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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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 January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
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 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
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*)) **$269**

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

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** 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*)) **269 $**

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

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** 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

This notice will replace all previous notices regarding Correspondence Procedures.

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

1. Physical Delivery of Correspondence to CIPO

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

14. Procédures de correspondance

le 20 juin, 2017

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

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

1. Livraison en personne de correspondance à l'OPIC

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

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

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

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

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

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

Download the Fee Payment Form.

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

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

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

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

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

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

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

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

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

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

1.1 Établissements désignés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

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

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

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

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

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

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

2.1 Facsimile

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

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

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

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

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

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

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

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

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

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

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

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

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

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

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

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

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

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

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.

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.

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.

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.

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.

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 17, 2017 contains applications open to public inspection from October 1, 2017 to October 7, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 17 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 1 octobre 2017 au 7 octobre 2017.

16. Erratum

The information concerning application number 2,961,957 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of April 11, 2017 was incorrect. Please note that no application is open to public inspection under this number.

16. Erratum

Les renseignements concernant la demande 2,961,957 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 11 avril 2017 sont inexactes. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

October 17, 2017

Brevets canadiens délivrés

17 octobre 2017

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[11] **2,469,957**
[13] C
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[54] **METHODE, SYSTEME ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR FOURNIR UNE INTERFACE UTILISATEUR POUR LA PREVISION DES CARACTERISTIQUES PHYSIQUES D'UN PUITS PROPOSE**
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[72] SALVATICI SALAZAR, RAUL PATRICIO, CL
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[54] **PROCEDE DE CONDITIONNEMENT D'UNE LIQUEUR MELANGEE CONTENANT DES POLYSACCHARIDES NON IONIQUES ET/OU DES MOLECULES ORGANIQUES NON IONIQUES**
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[54] **PROCEDE D'ELIMINATION DE PESTICIDES D'EXTRAITS DE GINKGO BILOBA, ET EXTRAITS OBTENUS PAR LEDIT PROCEDE**
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[54] **ELEMENT DE FUSELAGE COMPORTANT UN TRONCON DE FUSELAGE ET DES MOYENS DE JONCTION**
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[72] DELAHAYE, ROMAIN, FR
[72] DUGERIE, MARC, FR
[72] CASTANET, MARC-ANTOINE, FR
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[54] **DISPOSITIF PERMETTANT D'EFFECTUER DES OPERATIONS FINANCIERES**
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[72] ZANDER, MARKO, AT
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[72] RINDERSPACHER, MARC, AT
[73] NOVOMATIC AG, AT
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[54] **METHOD FOR PRODUCING FLAME-RETARDANT POLYURETHANE FOAM MATERIALS HAVING GOOD LONG-TERM USE PROPERTIES**
[54] **PROCEDE DE FABRICATION DE MOUSSES DE POLYURETHANE IGNIFUGEES ET APTES A UNE LONGUE DUREE D'UTILISATION**
[72] KLESCZEWSKI, BERT, DE
[72] OTTEN, MANDUELA, DE
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[54] **ENSEMBLE CHAUFFE, EN PARTICULIER POUR ASSISES DE BANC**
[72] HAMMERSCHMIDT, JAN, SK
[73] KOVOSCHMIDT S.R.O., SK
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[54] **DEVICE FOR THE MANAGEMENT, INSERTION AND/OR WITHDRAWAL OF VALUABLES**
[54] **DISPOSITIF DE GESTION, DE REMISE ET/OU DE DISTRIBUTION D'OBJETS DE VALEUR**
[72] MUEHRENBERG, ROLAND, AT
[72] OCHS, HELMUT, AT
[72] ZANDER, MARKO, AT
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[54] **SOLUTIONS D'HALOGENE ACTIF STABILISEES**
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[72] KOPECKY, SARAH ELIZABETH, US
[72] LUDENSKY, MICHAEL LEONID, US
[72] SWEENY, PHILIP GERDON, US
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[72] PATCHEAK, TERRY D., US
[72] DOWNING, DAVID, US
[72] BEUERLE, FREDERICK C., US
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[54] **ELEMENT DE TRANSMISSION DE FORCE POUR UNE UTILISATION DANS DES CATHETERS MEDICAUX**
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[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
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[73] SOILMEC S.P.A., IT
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[54] **MULTI-POSITION MICRO-FLUIDIC VALVE SYSTEM WITH REMOVABLE ENCODER ASSEMBLY**
[54] **SYSTEME A SOUPAPE MICROFLUIDIQUE A POSITIONS MULTIPLES POURVU D?UN ENSEMBLE CODEUR AMOVIBLE**
[72] TOWER, CHRISTOPHER R., US
[73] IDEX HEALTH & SCIENCE LLC, US
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[72] KUNZ, KENNETH, CA
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[54] **COMPOSES INSECTICIDES A BASE DE 4-AMINO-THIENO[2,3-D]PYRIMIDINE ET LEURS METHODES D'UTILISATION**
[72] SOLL, MARK DAVID, US
[72] MENG, CHARLES Q., US
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[72] HOLLAND, CHARLES S., US
[73] EQUISTAR CHEMICALS, LP, US
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[54] **SOUPAPE DE DOSAGE DE DECHARGES MULTIPLES AMELIOREE**
[72] TOECKES, MARK, CA
[72] TRAUTMAN, EARL D., CA
[73] DONMARK HOLDINGS INC., CA
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[54] **AFFICHAGE ET SAISIE A EFFET TACTILE MULTIPLE POUR TESTS ET ENTRAINEMENT DE VISION**
[72] YOO, HERB, US
[72] FORTUNE, THOMAS R., JR., US
[72] PEDLEY, DOUGLAS, US
[72] REICHOW, ALAN W., US
[72] HILLA, MATTHEW GENAR, US
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[54] **CIRCUIT IMPRIME AMOVIBLE POUR ASPIRATEUR**
[72] NORELL, NEIL N., US
[72] WOLFE, MELVIN E., JR., US
[72] ROBITAILLE, JAMES M., US
[72] ADAMS, DOUG, US
[72] MILLER, JONATHAN, US
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[54] **METHOD AND APPARATUS FOR CONVERSION OF MULTIPLE ANALYTE CATION TYPES TO A SINGLE ANALYTE ANION TYPE VIA ION/ION CHARGE INVERSION**
[54] **PROCEDE ET APPAREIL POUR LA CONVERSION DE MULTIPLES TYPES DE CATIONS D'ANALYTES MULTIPLES EN UN TYPE D'ANION D'ANALYTE UNIQUE PAR L'INTERMEDIAIRE D'UNE INVERSION DE CHARGE ION/ION**
[72] HASSELL, KERRY MARIE, US
[72] MCLUCKEY, SCOTT A., US
[72] LEBLANC, YVES, CA
[73] PURDUE RESEARCH FOUNDATION, US
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **A SYSTEM AND METHOD FOR MAPPING AN INPUT DATA STREAM INTO A RAM SPACE**
[54] **UN SYSTEME ET UNE METHODE DE CARTOGRAPHIE DE FLUX DE DONNEES D'ENTREE DANS UN ESPACE DE MEMOIRE VIVE**
[72] ORCHARD, DAVID ARTHUR, GB
[72] WILSON, REBECCA ANNE, GB
[72] PRITCHARD, JONATHAN ALEXANDER SKOYLES, GB
[72] COOPER, MARTIN JAMES, GB
[72] SHEPHERD, TERENCE JOHN, GB
[72] LEWIN, ANDREW CHARLES, GB
[72] TAPSTER, PAUL RICHARD, GB
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[73] QINETIQ LIMITED, GB
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[54] **DISPOSITIF DE STABILISATION COMPRENANT UNE BAGUE D'ARRET**
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[72] BROOKS, CHRIS, US
[73] VENETEC INTERNATIONAL, INC., US
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[54] **PREFORME TISSEE, COMPOSITE ET PROCEDE DE FABRICATION**
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[54] **METHOD FOR PREPARING A BEVERAGE FROM A BEVERAGE POWDER AND APPARATUS FOR IMPLEMENTING THE METHOD**
[54] **METHODE DE PREPARATION D'UNE BOISSON A PARTIR D'UNE POUDRE DE BOISSON ET APPAREIL DE REALISATION DE LA METHODE**
