
[71] FLEXITALLIC INVESTMENTS, INC., US
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[54] **APPARATUS AND METHOD FOR PRODUCING THERMAL IMAGE DATA**
[54] **APPAREIL ET PROCEDE DE PRODUCTION DE DONNEES D'IMAGE THERMIQUE**
[72] WILLMOTT, JONATHAN RAFFE, GB
[71] THE UNIVERSITY OF SHEFFIELD, GB
[85] 2019-02-11
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[54] **SYSTEM AND METHOD FOR SEISMIC IMAGING USING FIBER OPTIC SENSING SYSTEMS**
[54] **SYSTEME ET PROCEDE D'IMAGERIE SISMIQUE UTILISANT DES SYSTEMES DE DETECTION A FIBRE OPTIQUE**
[72] COCKER, JONATHAN DAVID, US
[72] STRUDLEY, ALAN VICTOR, US
[71] CHEVRON U.S.A. INC., US
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[54] **REGLAGE PRECIS AUTOMATISE D'UN SUPPORT DE CHIRURGIE OPHTALMIQUE**
[72] ABRAHAM, MARIO, DE
[72] WITTNEBEL, MICHAEL, DE
[71] NOVARTIS AG, CH
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[54] **SYSTEMS AND METHODS FOR FEMTOSECOND LASER OPHTHALMIC SURGERY DOCKING**
[54] **SYSTEMES ET PROCEDES DE RECEPTION DE CHIRURGIE OPHTALMIQUE LASER FEMTOSECONDE**
[72] SCHMID, STEFAN, DE
[72] WITTNEBEL, MICHAEL, CH
[71] NOVARTIS AG, CH
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[54] **SYSTEMS AND METHODS FOR REMOVING FLUID FROM A TRAY IN AN ASSEMBLY LINE GROW POD**
[54] **SYSTEMES ET PROCEDES D'ELIMINATION DE FLUIDE D'UN PLATEAU DANS UN MODULE DE CULTURE A LA CHAINE**
[72] MILLAR, GARY BRET, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-02-08
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[54] **CONDUIT PLIABLE, INTERFACE PATIENT ET CONNECTEUR DE CASQUE**
[72] HOLYOAKE, BRUCE GORDON, NZ
[72] KLINK, GERMAN, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **TETES DE SEMOIR DE PRECISION ET COMPOSANTS DE SEMOIR COMPRENANT DES TETES DE SEMOIR DE PRECISION**
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[71] GROW SOLUTIONS TECH LLC, US
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[54] **POSTURE IMPROVEMENT DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF D'AMELIORATION DE LA POSTURE, SYSTEME ET PROCEDE**
[72] LUSTIG, OR, IL
[72] LUSTIG, SIGAL, IL
[72] SHEINSON, TAMAR, IL
[71] SEATBACK ERGO LTD, IL
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[54] **PLANETARY GEAR REDUCTION DEVICE**
[54] **DISPOSITIF DE REDUCTION DE VITESSE A ENGRENAGE PLANETAIRE**
[72] NISHIHIRA, TAKU, JP
[72] AKAHORI, HIROFUMI, JP
[72] NISHIDA, TAKUNOBU, JP
[72] YOSHITOMI, MAMORU, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **HEALTH-LEVEL MEASURING METHOD, HEALTH-LEVEL DETERMINING APPARATUS, AND HAIR-HEALTH EXAMINATION SYSTEM**
[54] **PROCEDE AINSI QUE DISPOSITIF DE MESURE DU NIVEAU DE SANTE, ET SYSTEME DE DIAGNOSTIC DE LA SANTE DES CHEVEUX**
[72] TSUJI, TAKASHI, JP
[72] TOYOSHIMA, KOH-EI, JP
[71] ORGAN TECHNOLOGIES INC., JP
[71] RIKEN, JP
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[54] **METHODES DE TRAITEMENT DE MALADIES ASSOCIEES A UNE INSTABILITE REPETEE**
[72] PEARSON, CHRISTOPHER E., CA
[72] NAKAMORI, MASAYUKI, JP
[72] NAKATANI, KAZUHIKO, JP
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[71] OSAKA UNIVERSITY, JP
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[54] **PROCEDE ET SYSTEME POUR FACILITER UNE COMMUNICATION SUR LA BASE DES INTERETS ET D'UN EMPLACEMENT D'UN UTILISATEUR**
[72] MONTREUIL, ALBERT HILAIRE, US
[71] INNOVATIVE CONCEPTS INC., US
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[54] **PROCEDE DE REDUCTION DU RETRAIT AU SECHAGE DE CORPS DURCI A BASE DE CIMENT**
[72] FUJIWARA, HIROMI, JP
[72] TAKEMOTO, SHINICHI, JP