[72] MARABI, ALEJANDRO, CH
[72] COUDENE, JEAN-MARC, CH
[72] NIEDERREITER, GERHARD, CH
[72] CLAUDE, JOHANNA, CH
[73] NESTEC S.A., CH
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[54] **DISPOSITIFS CONTRACEPTIFS ET METHODES**
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[72] STOUT, CHRISTOPHER, US
[72] SWANN, BETSY, US
[73] BAYER ESSURE INC., US
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[73] BIOELECTRON TECHNOLOGY CORPORATION, US
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[54] **SYSTEME DE SIGNALISATION AYANT UN RAPPORT DE CONTRASTE AMELIORE**
[72] MAES, MARCEL PETER GERARD, NL
[73] PREMIUM ELECTRONIC CO LTD, CN
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[72] REYTIER, MAGALI, FR
[72] BESSON, JACQUES, FR
[72] BRUGUIERE, LIONEL, FR
[72] JULIAA, JEAN-FRANCOIS, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **SYSTEME ET PROCEDE DE REINJECTION D'ENERGIE DE RALENTISSEMENT DANS UN TOMBEREAU MINIER ELECTRIQUE DE TYPE TROLLEY**
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[72] KOELLNER, WALTER G., US
[73] SIEMENS INDUSTRY, INC., US
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[72] SNYDER, ROGER WILLIAM, US
[72] SMITH, ROBERT, US
[72] DEDECKER, PAUL, US
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[54] **PROCEDES POUR TRAITER UN TROUBLE DE DEFICIT DE L'ATTENTION AVEC HYPERACTIVITE**
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[72] MELNICK, SUSAN MARIE, US
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[54] **ELEMENTS MODULAIRES DE SEPARATEUR HELICOIDAL**
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[73] MINERAL TECHNOLOGIES PTY LTD, AU
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[54] **DERIVES SUBSTITUES D'ACIDE CARBAMOYLMETHYLAMINO-ACETIQUE UTILISES COMME NOUVEAUX INHIBITEURS DE NEP**
[72] IWAKI, YUKI, US
[72] KAWANAMI, TOSHIO, US
[72] KSANDER, GARY MICHAEL, US
[72] MOGI, MUNETO, US
[73] NOVARTIS AG, CH
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[72] MCEWEN-KING, MAGNUS, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
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[54] **INHIBITEURS DU VIRUS DE L'HEPATITE C**
[72] PACK, SHAWN K., US
[72] TYMONKO, STEVEN, US
[72] PATEL, BHARAT P., US
[72] NATALIE, KENNETH J., JR., US
[72] BELEMA, MAKONEN, US
[73] BRISTOL-MYERS SQUIBB HOLDINGS IRELAND, CH
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[54] **COMPOUND CLOSED-LOOP HEAT CYCLE SYSTEM FOR RECOVERING WASTE HEAT AND METHOD THEREOF**
[54] **SYSTEME A CYCLE THERMIQUE EN BOUCLE FERMEE COMPOSITE PERMETTANT DE RECUPERER LA CHALEUR ET PROCEDE CORRESPONDANT**
[72] LEHAR, MATTHEW ALEXANDER, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2012-05-15
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[54] **INSULATED COMPOSITE FABRIC**
[54] **TISSU COMPOSITE ISOLE**
[72] ROCK, MOSHE, US
[72] ZEIBA, JAMES, US
[72] VAINER, GADALIA, US
[72] HUNTER, JANE, US
[72] HARYSLAK, CHARLES, US
[72] COSTELLO, DAVID, US
[72] FLAVIN, SHAWN, US
[72] WEBSTER, MARCUS, US
[73] MMI-IPCO, LLC, US
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[54] **AN OBJECT MANAGEMENT SYSTEM**
[54] **UN SYSTEME DE GESTION D'OBJET**
[72] COWART, GEORGE STEPHEN, US
[72] KUMPF, STEVEN JAMES, US
[72] HAGBERG, KYLE K., US
[73] THE BOEING COMPANY, US
[86] (2781544)
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[25] EN
[54] **INSULATING GLASS STYLE SOLAR HEAT COLLECTOR AND BUILDING USING SOLAR ENERGY FOR HEATING AND COOLING EMPLOYING SAME**
[54] **CAPTEUR D'ENERGIE SOLAIRE DE TYPE A VITRAGE ISOLANT ET BATIMENT UTILISANT L'ENERGIE SOLAIRE POUR LE CHAUFFAGE ET LA CLIMATISATION EMPLOYANT CELUI-CI**
[72] LIN, HUAZI, CA
[73] LIN, HUAZI, CA
[86] (2781743)
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[54] **METHODS FOR FILLING PRESCRIPTIONS TO FULFILL A CUSTOMER ORDER**
[54] **PROCEDES DE REMPLISSAGE D'ORDONNANCES POUR SATISFAIRE LA COMMANDE D'UN CLIENT**
[72] CARSON, BRADLEY, US
[72] SZESKO, MICHAEL J., US
[73] OMNICARE INC., US
[85] 2012-05-24
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[25] EN
[54] **PESTICIDAL BIS-ORGANOSULFUR COMPOUNDS**
[54] **COMPOSES PESTICIDES BIS-ORGANOSULFURES**
[72] MENG, CHARLES Q., US
[72] POHLMAN, MATTHIAS, DE
[72] BASTIAANS, HENRICUS MARIA MARTINUS, DE
[72] PAULINI, RALPH, DE
[72] SOERGEL, SEBASTIAN, DE
[73] BASF SE, DE
[73] MERIAL, INC., US
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[54] **CARCASS REINFORCEMENT FOR AN AIRPLANE TIRE**
[54] **ARMATURE DE CARCASSE POUR PNEUMATIQUE D'AVION**
[72] COGNE, MICHAEL, FR
[72] DENDIEVEL, JEAN-LUC, FR
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **ELECTRONIC UNIT INJECTOR**
[54] **INJECTEUR-POMPE ELECTRONIQUE**
[72] TEERMAN, RICHARD F., US
[72] JONES, JERRY A., US
[73] BUESCHER DEVELOPMENTS, LLC, US
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[54] **ANKLE FUSION DEVICE, INSTRUMENTATION AND METHODS**
[54] **DISPOSITIF DE FUSION DE CHEVILLE, INSTRUMENTATION ET PROCEDES AFFERENTS**
[72] PINZUR, MICHAEL, US
[72] FRICK, OLIVER, DE
[72] GEISERT, CHRISTOPHE, DE
[72] LORING, THOMAS, US
[72] GILBERT, STEPHEN, US
[72] CHAN, VICTOR, US
[72] RICHTER, MARTINUS, DE
[72] DEORIO, JAMES K., US
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[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[54] **COMPOSITION A BASE D'HUILE OU DE GRAISSE**
[72] HOMMA, RIKA, JP
[72] SHIMIZU, MASAO, JP
[72] MORIWAKI, JUNYA, JP
[72] KASE, MINORU, JP
[72] ABE, TETSUYA, JP
[72] FUKUHARA, SHINPEI, JP
[72] KOMATSU, TOSHITERU, JP
[72] SHIBATA, KEIJI, JP
[73] KAO CORPORATION, JP
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[54] **PRESSURE REGULATING VALVE FOR PRESSURE DRIVEN BEVERAGE DISPENSING APPARATUSES**
[54] **SOUPAPE DE REGULATION DE PRESSION POUR APPAREILS DE DISTRIBUTION DE BOISSONS COMMANDEE PAR PRESSION**
[72] PEIRSMAN, DANIEL, BE
[72] VANDEKERCKHOVE, STIJN, BE
[73] AB INBEV NV, BE
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[54] **GAS PRESSURE REGULATOR**
[54] **REGULATEUR DE PRESSION DE GAZ**
[72] ZECCHI, STEFANO, IT
[72] BORGHESANI, OMERO, IT
[73] O.M.T. OFFICINA MECCANICA TARTARINI S.R.L., IT
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[54] **PROCESS AND APPARATUS FOR THE SEPARATION OF AIR BY CRYOGENIC DISTILLATION**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION D'AIR PAR DISTILLATION CRYOGENIQUE**
[72] HA, BAO, US
[72] BRUGEROLLE, JEAN-RENAUD, CH
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **INTRAOCULAR PRESSURE MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE LA PRESSION INTRAOCULAIRE**
[72] CERBONI, SACHA, CH
[73] SENSIMED SA, CH
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[25] FR
[54] **METHOD OF ABLATING A THREE-DIMENSIONAL SURFACE USING A LASER ABLATION DEVICE AND THROUGH THE USE OF A CALIBRATION STEP; DEVICE FOR IMPLEMENTING SUCH A METHOD**
[54] **PROCEDE D'ABLATION D'UNE SURFACE EN TROIS DIMENSIONS GRACE A UN DISPOSITIF D'ABLATION LASER ET GRACE A L'EMPLOI D'UNE ETAPE D'ETALONNAGE; DISPOSITIF DE MISE EN OEUVRE D'UN TEL PROCEDE**
[72] CHAMPONNOIS, FRANCOIS, FR
[72] LAVAL, BERTRAND, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **A METHOD OF MANUFACTURING FOIL FOR PRODUCING A PEPPER'S GHOST ILLUSION**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE POUR LA PRODUCTION D'UN HOLOGRAMME DE PEPPER**
[72] O'CONNELL, IAN, GB
[72] ABRAHAMS, MICHAEL, GB
[73] MUSION IP LIMITED, GB
[85] 2012-06-21
[86] 2009-12-24 (PCT/GB2009/051774)
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[25] EN
[54] **METHOD AND APPARATUS FOR FORMING OF AN AUTOMATED SAMPLING DEVICE FOR THE DETECTION OF SALMONELLA ENTERICA UTILIZING AN ELECTROCHEMICAL APTAMER BIOSENSOR**
[54] **PROCEDE ET APPAREIL DE FORMATION D'UN DISPOSITIF D'ECHANTILLONNAGE AUTOMATIQUE POUR LA DETECTION DE SALMONELLA ENTERICA UTILISANT UN BIOCAPTEUR APTAMERE ELECTROCHIMIQUE**
[72] SHACHAR, YEHOSHUA, US
[72] WU, WINSTON, US
[72] CHEN, THOMAS, US
[72] FARKAS, LESLIE, US
[72] JORDAN, BRETT, US
[72] LUBOFF, PALADIN, US
[72] CHAN, HERWIN, US
[72] ZIMMERMAN, KYLE, US
[73] SENSOR-KINESIS CORPORATION, US
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[54] **CONTINUOUS PRODUCTION OF DMAEA QUATERNARY SALTS**
[54] **PRODUCTION CONTINUE DE SELS QUATERNAIRES**
[72] FAIR, BARBARA E., US
[72] REED, PETER E., US
[72] VER VERS, LEONARD M., US
[72] BRAMMER, LARRY E., JR., US
[72] HOLADA, CHARLES J., US
[72] HUANG, CHENG-SUNG, US
[72] SAWANT, KAILAS B., US
[73] NALCO COMPANY, US
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[54] **UTENSIL HANDLE**
[54] **POIGNEE D'USTENSILE**
[72] CAMPBELL, ALEXANDER COLIN, US
[72] GENATOSSIO, LOUIS F., US
[72] CAINE, MICHAEL EDWARD, US
[73] LE CREUSET SAS, FR
[85] 2012-07-16
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[25] EN
[54] **BEARD TRIMMER WITH AUTOMATIC POSITIONING OF THE CUTTING UNIT**
[54] **TONDEUSE A BARBE AVEC POSITIONNEMENT AUTOMATIQUE DE L'UNITE DE COUPE**
[72] JULEMONT, PIERRE, BE
[73] BABYLISS FACO S.A., BE
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[54] **APPARATUS FOR CURING THIN FILMS ON A MOVING SUBSTRATE**
[54] **APPAREIL DE DURCISSEMENT DE COUCHES MINCES SUR SUBSTRAT EN MOUVEMENT**
[72] JACKSON, DOUGLAS K., US
[72] SCHRODER, KURT A., US
[72] MCCOOL, STEVEN C., US
[73] NCC NANO, LLC, US
[85] 2012-07-16
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[54] **OXIDATION SYSTEM WITH SIDEDRAW SECONDARY REACTOR**
[54] **SYSTEME D'OXYDATION A REACTEUR SECONDAIRE A SOUTIRAGE LATERAL**
[72] SHAIKH, ASHFAQ, US
[72] WONDERS, ALAN GEORGE, US
[72] LANGE, DAVID, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[86] 2010-12-09 (PCT/US2010/059626)
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[30] US (61/299,453) 2010-01-29
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[25] EN
[54] **COMPOSITIONS FOR RISER AND PLENUM CABLES**
[54] **COMPOSITIONS POUR CABLES MONTANTS ET CABLES IGNIFUGES**
[72] ABU-ALI, AMJAD F., US
[72] SZYLAKOWSKI, GREGG R., US
[72] ALBRINCK, ALICE C., US
[73] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2012-08-08
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[51] **Int.Cl. A23C 11/00 (2006.01) A23L 9/20 (2016.01)**
[25] EN
[54] **COFFEE WHITENER, PROCESS FOR PRODUCING SAME, AND PROCESS FOR PRODUCING BEVERAGE**
[54] **COLORANT A CAFE, PROCEDE DE PRODUCTION DE CELUI-CI ET PROCEDE DE PREPARATION D'UNE BOISSON**
[72] MIWA, NORIKO, JP
[73] AJINOMOTO CO., INC., JP
[73] AMANO ENZYME INC., JP
[85] 2012-08-08
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[30] JP (2010-048312) 2010-03-04

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[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING POSITION WITH BIAS COMPENSATION**
[54] **PROCEDE ET SYSTEME D'ESTIMATION D'UNE POSITION AVEC COMPENSATION DE BIAIS**
[72] DAI, LIWEN, US
[72] WANG, CHAOCHAO, US
[73] NAVCOM TECHNOLOGY, INC., US
[85] 2012-08-13
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[30] US (61/308,467) 2010-02-26
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[54] **METHOD AND APPARATUS FOR TRANSMITTING VIDEO CONTENT COMPRESSED BY CODEC**
[54] **PROCEDE ET APPAREIL DESTINES A TRANSMETTRE UN CONTENU VIDEO COMPRESSE PAR CODEC**
[72] JUN, HAE-YOUNG, KR
[72] PARK, SUNG-BUM, KR
[72] PARK, DONG-SEEK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-08-17
[86] 2011-02-21 (PCT/KR2011/001113)
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[25] EN
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[54] **DISPOSITIF D'ADMISSION DE POMPE**
[72] WALKER, CRAIG IAN, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
[85] 2012-08-24
[86] 2011-03-01 (PCT/AU2011/000225)
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[30] AU (2010900943) 2010-03-05
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[51] **Int.Cl. G07C 11/00 (2006.01) A61B 5/103 (2006.01) A61B 5/117 (2016.01) G07C 9/00 (2006.01)**
[25] EN
[54] **GAIT-BASED AUTHENTICATION SYSTEM**
[54] **SYSTEME D'AUTHENTIFICATION EN FONCTION DE L'ALLURE**
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[72] VALIYANI, SAMEER, CA
[72] POLOTSKI, VLADIMIR, CA
[73] AUTONOMOUS ID CANADA INC., CA
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[54] **THERAPEUTIC AGENT OR PREVENTIVE AGENT FOR URINE COLLECTION DISORDER**
[54] **AGENT THERAPEUTIQUE OU AGENT PREVENTIF POUR LES TROUBLES DE COLLECTE DE L'URINE**
[72] HAREYAMA, NANA, JP
[72] YOSHIKAWA, SATORU, JP
[72] NAKAO, KAORU, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **METHOD AND APPARATUS OF TEMPORAL MOTION VECTOR PREDICTION**
[54] **PROCEDE ET APPAREIL DE PREDICTION TEMPORELLE DE VECTEUR DE MOUVEMENT**
[72] TSAI, YU-PAO, CN
[72] LIN, JIAN-LIANG, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[73] HFI INNOVATION INC., CN
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[54] **NOVEL COATING WAX BASED ON COPOLYMERS, USES THEREOF AND PROCESS FOR PREPARING SAME**
[54] **NOUVELLE CIRE D'ENROBAGE A BASE DE COPOLYMERES, SES UTILISATIONS ET SON PROCEDE DE PREPARATION**
[72] PENNARUN, PIERRE-YVES, FR
[73] FROMAGERIES BEL, FR
[85] 2012-09-25
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[54] **SCROLL PUMP**
[54] **POMPE A SPIRALES**
[72] SCHOFIELD, NIGEL PAUL, GB
[72] LIU, MICHAEL CHUNG KAU, GB
[73] EDWARDS LIMITED, GB
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[25] EN
[54] **METHOD FOR CONTAMINATION PREVENTION IN FLUID STORAGE TANK REQUIRING TEMPERATURE CONTROL, AND DEVICE THEREFOR**
[54] **PROCEDE DE PREVENTION CONTRE LA CONTAMINATION DANS UN RESERVOIR DE STOCKAGE DE FLUIDE NECESSITANT UN REGLAGE DE LA TEMPERATURE, ET DISPOSITIF POUR CELUI-CI**
[72] OHKAMI, KOHHEI, JP
[72] HASE, HIROSHI, JP
[72] OHKAMI, SHUJI, JP
[73] YATSUO DAIRY COOPERATIVE, JP
[85] 2012-10-03
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[54] **RETRO-FIT ENERGY EXCHANGE SYSTEM FOR TRANSPARENT INCORPORATION INTO A PLURALITY OF EXISTING ENERGY TRANSFER SYSTEMS**
[54] **SYSTEME D'ECHANGE D'ENERGIE DE MODERNISATION POUR UNE INCORPORATION TRANSPARENTE DANS UNE PLURALITE DE SYSTEMES DE TRANSFERT D'ENERGIE EXISTANTS**
[72] MANZO, ANIELLO, CA
[73] ENERGY RECOVERY SYSTEMS INC., CA
[85] 2012-10-12
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[54] **METHOD AND SYSTEM FOR MONITORING THE LEVEL OF OIL CONTAINED IN A TANK OF AN AIRCRAFT ENGINE**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DU NIVEAU D'HUILE CONTENUE DANS UN RESERVOIR D'UN MOTEUR D'AERONEF**
[72] DEMAISON, FRANCOIS, FR
[72] FLANDROIS, XAVIER, FR
[72] MASSE, JEAN-REMI, FR
[72] MASSOT, GILLES, FR
[72] RICORDEAU, JULIEN, FR
[72] HMAD, OUADIR, FR
[73] SNECMA, FR
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[54] **OCEAN BOTTOM SEISMIC CABLE RECORDING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT POUR CABLE SISMIQUE DE FOND MARIN**
[72] GATEMAN, JAN, NO
[72] GIMSE, IVAR, NO
[73] MAGSEIS AS, NO
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[54] **ELECTRICAL CONTACTOR ARRANGEMENT FOR A PIVOT LEVER ASSEMBLY**
[54] **AGENCEMENT DE CONTACTEUR ELECTRIQUE POUR UN ENSEMBLE LEVIER A PIVOT**
[72] KENNEDY, GREGG L., US
[73] AIR POWER SYSTEMS COMPANY, INC., US
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[54] **VEHICLE SUSPENSION SYSTEM**
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[72] KUTTNER, OLIVER CHRISTOPH FERDINAND, US
[72] MATHIS, RONALD CHRISTOPHER, US
[73] EDISON2 LLC, US
[85] 2012-10-22
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[54] **IMMUNOSTIMULATORY COMPOSITIONS COMPRISING A HONEY ISOLATE AND USES THEREOF**
[54] **COMPOSITIONS IMMUNOSTIMULATRICES COMPRENANT UN ISOLAT DE MIEL ET UTILISATIONS DE CELLES-CI**
[72] SIMS, IAN, NZ
[72] STEPHENS, JONATHAN MCDONALD COUNSELL, NZ
[72] SCHLOTHAUER, RALF CHRISTIAN, NZ
[72] GANNABATHULA, SWAPNA, NZ
[73] COMVITA NEW ZEALAND LIMITED, NZ
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[54] **DIAGNOSTIC METHOD FOR PREDICTING THE RESPONSE OF A PATIENT TO CHEMOVIROTHERAPY OR RADIOVIROTHERAPY**
[54] **PROCEDE DE DIAGNOSTIC POUR LA PREDICTION DE LA REPONSE D'UN PATIENT A UNE CHIMIO-VIROTHERAPIE OU A UNE RADIO-VIROTHERAPIE**
[72] GIESE, NATHALIA, DE
[72] WERNER, JENS, DE
[72] BUCHLER, MARKUS, DE
[72] GIESE, THOMAS, DE
[72] DAFFLER, LAURENT, DE
[72] CZIEPLUCH, CELINA, DE
[72] ROMMELAERE, JEAN, DE
[72] RAYKOV, ZAHARI, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTES, DE
[73] RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG, DE
[73] UNIVERSITATSKLINIKUM HEIDELBERG, DE
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[54] **METHOD AND SYSTEM FOR KNEE JOINT PATHOLOGY EVALUATION AND DIAGNOSTIC AID**
[54] **PROCEDE ET SYSTEME POUR L'AIDE A L'EVALUATION ET AU DIAGNOSTIC D'UNE PATHOLOGIE DE L'ARTICULATION DU GENOU**
[72] MEZGHANI, NEILA, CA
[72] DE GUISE, JACQUES, CA
[72] GRIMARD, GUY, CA
[72] BAILLARGEON, DAVID, CA
[72] OUAKRIM, YOUSSEF, CA
[72] PARENT, GERALD, CA
[72] FUENTES, ALEXANDRE, CA
[72] LAVIGNE, PATRICK, CA
[72] RANGER, PIERRE, CA
[73] EMOVI INC., CA
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[54] **SYSTEME GENERATEUR D'AEROSOL**
[72] MORAN, DECLAN, IE
[72] O'SULLIVAN, GAVAN, IE
[73] NORTEV LIMITED, IE
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[72] HANSSON, STIG, SE
[73] DENTSPLY IH AB, SE
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[54] **PROCESS FOR THE PREPARATION OF 5-SUBSTITUTED-8-ALKOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDIN-2-AMINES**
[54] **PROCEDE POUR LA PREPARATION DE 8-ALCOXY[1,2,4]TRIAZOLO[1,5-C]PYRIMIDIN-2-AMINES 5-SUBSTITUEES**
[72] BOTT, CRAIG, US
[72] HAMILTON, CHRISTOPHER T., US
[72] ROTH, GARY A., US
[73] DOW AGROSCIENCES LLC, US
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[72] COLLIE, CLIVE FREDERICK, GB
[72] HOLBROOK, ALAN ERNEST KINNAIRD, GB
[72] BEDWELL, DAVID, GB
[73] EDWARDS LIMITED, GB
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[54] **PORTION CAPSULE FOR PRODUCING A BEVERAGE**
[54] **DOSETTE POUR PREPARER UNE BOISSON**
[72] KRUEGER, MARC, DE
[72] SONDEREGGER, REMO, CH
[72] FISCHER, DANIEL, CH
[73] K-FEE SYSTEM GMBH, DE
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[54] **SYSTEME DE TRANSPORT D'OBJETS SUR VEHICULE**
[72] BROUSSEAU, IVAN, CA
[72] CHENEVERT, FRANCOIS, CA
[72] COTNOIR, THIERRY, CA
[72] MASSICOTTE, ALAIN, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] TREPANIER, JULIE, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
[85] 2012-08-31
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[25] EN
[54] **APPARATUS AND METHOD FOR TRANSITIONING ENHANCED SECURITY CONTEXT FROM A UTRAN/GERAN-BASED SERVING NETWORK TO AN E-UTRAN-BASED SERVING NETWORK**
[54] **APPAREIL ET PROCEDE POUR FAIRE PASSER CONTEXTE DE SECURITE OPTIMISEE D'UN RESEAU DE SERVICE A BASE UTRAN/GERAN A UN RESEAU DE SERVICE A BASE E-UTRAN**
[72] ESCOTT, ADRIAN EDWARD, US
[72] PALANIGOUNDER, ANAND, US
[73] QUALCOMM INCORPORATED, US
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[86] 2011-06-16 (PCT/US2011/040773)
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[54] **METHODS AND DEVICES FOR SELECTING OBJECTS IN IMAGES**
[54] **PROCEDES ET DISPOSITIFS POUR SELECTIONNER DES OBJETS DANS DES IMAGES**
[72] FYKE, STEVEN HENRY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802622)
[87] (2802622)
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[54] **PROTOCOL FOR CHANNEL STATE INFORMATION FEEDBACK**
[54] **PROTOCOLE POUR RETOUR D'INFORMATIONS D'ETAT DE CANAL**
[72] ABRAHAM, SANTOSH PAUL, US
[72] MERLIN, SIMONE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[73] QUALCOMM INCORPORATED, US
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[54] **CAPACITANCE ELECTRODE STRUCTURE FOR MEASURING MOISTURE**
[54] **STRUCTURE D'ELECTRODES CAPACITIVE POUR LA MESURE DE L'HUMIDITE**
[72] SAMMARTINI, MARCO, CH
[73] BRY-AIR PROKON SAGL, CH
[85] 2013-01-04
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[25] EN
[54] **METHOD FOR PREPARING POLY (ETHER KETONE KETONES)**
[54] **PROCEDE DE PREPARATION DE POLY(ETHERCETONE-CETONES)**
[72] TOWLE, IAN, GB
[73] KETONEX LIMITED, GB
[85] 2013-01-08
[86] 2010-07-09 (PCT/GB2010/001318)
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[54] **HYDROPROCESSING PROCESS WITH IMPROVED CATALYST ACTIVITY**
[54] **PROCEDE D'HYDROTRAITEMENT AVEC ACTIVITE CATALYTIQUE AMELIOREE**
[72] YAO, JIANHUA, US
[72] GHONASGI, DHANANJAY B., US
[72] XU, XIAOCHUN, US
[72] SWINNEY, LARRY D., US
[73] PHILLIPS 66 COMPANY, US
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[54] **URETHANE MODIFIED WATER-REDUCIBLE ALKYD RESIN COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE ALKYDE DILUABLES A L'EAU MODIFIEES PAR URETHANE**
[72] REIDLINGER, GERHARD, DR., AT
[73] ALLNEX AUSTRIA GMBH, AT
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[25] EN