[72] SASAKI, YOSHIKATSU, JP
[71] UTSUNOMIYA UNIVERSITY, JP
[71] DPS BRIDGE WORKS CO., LTD., JP
[71] MIZOGUCHIJIGYO CO.,LTD., JP
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[54] **TRICYCLE A PLIAGE COMPLET**
[72] BARON, YORAM, IL
[71] SMART TRIKE MNF PTE LTD., SG
[71] BARON, YORAM, IL
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[54] **CHAIN-EXTENDED POLYDIMETHYLSILOXANE VINYLIC CROSSLINKERS AND USES THEREOF**
[54] **AGENTS DE RETICULATION VINYLIQUES DE POLYDIMETHYLSILOXANE A CHAINE ETENDUE ET UTILISATIONS ASSOCIEES**
[72] JING, FENG, US
[72] CHANG, FRANK, US
[71] NOVARTIS AG, CH
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[54] **POLYMERIZABLE POLYDIMETHYLSILOXANE-POLYOXYALKYLENE BLOCK COPOLYMERS**
[54] **COPOLYMERES SEQUENCES DE POLYDIMETHYLSILOXANE-POLYOXYALKYLENE POLYMERISABLES**
[72] JING, FENG, US
[72] CHANG, FRANK, US
[71] NOVARTIS AG, CH
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[54] **LIAISON CONJUGUEE DE MEDICAMENT ANTICORPS**
[72] ABE, YUKI, JP
[72] ASHIDA, SHINJI, JP
[72] KASUYA, YUJI, JP
[72] MASUDA, TAKESHI, JP
[72] MIYAZAKI, HIDEKI, JP
[72] MORITA, KOJI, JP
[72] NAITO, HIROYUKI, JP
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[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **GESTION DES REQUETES DE DONNEES**
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[72] ALLIN, GLENN JOHN, US
[71] AB INITIO TECHNOLOGY LLC, US
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[51] **Int.Cl. H02G 3/14 (2006.01) H02B 1/28 (2006.01)**
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[54] **FASTENING DEVICES FOR EXPLOSION-PROOF ENCLOSURES**
[54] **DISPOSITIFS DE FIXATION DESTINES A DES ENCEINTES A L'EPREUVE DES EXPLOSIONS**
[72] MANAHAN, JOSEPH MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **LOOP SUITABLE FOR USE WITH A VARIETY OF OBJECTS**
[54] **BOUCLE CONVENANT A UNE VARIETE D'OBJETS**
[72] BROUSSEAU, JEAN-PHILIPPE, CA
[71] GENEZE INNOVATION INC., CA
[22] 2015-03-20
[41] 2015-09-20
[62] 2,885,434
[30] US (61/968,165) 2014-03-20
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[54] **APPARATUS AND METHOD FOR EXTRACTING AND PREPARING MULTIPLE CORN EMBRYOS SUITABLE FOR TISSUE CULTURE**
[54] **APPAREIL ET METHODE SERVANT A L'EXTRACTION ET A LA PREPARATION D'EMBRYONS DE MAIS MULTIPLES CONVENANT A LA CULTURE DE TISSUS**
[72] ADAMS, WHITNEY, US
[72] DAVIS, BRANDON, US
[72] KUCHER, LUBOMYR, US
[72] LOWE, BRENDA, US
[72] MANN, MICHAEL T., US
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[54] **BRAS ROBOTIQUE EQUIPE DE DOUBLE MECANISME PREHENSEUR**
[72] TOEPFER, KENT B., US
[72] GODFREY, ROBERT J., US
[72] SCHALLER, BRAD A., US
[72] VAN DER SLUIS, PETER WILLEM, NL
[71] TECHNOLOGIES HOLDINGS CORP., US
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[54] **PROCESSES, SYSTEMS, AND APPARATUS FOR CYCLOTRON PRODUCTION OF TECHNETIUM-99M**
[54] **PROCEDES, SYSTEMES, ET APPAREIL DE PRODUCTION CYCLOTRONIQUE DE TECHNETIUM-99M**
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[72] HANEMAAYER, VICTOIRE, CA
[72] ZEISLER, STEFAN K., CA
[71] TRIUMF, CA
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[54] **COMPOSES PRESENTANT UNE ACTIVITE ANTI-CANCEREUSE**
[72] HASEGAWA, YOKO, JP
[72] ISHIGAKI, MACHIYO, JP
[72] KAWABE, TAKUMI, JP
[72] SATO, TAKUJI, JP
[72] YAMAMOTO, SAYAKA, JP
[71] CANBAS CO., LTD., JP
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[54] **NOUVELLES INDICATIONS POUR UNE THERAPIE ANTI-IL-1-BETA**
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, AT
[71] NOVARTIS AG, CH