[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DEUX CHAMBRES POURVUE D'UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] BATTLES, CHRISTOPHER A., US
[72] GLEASON, JAMES, US
[72] RADZIUNAS, JEFFREY, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **EXTERNAL HEATING TYPE COAL MATERIAL DECOMPOSITION APPARATUS WITH MULTIPLE TUBES**
[54] **DISPOSITIF DE DECOMPOSITION D'UNE MATIERE DE TYPE CHARBON POUR CHAUFFAGE EXTERNE DOTE DE PLUSIEURS TUYAUX**
[72] ZHU, SHUCHENG, CN
[73] XIXIA DRAGON INTO SPECIAL MATERIAL CO., LTD, CN
[85] 2013-01-28
[86] 2010-11-23 (PCT/CN2010/078982)
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[25] EN
[54] **CAPACITIVE TOUCH SCREEN HAVING DYNAMIC CAPACITANCE CONTROL AND IMPROVED TOUCH-SENSING**
[54] **ECRAN TACTILE CAPACITIF AYANT UNE COMMANDE DE CAPACITE DYNAMIQUE ET UNE DETECTION DE TOUCHER AMELIOREE**
[72] WADIA, BAHAR N., US
[73] UICO, INC., US
[85] 2013-02-01
[86] 2011-08-29 (PCT/US2011/049590)
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[25] EN
[54] **METHOD AND APPARATUS FOR CONVERSION OF GPS HEADING DATA FOR USE BY ELECTRONIC FLIGHT DIRECTOR**
[54] **METHODE ET APPAREIL DE CONVERSION DE DONNEES GPS SUR L'INFORMATION DE CAP POUVANT ETRE UTILISEES PAR UN DIRECTEUR DE VOL ELECTRONIQUE**
[72] STRICKLING, JAMES EUGENE, US
[73] L-3 COMMUNICATIONS CORPORATION, US
[86] (2809794)
[87] (2809794)
[22] 2013-03-15
[30] US (61/612,760) 2012-03-19
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[13] C
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[73] RARITAN AMERICAS, INC., US
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[54] **METHODE DE CONTROLE DE PROFONDEUR D'UN SYSTEME D'ENTRAINEMENT DE LANCETTE ET METHODES DE POSITIONNEMENT DE BANDE DE TEST**
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[54] **SYSTEME ET PROCEDE DE PARTAGE DE DONNEES PARMI MULTIPLES DISPOSITIFS ELECTRONIQUES**
[72] EARNSHAW, ANDREW MARK, CA
[72] WENG, JIANFENG, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF PORTATIF D'ENTRAINEMENT AU TENNIS DE TABLE ET LES METHODES D'UTILISATION ASSOCIEES**
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[54] **PIED DE SUPPORT POUR EXERCER ET REPARTIR DES FORCES SUR UN SUBSTRAT A PRESSION AINSI QU'UN SYSTEME DE SUPPORT POURVU D'UN TEL PIED DE SUPPORT**
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[72] ZENG, CHONGSHENG, CN
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[54] **NANOSTRUCTURE D'UN AGENT REVITALISANT ET PROCEDE DE PRODUCTION D'UNE FORME STABLE D'UNE NANOSTRUCTURE D'UN AGENT REVITALISANT**
[72] ZOZULYA, VLADIMIR LEONIDOVICH, UA
[72] ZOZULYA, SERGEI LEONIDOVICH, UA
[72] ALEXANDROV, SERGEI NIKOLAEVICH, UA
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[72] ISAACS, CHRISTIAN, US
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[54] **APPAREIL D'INSPECTION D'ISOLANT ET METHODE**
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[72] DE BEER, ANTONIUS LAMBERTUS, US
[72] ISELE, OLAF ERIK ALEXANDER, US
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[54] **REGULATION DE TEMPERATURE POUR UN PROCEDE DE TRAITEMENT DE MOUSSE DE BITUME AVEC CHAUFFAGE DE COMPENSATION DE COURANTS DE SOLVANT**
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[72] HANN, THOMAS CHARLES, CA
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[72] CURBELO, RAUL HUGO, US
[72] ELKINS, ELIZABETH WINTERS, US
[72] MCGRATH, CHRISTIE PATRICK, US
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[54] **COMMANDE D'AMPLITUDE DANS ENVIRONNEMENT A CHARGE VARIABLE**
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[72] VIRDEN, PAUL, US
[73] LANDIS+GYR TECHNOLOGIES, LLC, US
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[54] **SYSTEME AUDIOVISUEL SANS FIL A APPAIRAGE AUTOMATIQUE**
[72] MAFFETONE, GERALD J., US
[73] ASA ELECTRONICS, INC., US
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[54] **PROCEDE DE FILTRAGE A DEUX ETAGES POUR SUIVI DE CIBLES MULTIPLES**
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[72] NOURELDIN, ABOELMAGD, CA
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[54] **COMPOUNDS FOR INFLAMMATION AND IMMUNE-RELATED USES**
[54] **COMPOSES POUR UNE INFLAMMATION ET DES UTILISATIONS APPARENTEES AU SYSTEME IMMUNITAIRE**
[72] CHEN, SHOUJUN, US
[72] BOHNERT, GARY, US
[72] JIANG, JUN, US
[72] XIA, ZHIQIANG, US
[73] SYNTA PHARMACEUTICALS CORP., US
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[54] **COMPOSITIONS COMPRENANT UN AGENT COMPLEXANT DE GRAISSE ALIMENTAIRE ET LEURS PROCEDES D'UTILISATION**
[72] JEN, CATHERINE, US
[72] ARTISS, JOSEPH D., CA
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[54] **SYSTEME ET METHODE DE GEOREPERAGE**
[72] RESHETNYAK, MYKHAYLO MICHAEL, CA
[72] NURSIMULU, KHENAIDOO, CA
[72] LI, ANDREW ANDREY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MRI COMPATIBLE MEDICAL DEVICE TEMPERATURE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE TEMPERATURE DE DISPOSITIF MEDICAL COMPATIBLE AVEC UNE IRM**
[72] JESTER, STEVEN J., US
[72] STENZEL, GREGG S., US
[72] WEDAN, STEVEN R., US
[72] GABRAIL, PETER, US
[73] IMRICOR MEDICAL SYSTEMS, INC., US
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[54] **ELEMENTS SYNTAXIQUES DE SIGNALISATION POUR DES COEFFICIENTS DE TRANSFORMEE DESTINES A DES SOUS-ENSEMBLES D'UNE UNITE DE CODAGE DE NIVEAU FEUILLE**
[72] KARCZEWICZ, MARTA, US
[72] WANG, XIANGLIN, US
[72] GUO, LIWEI, US
[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE D'INTERPOLATION D'IMAGES UTILISANT UN FILTRE D'INTERPOLATION ASYMETRIQUE ET APPAREIL CORRESPONDANT**
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[72] ALSHIN, ALEXANDER, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **SHAPE MEMORY ALLOY ACTUATION SYSTEM FOR VARIABLE AREA FAN NOZZLE**
[54] **SYSTEME D'ACTIONNEMENT PAR ALLIAGE A MEMOIRE DE FORME POUR TUYERE DE SOUFFLANTE A SECTION VARIABLE**
[72] JASKLOWSKI, CHRISTOPHER T., US
[73] THE BOEING COMPANY, US
[86] (2843567)
[87] (2843567)
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[54] **STONE SAW**
[54] **SCIE A PIERRES**
[72] KAHKONEN, MIKA, FI
[72] KAHKONEN, MARKO, FI
[73] NURMEKSEN TYOSTO JA TARVIKE OY, FI
[86] (2843573)
[87] (2843573)
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[54] **SENSOR NETWORK USING PULSE WIDTH MODULATED SIGNALS**
[54] **RESEAU DE CAPTEUR UTLISANT DES SIGNAUX MODULES PAR LARGEUR D'IMPULSION**
[72] RAY, GARY A., US
[72] PETRE, PETER, US
[73] THE BOEING COMPANY, US
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[87] (2845472)
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[54] **PLASMA TORCH AND COMPONENTS**
[54] **TORCHE PLASMA ET COMPOSANTS**
[72] LEITERITZ, NATHAN GERALD, US
[72] CROWE, GEORGE ARTHUR, US
[72] KUSAK, TOMAS, US
[72] LAPCIK, ZDENEK, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEM, METHOD AND APPARATUS FOR UNDER DECK DRAINAGE**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DRAINAGE SOUS UNE TERRASSE**
[72] SHAW, ROBERT D., US
[72] GILBERT, THOMAS C., US
[72] STUCKY, DAVID J., US
[72] WHITNEY, NIKKI J., US
[72] WOOD, LUCAS D., US
[72] STEFFES, STEPHEN W., US
[73] CERTAINTEED CORPORATION, US
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[54] **RECESSED LED LIGHT FIXTURE**
[54] **LUMINAIRE A DEL ENCASTRE**
[72] MADDEN, JAMES, US
[72] CHANG, SETH, US
[72] NGUYEN, HUAN C., US
[72] JECEN, JOSEPH C., US
[73] CORDELIA LIGHTING INC., US
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[54] **WINDOW COUNTERBALANCE SYSTEM**
[54] **SYSTEME DE CONTREPOIDS DE FENETRE**
[72] DENORMAND, RICHARD S., US
[72] RODEMS, ERIC, US
[72] SOFIANEK, JAY, US
[72] LUCCI, ROBERT M., US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[87] (2846728)
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[54] **MEANS FOR CONTROLLED SEALING OF ENDOVASCULAR DEVICES**
[54] **MOYENS POUR L'ETANCHEIFICATION CONTROLEE DE DISPOSITIFS ENDOVASCULAIRES**
[72] SOMMER-KNUDSEN, JENS, AU
[72] MITRA, ASHISH SUDHIR, AU
[72] NG, MARTIN KEAN CHONG, AU
[72] WONG, PAK MAN VICTOR, AU
[72] BOBILLIER, BEN COLIN, AU
[73] ENDOLUMINAL SCIENCES PTY LTD., AU
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[54] **CONVERSION OF SULFURIC ACID ALKYLATION UNITS FOR IONIC LIQUID CATALYZED ALKYLATION PROCESSES**
[54] **CONVERSION D'UNITES D'ALKYLATION D'ACIDE SULFURIQUE POUR DES PROCEDES D'ALKYLATION CATALYSES PAR UN LIQUIDE IONIQUE**
[72] CLEVERDON, ROBERT FLETCHER, US
[72] PHILLIPS, CHRISTINE MARIE, US
[72] TIMKEN, HYE KYUNG CHO, US
[73] CHEVRON U.S.A. INC., US
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[25] EN
[54] **REAL-TIME FEEDBACK CONTROL FOR PERFORMING TOOLING OPERATIONS IN ASSEMBLY PROCESSES**
[54] **CONTROLE DE RETROACTION EN TEMPS REEL POUR L'EXECUTION D'OPERATIONS D'OUTILLAGE DANS LES PROCEDES D'ASSEMBLAGE**
[72] TOH, CHIN H., US
[73] THE BOEING COMPANY, US
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[54] **INSTRUMENTED CORE BARRELS AND METHODS OF MONITORING A CORE WHILE THE CORE IS BEING CUT**
[54] **TUBES CAROTTIERS MUNIS D'INSTRUMENTS ET PROCEDES DE SURVEILLANCE D'UNE CAROTTE PENDANT SA DECOUPE**
[72] BITTAR, MICHAEL S., US
[72] WEAVER, GARY E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BREAST IMPLANT WITH LOW COEFFICIENT OF FRICTION BETWEEN INTERNAL SHELLS IN AN AQUEOUS FLUID ENVIRONMENT**
[54] **IMPLANT MAMMAIRE A FAIBLE COEFFICIENT DE FROTTEMENT ENTRE LES COQUES INTERNES DANS UN ENVIRONNEMENT FLUIDE AQUEUX**
[72] HAMAS, ROBERT S., US
[72] BACK, DWIGHT D., US
[72] YACOUB, KEVIN, US
[73] IDEAL IMPLANT INCORPORATED, US
[85] 2014-05-02
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[25] EN
[54] **METHOD AND DEVICE FOR ESTABLISHING A BOREHOLE IN THE SEABED**
[54] **PROCEDE ET DISPOSITIF POUR ETABLIR UN FORAGE DANS LE FOND DE L'OCEAN**
[72] HAMMERSMARK, JON ARNE, NO
[72] EIKEMO, BERNT, NO
[73] ENHANCED DRILLING AS, NO
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[54] **MANGEOIRE A OISEAUX EN FORME DE LANTERNE**
[72] COTE, PAUL L., CA
[73] PLC PATENTS AND TRADE MARKS INC., CA
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[54] **FERROFLUID MOTOR**
[54] **MOTEUR FERROFLUIDIQUE**
[72] DETLOFF, SHAUN, US
[73] THE BOEING COMPANY, US
[86] (2855332)
[87] (2855332)
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[30] US (14/027,240) 2013-09-15

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[54] **RASOIR DISTRIBUTEUR DE FLUIDE**
[72] XU, XIAOLAN, SG
[72] WAIN, KEVIN JAMES, GB
[73] THE GILLETTE COMPANY LLC, US
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[25] EN
[54] **COATING COMPOSITION FOR A FOOD OR BEVERAGE CAN**
[54] **COMPOSITION DE REVETEMENT POUR UNE BOITE D'ALIMENT OU DE BOISSON**
[72] LOCK, KAM, GB
[72] DUCROCQ, M. LAUDINE, FR
[72] MARAL, JEAN-LUC, FR
[72] SMETS, GREGORY, FR
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-05-30
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[25] EN
[54] **SYSTEMS AND METHODS TO FACILITATE A REQUEST FOR OILFIELD SERVICES USING A DATA TRANSFER PROTOCOL**
[54] **SYSTEMES ET PROCEDES POUR FACILITER UNE REQUETE POUR DES SERVICES PETROLIERS A L'AIDE D'UN PROTOCOLE DE TRANSFERT DE DONNEES**
[72] TAIT, COLIN A., US
[72] SCHAVE, ROBERT A., US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **MODULAR EQUIPMENT CENTER DISTRIBUTED PRIMARY POWER ARCHITECTURE**
[54] **ARCHITECTURE D'ALIMENTATION PRIMAIRE DISTRIBUEE POUR CENTRES D'EQUIPEMENT MODULAIRES**
[72] SHANDER, MARK S., US
[72] LIFFRING, MARK E., US
[72] BROUWER, TODD B., US
[72] JOHNSON, ROBERT T., US
[72] KERR, CAROLYN, US
[72] PETERS, JOHN T., US
[72] JACKSON, TIMOTHY E., US
[72] HASENOEHRL, THOMAS R., US
[72] WALSTROM, STEVEN M., US
[72] NORDSIECK, ARNOLD W., US
[72] SPRINGGAY, ROBERT L., US
[73] THE BOEING COMPANY, US
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[87] (2858322)
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[30] US (14/052,327) 2013-10-11