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[51] **Int.Cl. B65G 43/10 (2006.01) B65D 19/00 (2006.01) B65G 35/00 (2006.01)**
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[54] **MULTI-MODE AND MULTI-PITCH CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORT A PLUSIEURS LONGUEURS ET PLUSIEURS MODES**
[72] KLEINIKKINK, ALBERT, CA
[72] TAYLOR, JAVAN, CA
[72] LEE, JEFF, CA
[72] NORTHEY, BRAD, CA
[72] JONES, JAYSON, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
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[25] EN
[54] **METHOD, DEVICE AND FUEL FOR HYDROGEN GENERATION**
[54] **PROCEDE, DISPOSITIF ET CARBURANT UTILISABLES A DES FINS DE PRODUCTION D'HYDROGENE**
[72] LUGTIGHEID, GERARDUS WILHELMUS, NL
[71] H2FUEL-SYSTEMS B.V., NL
[22] 2010-01-27
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[54] **METHODES ET COMPOSITIONS PERMETTANT DE TRAITER LES AFFECTIONS MEDICALES LIEES A LA THYROIDE AU MOYEN DE FOLATES REDUITS**
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[72] SHIMIZU, JARED, US
[72] BOWMAN, HEATH, US
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[72] RETAREKAR, ROHINI, US
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[54] **NOUVELLES APPROCHES THERAPEUTIQUES DANS LE TRAITEMENT DE LA CMT ET DES TROUBLES ASSOCIES**
[72] CHUMAKOV, ILYA, FR
[72] COHEN, DANIEL, FR
[72] GUERASSIMENKO, OXANA, FR
[72] NABIROCHKIN, SERGUEI, FR
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[54] **METHOD OF FORMING LATERAL BOREHOLES**
[54] **METHODE DE FORMAGE DE TROUS DE FORAGE LATERAUX**
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[71] COILED TUBING SPECIALTIES, LLC, US
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[54] **TECHNIQUE DE PAIRAGE L3 ET GESTION DE MAIN D'OEUVRE DANS UN SYSTEME DE CENTRE DE CONTACT**
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[54] **SURFACE DE CONNEXION D'UNE UNITE STRUCTURELLE ET METHODE DE FABRICATION ASSOCIEE**
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[54] **APPAREIL DE VAPORISATION**
[72] FORNARELLI, THOMAS, US
[71] DB INNOVATION INC, US
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[54] **BUSE DE LANCAGE DE JET HYDRAULIQUE ORIENTABLE ET MECANISME D'ORIENTATION DESTINE AU FORAGE DE FOND DE TROU**
[72] RANDALL, BRUCE L., US
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[54] **SURFACE STEERABLE DRILLING SYSTEM FOR USE WITH ROTARY STEERABLE SYSTEM**
[54] **SYSTEME DE FORAGE ORIENTABLE DE SURFACE DESTINE A ETRE UTILISE AVEC UN SYSTEME ROTARY ORIENTABLE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY, US
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[71] MOTIVE DRILLING TECHNOLOGIES, INC., US
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[54] **INDEXER, INDEXER RETROFIT KIT AND METHOD OF USE THEREOF**
[54] **INDEXEUR, TROUSSE DE REMISE EN ETAT D'INDEXEUR ET METHODE D'UTILISATION ASSOCIEE**
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[72] GROMES, TERRY DEAN, JR., US
[72] GROMES, KRISTEN E., US
[72] SHOCKEY, JON M., US
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[54] **COMPOSES HETERO-ARYLES ET LEURS UTILISATIONS**
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[72] MAZDIYASNI, HORMOZ, US
[72] NIU, DEQIANG, US
[72] PETTER, RUSSELL C., US
[72] QIAO, LIXIN, US
[72] SINGH, JUSWINDER, US
[72] TESTER, RICHLAND WAYNE, US
[72] WESTLIN, WILLIAM FREDERICK, US
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[54] **NOUVELLES FORMULATIONS D'ANESTHESIQUES VOLATILES ET PROCEDES D'UTILISATION POUR REDUIRE L'INFLAMMATION**