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[51] **Int.Cl. A61N 1/36 (2006.01) A61F 9/00 (2006.01) A61H 23/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR EYELID SIMULATION**
[54] **SYSTEME ET PROCEDE DE STIMULATION DE PAUPIERE**
[72] LINDENTHALER, WERNER, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2014-06-06
[86] 2012-12-14 (PCT/US2012/069790)
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[30] US (61/570,409) 2011-12-14

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[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/407 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **SOLID FORMS OF (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE HYDROCHLORIDE**
[54] **FORMES SOLIDES DE CHLORHYDRATE DE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO-[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**
[72] KLUGE, STEFAN, CH
[72] GRUSS, MICHAEL, DE
[72] SIEBER, ANDREAS, CH
[73] GRUNENTHAL GMBH, DE
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[54] **RECEPTEUR DE COMMUNICATIONS PAR LIGNES DE TRANSPORT D'ELECTRICITE**
[72] GLENDE, JAMES HILMER, US
[73] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2014-06-20
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[51] **Int.Cl. H04M 3/00 (2006.01) H04M 3/56 (2006.01) H04N 7/15 (2006.01)**
[25] EN
[54] **COMMUNICATION MANAGEMENT SYSTEM, COMMUNICATION SYSTEM, COMPUTER-READABLE RECORDING MEDIUM, AND MAINTENANCE SYSTEM**
[54] **SYSTEME DE GESTION DE COMMUNICATION, SYSTEME DE COMMUNICATION, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR ET SYSTEME DE MAINTENANCE**
[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-06-25
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[30] JP (2011-285768) 2011-12-27
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[51] **Int.Cl. B64C 3/18 (2006.01) B29C 35/02 (2006.01) B32B 1/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES**
[54] **SYSTEMES ET PROCEDES DE CONSTRUCTION D'ENSEMBLES COMPOSITES**
[72] MEASOM, RONALD J., US
[72] RAINS, MITCHELL ELVIN, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2861312)
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[30] US (14/015,576) 2013-08-30

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF AN AQUEOUS SOLUTION COMPRISING AT LEAST ONE EARTH ALKALI HYDROGEN CARBONATE AND ITS USE**
[54] **PROCEDE POUR LA PREPARATION D'UNE SOLUTION AQUEUSE COMPRENANT AU MOINS UN CARBONATE D'HYDROGENE ALCALINO-TERREUX ET SON UTILISATION**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A. C., CH
[72] BLUM, RENE VINZENZ, CH
[72] POFFET, MARTINE, CH
[73] OMYA INTERNATIONAL AG, CH
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[30] US (61/597,193) 2012-02-10

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[25] EN
[54] **MULTI-MODE AUDIO CODEC AND CELP CODING ADAPTED THEREFORE**
[54] **CODEC AUDIO MULTIMODE ET CODAGE CELP ADAPTE A CE CODEC**
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] MULTRUS, MARKUS, DE
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2862712)
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[54] **MULTI-MODE AUDIO CODEC AND CELP CODING ADAPTED THEREFORE**
[54] **CODEC AUDIO MULTIMODE ET CODAGE CELP ADAPTE A CE CODEC**
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[72] FUCHS, GUILLAUME, DE
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[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **DETERMINING CONTEXTS FOR CODING TRANSFORM COEFFICIENT DATA IN VIDEO CODING**
[54] **DETERMINATION DE CONTEXTES POUR CODER DES DONNEES DE COEFFICIENT DE TRANSFORMEE EN CODAGE VIDEO**
[72] SEREGIN, VADIM, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-07-08
[86] 2013-01-11 (PCT/US2013/021261)
[87] (WO2013/106729)
[30] US (61/586,668) 2012-01-13
[30] US (61/588,595) 2012-01-19
[30] US (61/597,097) 2012-02-09
[30] US (13/738,574) 2013-01-10

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[13] C
[51] **Int.Cl. A61K 39/15 (2006.01)**
[25] EN
[54] **ROTAVIRUS SUBUNIT VACCINES AND METHODS OF MAKING AND USE THEREOF**
[54] **VACCINS SOUS-UNITAIRES ANTIROTAVIRUS ET LEURS PROCEDES DE FABRICATION ET UTILISATION**
[72] BEY, RUSSELL F., US
[72] SIMONSON, RANDY R., US
[72] SIRIGIREDDY, KAMESH REDDY, US
[72] HAUSE, BENJAMIN MATTHEW, US
[73] MERIAL, INC., US
[85] 2014-08-07
[86] 2013-02-14 (PCT/US2013/026179)
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[30] US (61/598,624) 2012-02-14

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[51] **Int.Cl. H04W 74/08 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFER OF A MESSAGE ON A COMMON CONTROL CHANNEL FOR RANDOM ACCESS IN A WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDE ET APPAREIL POUR LE TRANSFERT D'UN MESSAGE SUR UN CANAL DE SIGNALISATION COMMUN POUR L'ACCES ALEATOIRE DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] KITAZOE, MASATO, US
[72] MEYLAN, ARNAUD, US
[73] QUALCOMM INCORPORATED, US
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[87] (2864505)
[22] 2008-12-19
[62] 2,705,343
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[25] EN
[54] **STEEL SHEET FOR HOT STAMPING, METHOD FOR PRODUCTION THEREOF, AND HOT STAMPING STEEL MATERIAL**
[54] **TOLE D'ACIER DESTINEE A L'EMBOUTISSAGE A CHAUD, SON PROCEDE DE PRODUCTION ET MATERIAU EN ACIER EMBOUTI A CHAUD**
[72] TANAHASHI, HIROYUKI, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-08-28
[86] 2013-03-05 (PCT/JP2013/055992)
[87] (WO2013/133270)
[30] JP (2012-050935) 2012-03-07

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[25] EN
[54] **WOUND CARE ARRANGEMENT AND COVERING UNIT THEREFOR**
[54] **DISPOSITIF DE SOIN DES PLAIES ET SON MOYEN DE RECOUVREMENT**
[72] GRILLITSCH, PETER, AT
[72] DANEI, FEDERICO, AT
[72] STEINLECHNER, ERIK, AT
[72] KAINZ, SONJA, AT
[73] LOHMANN & RAUSCHER GMBH, AT
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[51] **Int.Cl. A23K 20/163 (2016.01) A23K 20/121 (2016.01) A23K 50/10 (2016.01)**
[25] EN
[54] **FEED COMPOSITION FOR REDUCING RUMINANT METHANOGENESIS**
[54] **COMPOSITION D'ALIMENTATION PERMETTANT DE REDUIRE LA METHANOGENESE DES RUMINANTS**
[72] BALCELLS TERES, JOAQUIM, ES
[72] CRESPO MONTERO, FRANCISCO JAVIER, ES
[73] INTERQUIM, S.A., ES
[85] 2014-09-29
[86] 2013-04-18 (PCT/EP2013/058113)
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[30] EP (12164765.5) 2012-04-19

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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/03 (2006.01) C09K 8/56 (2006.01) C09K 8/62 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHODS OF USING NANOPARTICLE SUSPENSION AIDS IN SUBTERRANEAN OPERATIONS**
[54] **PROCEDES D'UTILISATION D'AUXILIAIRES DE SUSPENSION DE NANOPARTICULES DANS DES OPERATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP, US
[72] LORD, PAUL D., US
[72] RICKMAN, RICHARD D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-03
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[30] US (13/529,413) 2012-06-21

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[13] C
[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 8/0202 (2016.01) H01M 4/88 (2006.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL, FUEL CELL STACK, AND METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY**
[54] **ENSEMBLE MEMBRANE-ELECTRODE, PILE A COMBUSTIBLE, EMPILEMENT DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION D'UN ENSEMBLE MEMBRANE-ELECTRODE**
[72] SHIOMI, TAKESHI, JP
[72] AOKI, OSAMU, JP
[72] IRITSUKI, KEITA, JP
[72] SATOU, KAZUYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-10-03
[86] 2013-04-04 (PCT/JP2013/002348)
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[30] JP (2012-085610) 2012-04-04
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[51] **Int.Cl. G02B 6/122 (2006.01) G02B 6/30 (2006.01) G02F 1/035 (2006.01)**
[25] EN
[54] **OPTICAL MODULE**
[54] **MODULE OPTIQUE**
[72] SHIKAMA, KOTA, JP
[72] ASAKAWA, SHUICHIRO, JP
[72] ARATAKE, ATSUSHI, JP
[72] TSUZUKI, KEN, JP
[72] MINO, SHINJI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[51] **Int.Cl. E21B 17/04 (2006.01) E21B 17/06 (2006.01) E21B 19/18 (2006.01)**
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[54] **PRESSURE ACTIVATED CONTINGENCY RELEASE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIBERATION DE CONTINENCE ACTIVEE PAR PRESSION**
[72] NOFFKE, RICHARD PAUL, US
[72] STAUTZENBERGER, ARTHUR TERRY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-08
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[54] **DRILLING ASSEMBLY WITH HIGH-SPEED MOTOR GEAR SYSTEM**
[54] **ENSEMBLE DE FORAGE EQUIPE D'UN SYSTEME D'ENGRENAGES POUR MOTEUR A HAUTE VITESSE**
[72] STRITTMATTER, ANDREW JEROME, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-10
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[25] EN
[54] **APPARATUS AND METHOD FOR PRIMING A MOLTEN METAL FILTER**
[54] **APPAREIL ET PROCEDE D'AMORCAGE D'UN METAL FONDU**
[72] KENNEDY, MARK WILLIAM, NO
[72] AKHTAR, SHAHID, NO
[72] FRITZSCH, ROBERT, DE
[72] BAKKEN, JON ARNE, NO
[72] AUNE, RAGNHILD ELISABETH, SE
[73] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
[85] 2014-10-22
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[51] **Int.Cl. G10L 19/022 (2013.01) G10L 19/02 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **AUDIO ENCODER AND DECODER FOR ENCODING AND DECODING AUDIO SAMPLES**
[54] **ENCODEUR ET DECODEUR AUDIO POUR ENCODER ET DECODER DES ECHANTILLONS AUDIO**
[72] LECOMTE, JEREMIE, DE
[72] GOURNAY, PHILIPPE, CA
[72] BAYER, STEFAN, DE
[72] MULTRUS, MARKUS, DE
[72] BESSETTE, BRUNO, CA
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[87] (2871498)
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[54] **CATHETER AND GUIDE TUBE FOR INTRACEREBRAL APPLICATION**
[54] **CATHETER ET TUBE DE GUIDAGE DESTINES A DES APPLICATIONS INTRACEREBRALES**
[72] GILL, STEVEN STREATFIELD, GB
[73] RENISHAW PLC, GB
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[87] (2872998)
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[54] **FLEXIBLE CONTAINERS**
[54] **RECIPIENTS FLEXIBLES**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-05
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[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
[30] US (61/680,045) 2012-08-06
[30] US (61/727,961) 2012-11-19
[30] US (61/780,039) 2013-03-13
[30] US (61/782,219) 2013-03-14
[30] US (61/782,951) 2013-03-14
[30] US (61/782,859) 2013-03-14
[30] US (61/782,757) 2013-03-14
[30] US (61/789,135) 2013-03-15

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[13] C
[51] **Int.Cl. B65B 1/02 (2006.01) B65B 1/30 (2006.01) G01F 11/28 (2006.01) G01G 19/32 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING BAGS WITH A METERED QUANTITY OF BULK MATERIAL, APPARATUS AND AUTOMATIC MACHINE FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE REMPLISSAGE DE SACS AVEC UNE QUANTITE MESUREE D'UN MATERIAU EN VRAC, APPAREIL ET MACHINE AUTOMATIQUE DE MISE EN OEUVRE DU PROCEDE**
[72] CANESTRI, PAOLO, IT
[72] CECCACCI, GIANNI, IT
[72] CONCETTI, TEODORO, IT
[73] CONCETTI S.P.A., IT
[86] (2874893)
[87] (2874893)
[22] 2014-12-11
[30] IT (MI2013A002210) 2013-12-27

[11] **2,875,423**
[13] C
[51] **Int.Cl. F04B 53/18 (2006.01) F04B 47/12 (2006.01) F16F 9/19 (2006.01) F16F 9/34 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DAMPENER LUBRICATOR FOR PLUNGER LIFT SYSTEM**
[54] **LUBRIFICATEUR AMORTISSEUR POUR SYSTEME DE REMONTEE A PLONGEUR**
[72] AGARWAL, MANISH, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2875423)
[87] (2875423)
[22] 2014-12-19
[30] US (14/137,145) 2013-12-20

[11] **2,875,479**
[13] C
[51] **Int.Cl. B03D 1/16 (2006.01)**
[25] EN
[54] **FLOTATION MACHINE ROTOR**
[54] **ROTOR DE MACHINE DE FLOTTAISON**
[72] YOON, ROE-HOAN, US
[72] LUTTRELL, GERALD, US
[72] RAGAB, SAAD, US
[72] TELIONIS, DEMETRI, US
[72] SAID, ABDEL-HALIM, EG
[72] MISKOVIC, SANJA, US
[72] NOBLE, AARON, US
[72] YANG, YIHONG, US
[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[85] 2014-12-02
[86] 2013-05-08 (PCT/US2013/040057)
[87] (WO2014/003894)
[30] US (13/535,566) 2012-06-28

[11] **2,875,593**
[13] C
[51] **Int.Cl. B25B 27/00 (2006.01) B25B 7/02 (2006.01)**
[25] EN
[54] **LUG NUT CAP REMOVER PLIERS**
[54] **PINCE D'EXTRACTION DE CALOTTE D'ECROU DE ROUE**
[72] RAMPERSAD, NEIL, CA
[72] ST. GELAIS, DAN, CA
[73] RAMPERSAD, NEIL, CA
[73] ST. GELAIS, DAN, CA
[85] 2014-12-03
[86] 2012-06-26 (PCT/IB2012/053213)
[87] (WO2014/001839)

[11] **2,876,488**
[13] C
[51] **Int.Cl. B25B 21/00 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **ELECTRIC RATCHET WRENCH**
[54] **CLE A ROCHET ELECTRIQUE**
[72] HU, BOBBY, TW
[72] LO, CHI-JUI, TW
[73] HU, BOBBY, TW
[86] (2876488)
[87] (2876488)
[22] 2015-01-05
[30] TW (103131287) 2014-09-11

[11] **2,877,544**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) F16K 31/08 (2006.01) F16K 35/16 (2006.01)**
[25] EN
[54] **FLUID FLOW CONTROL DEVICES, ROTORS AND MAGNETS WITH INCREASED RESISTANCE TO INADVERTENT SETTING CHANGE AND IMPROVED ACCESSORY TOOL COUPLING**
[54] **DISPOSITIFS DE REGULATION D'ECOULEMENT DE FLUIDE, ROTORS ET AIMANTS A RESISTANCE ACCRUE CONTRE UNE MODIFICATION ACCIDENTELLE DE REGLAGE ET COUPLAGE AMELIORE D'OUTILS ACCESSOIRES**
[72] BERTRAND, W. JEFF, US
[72] SPECKMAN, LORI, US
[72] LUEDI, MANFRED KARL, US
[72] LUENG, CHUN MAN ALAN, US
[72] HAMPTON, LAWRENCE, US
[72] SHAH, DEEP, US
[73] MEDTRONIC XOMED, INC., US
[85] 2014-12-19
[86] 2013-03-14 (PCT/US2013/031631)
[87] (WO2013/191766)
[30] US (61/662,664) 2012-06-21

[11] **2,877,604**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF RESOLVING A DOMAIN NAME**
[54] **SYSTEME ET PROCEDE DE RESOLUTION D'UN NOM DE DOMAINE**
[72] BULLEY, CHRISTOPHER, CA
[72] GRAHAM, ROBERT, CA
[72] LADANYI, MICHAEL, CA
[73] CRB CONSULTING INC., CA
[85] 2014-12-22
[86] 2013-07-04 (PCT/CA2013/000597)
[87] (WO2014/000088)
[30] US (13,531,909) 2012-06-25

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[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) B08B 9/04 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01) F16L 55/26 (2006.01) F16L 55/46 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLES POUR LA MISE A NIVEAU D'UN COURANT D'HUILE DE PYROLYSE ET D'UN COURANT D'HYDROCARBURES**
[72] KULPRATHIPANJA, SATHIT, US
[72] PALMAS, PAOLO, US
[72] BAIRD, LANCE AWENDER, US
[73] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040851)
[87] (WO2014/021974)
[30] US (13/563,125) 2012-07-31

[11] **2,878,917**
[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLE POUR VALORISER UN COURANT D'HUILE PYROLYTIQUE ET UN COURANT D'HYDROCARBURE**
[72] BAIRD, LANCE AWENDER, US
[72] PALMAS, PAOLO, US
[72] KULPRATHIPANJA, SATHIT, US
[73] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040879)
[87] (WO2014/021975)
[30] US (13/563,172) 2012-07-31

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[13] C
[51] **Int.Cl. A01G 31/00 (2006.01) A01D 44/00 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **FLOATING TREATMENT BED FOR PLANTS**
[54] **LIT DE TRAITEMENT FLOTTANT POUR VEGETAUX**
[72] CURRY, MICHAEL F., CA
[73] CURRY, MICHAEL F., CA
[86] (2879781)
[87] (2879781)
[22] 2015-01-26