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[72] OZSOY, HATICE, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **MOLECULES D'ANTICORPS ANTI-GCC, COMPOSITIONS ET PROCEDES APPARENTES**
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[72] GREENFIELD, EDWARD A., US
[72] O'KEEFE, THERESA, US
[72] QIN, SHIXIN, US
[72] BABCOOK, JOHN, CA
[71] AMGEN BRITISH COLUMBIA, CA
[71] MILLENNIUM PHARMACEUTICALS, INC., US
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[54] **PROCEDES ET APPAREILS POUR FABRIQUER DES CORPS SEMI-CONDUCTEURS MINCES A PARTIR D'UN MATERIAU FONDU**
[72] SACHS, EMANUEL M., US
[72] WALLACE, RICHARD L., US
[72] HANTSOO, EERIK T., US
[72] LORENZ, ADAM M., US
[72] HUDELSON, G. D. STEPHEN, US
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[54] **SYSTEME ET PROCEDE POUR GENERER UN PAQUET INFORMATIONNEL DANS LE BUT DE COMMERCIALISER UN VEHICULE AUPRES DE CLIENTS EVENTUELS**
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[72] ASTORG, SEVE, US
[72] WILKINSON, KENNETH, US
[71] AUTOIPACKET, LLC, US
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[54] **ROTARY FLOW DIVIDER ASSEMBLY FOR AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **ENSEMBLE DIVISEUR DE FLUX ROTATIF POUR SYSTEME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] HUI, KA PO CATHERINE, CA
[72] ZACHARIAS, DARWIN L., CA
[72] THOMPSON, DENNIS G., CA
[72] CHAHLEY, DENNIS W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **ROTARY FLOW DIVIDER ASSEMBLY FOR AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **ENSEMBLE DIVISEUR DE FLUX ROTATIF POUR SYSTEME DE DISTRIBUTION DE PRODUIT AGRICOLE**
[72] HUI, KA PO CATHERINE, CA
[72] ZACHARIAS, DARWIN L., CA
[72] THOMPSON, DENNIS G., CA
[72] CHAHLEY, DENNIS W., CA
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[54] **ROTARY FLOW DIVIDER ASSEMBLY FOR AGRICULTURAL PRODUCT DISTRIBUTION SYSTEM**
[54] **ENSEMBLE DIVISEUR DE FLUX ROTATIF POUR SYSTEME DE DISTRIBUTION DE PRODUIT AGRICOLE**
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[72] ZACHARIAS, DARWIN L., CA
[72] THOMPSON, DENNIS G., CA
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[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[72] MORIOKA, MASANARI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
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[54] **ENSEMBLE PALIER**
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[54] **APPAREILS GERMICIDES CONCUS POUR METTRE EN .UVRE SELECTIVEMENT DIFFERENTS MODES DE DESINFECTION A L'INTERIEUR ET A L'EXTERIEUR DE L'APPAREIL**
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[72] FROUTAN, PAUL P., US
[72] SIMMONS, SARAH E., US
[72] STIBICH, MARK A., US
[71] XENEX DISINFECTION SERVICES, LLC., US
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[54] **METHODE ET SYSTEME DESTINE A LA DETERMINATION DES PROPRIETES REFRINGENTES D'UN .IL D'UN ENFANT**
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[72] KRATZER, TIMO, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[54] **MICRO-ANCRAGES SERVANT A ANCRER DES DISPOSITIFS DANS DES TISSUS ORGANIQUES**
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[72] ESKAROS, SHERIF A., US
[72] MAZICH, KENNETH, US
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[54] **REPULSIFS D'ANIMAUX**
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[54] **PRODUIT D'ENGRAIS DE GYPSE SYNTHETIQUE ET PROCEDE DE FABRICATION**
[72] GINN, TERRELL DALLAS, US
[72] GRAY, DANNY LYNN, US
[71] SUL4R-PLUS, LLC, US
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