[11] **2,879,806**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **DOWN-HOLE MONITORING AND SURVEY SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE RECONNAISSANCE DE FOND DE FORAGE**
[72] MAHER, AARON COPE, AU
[72] MAHER, DION JAYE, AU
[72] CROUCH, ADRIAN JAMES, AU
[72] LANE, CHRISTOPHER DAVID, AU
[73] PRECISION SYSTEMS INTERNATIONAL IP PTY LTD, AU
[85] 2015-01-22
[86] 2013-07-25 (PCT/AU2013/000817)
[87] (WO2014/015372)
[30] AU (2012903170) 2012-07-25

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[13] C
[51] **Int.Cl. A41D 1/00 (2006.01) A41F 19/00 (2006.01)**
[25] EN
[54] **KIMONO**
[54] **KIMONO**
[72] INOUE, TOMOKO, JP
[72] HOSOKAWA, CHIE, JP
[73] INOUE, TOMOKO, JP
[73] HOSOKAWA, CHIE, JP
[85] 2015-01-22
[86] 2013-07-23 (PCT/JP2013/069849)
[87] (WO2014/034325)
[30] JP (2012-185994) 2012-08-27

[11] **2,880,891**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **DECODER AND METHOD FOR MULTI-INSTANCE SPATIAL-AUDIO-OBJECT-CODING EMPLOYING A PARAMETRIC CONCEPT FOR MULTICHANNEL DOWNMIX/UPMIX CASES**
[54] **DECODEUR ET PROCEDE POUR CODAGE D'OBJET AUDIO SPATIAL MULTI-INSTANCES EMPLOYANT UN CONCEPT PARAMETRIQUE POUR DES CAS DE MELANGE VERS LE BAS/HAUT MULTI-CANAUX**
[72] KASTNER, THORSTEN, DE
[72] HERRE, JURGEN, DE
[72] TERENTIV, LEON, DE
[72] HELLMUTH, OLIVER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-02-02
[86] 2013-08-05 (PCT/EP2013/066374)
[87] (WO2014/020181)
[30] US (61/679,412) 2012-08-03

[11] **2,881,038**
[13] C
[51] **Int.Cl. E05D 15/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONTROLLING THE MOTION OF A SLIDING DOOR**
[54] **APPAREIL DE CONTROLE DU MOUVEMENT D'UNE PORTE COULISSANTE**
[72] PARON, GREGORY JOHN, CA
[73] K.N. CROWDER MFG. INC., CA
[86] (2881038)
[87] (2881038)
[22] 2015-02-05

[11] **2,881,807**
[13] C
[51] **Int.Cl. G01V 1/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGING SEISMIC DATA**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'IMAGER DES DONNEES SISMIQUES**
[72] JIANG, FAN, US
[72] JIN, SHENGWEN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-02-11
[86] 2012-08-17 (PCT/US2012/051387)
[87] (WO2014/028030)

[11] **2,882,168**
[13] C
[51] **Int.Cl. H02G 15/00 (2006.01) H02G 3/06 (2006.01) H02G 15/02 (2006.01)**
[25] EN
[54] **CABLE RESTRAIN DEVICE WITH DUAL-MATERIAL DOUBLE WEDGE CHUCK**
[54] **DISPOSITIF DE RETENUE DE CABLE COMPORTANT UN MANDRIN A DOUBLE CALE FAIT DE DEUX MATERIAUX**
[72] PELLETIER, JEAN-MICHEL, CA
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2882168)
[87] (2882168)
[22] 2015-02-17
[30] US (14/217,720) 2014-03-18

[11] **2,882,436**
[13] C
[51] **Int.Cl. F25D 23/06 (2006.01) F25D 23/02 (2006.01) F25D 23/04 (2006.01)**
[25] EN
[54] **REFRIGERATOR AND MANUFACTURING METHOD THEREOF**
[54] **REFRIGERATEUR ET SON PROCEDE DE FABRICATION**
[72] KIM, KI YOUN, KR
[72] YANG, SEUNG YONG, KR
[72] LEE, JEE HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-02-19
[86] 2013-08-30 (PCT/KR2013/007826)
[87] (WO2014/035186)
[30] KR (10-2012-0097373) 2012-09-03

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[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/42 (2006.01) C09K 8/44 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **THERMALLY-ACTIVATED, HIGH-TEMPERATURE PARTICULATE SUSPENDING AGENTS AND METHODS RELATING THERETO**
[54] **AGENTS DE MISE EN SUSPENSION DE PARTICULES A TEMPERATURE ELEVEE, ACTIVES THERMIQUEMENT, ET PROCEDES APPARENTES CORRESPONDANTS**
[72] FUNKHOUSER, GARY P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-18
[86] 2013-09-12 (PCT/US2013/059373)
[87] (WO2014/046953)
[30] US (13/622,005) 2012-09-18

[11] **2,884,278**
[13] C
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/2343 (2011.01) H04N 19/136 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **BITSTREAM CONFORMANCE TEST IN VIDEO CODING**
[54] **TEST DE CONFORMITE D'UN TRAIN DE BITS DANS LE VIDEOCODAGE**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-06
[86] 2013-09-18 (PCT/US2013/060403)
[87] (WO2014/047178)
[30] US (61/705,102) 2012-09-24
[30] US (13/918,062) 2013-06-14

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[13] C
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING A BANDWIDTH EXTENDED SIGNAL FROM A BANDWIDTH LIMITED AUDIO SIGNAL**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE GENERER UN SIGNAL DE BANDE PASSANTE ETENDU A PARTIR D'UN SIGNAL AUDIO LIMITE DE BANDE PASSANTE**
[72] NAGEL, FREDERIK, DE
[72] WILDE, STEPHAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-03-10
[86] 2013-09-11 (PCT/EP2013/068808)
[87] (WO2014/041020)
[30] EP (12184706.5) 2012-09-17

[11] **2,884,754**
[13] C
[51] **Int.Cl. C22C 21/00 (2006.01) C21D 9/00 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THERMALLY TREATING AN ALUMINIUM WORKPIECE AND ALUMINIUM WORKPIECE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRAITER THERMIQUEMENT UNE PIECE A TRAVAILLER EN ALUMINIUM, ET PIECE A TRAVAILLER EN ALUMINIUM**
[72] JUPP, SIMON, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2015-03-12
[86] 2013-09-26 (PCT/EP2013/070096)
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[54] **LOCATING PARTS WITH ELECTROMAGNETIC IDENTIFICATION (EMID) TAGS FOR CONTEXTUAL VISUALIZATION**
[54] **REPERAGE DE PIECES A L'AIDE D'ETIQUETTES D'IDENTIFIANT ELECTROMAGNETIQUE A DES FINS DE VISUALISATION CONTEXTUELLE**
[72] KUMAR, ANIL, US
[72] LI, WINFENG, US
[72] AYYAGARI, ARUN, US
[72] UNG, KEVIN Y., US
[72] SHETTY, SUDHAKAR S., US
[73] THE BOEING COMPANY, US
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[54] **DATA SHARING SYSTEM FOR AIRCRAFT TRAINING**
[54] **SYSTEME DE PARTAGE DE DONNEES POUR L'ENTRAINEMENT D'AVIONS**
[72] WOKURKA, JOHN, US
[72] LUECKE, KENN R., US
[72] LIEFER, DAVID K., US
[73] THE BOEING COMPANY, US
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[54] **LOCKING ADJUSTABLE GUTTER HANGER**
[54] **SUPPORT DE GOUTTIERE AJUSTABLE BLOQUANT**
[72] IANNELLI, ANTHONY M., US
[73] IANNELLI, ANTHONY M., US
[86] (2887226)
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[25] EN
[54] **SYSTEM AND METHOD FOR MACHINE-TO-MACHINE PRIVACY AND SECURITY BROKERED TRANSACTIONS**
[54] **SYSTEME ET PROCEDE POUR UNE CONFIDENTIALITE DE MACHINE A MACHINE ET DES TRANSACTIONS DE SECURITE EFFECTUEES PAR DES COURTIERS**
[72] MULHEARN, PATRICK F.X., US
[72] HEARN, FRANCIS J., US
[73] MOBILE SEARCH SECURITY LLC, US
[85] 2015-04-07
[86] 2013-09-16 (PCT/US2013/059934)
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[54] **CHILD-RESISTANT BLISTER PACKAGE**
[54] **EMBALLAGE-COQUE A L'EPREUVE DES ENFANTS**
[72] TROMBLEY, KURT FRANKLIN, US
[72] CHAN, KAREN LAI-TING, US
[72] LAFOSSE-MARIN, ISABELLE, US
[72] MOROSEY, JAY ROBERT, JR., US
[72] SANCHEZ, KARLA MISHELL, US
[72] SCHMEICHEL, KELLY LEE, US
[73] THE PROCTER AND GAMBLE COMPANY, US
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[54] **MATERIAL INCLUSION TREAD**
[54] **BANDE DE ROULEMENT A INCLUSION DE MATIERE**
[72] LUNDGREN, PAULA R., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2015-04-10
[86] 2013-10-24 (PCT/US2013/066479)
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[25] EN
[54] **EXTRUDED NUTRITIONAL POWDERS HAVING IMPROVED EMULSION STABILITY AND DISPERSIBILITY AND METHODS OF MANUFACTURING SAME**
[54] **POUDRES NUTRITIONNELLES EXTRUDEES AYANT UNE STABILITE ET UNE DISPERSIBILITE D'EMULSION AMELIOREES ET LEURS PROCEDES DE FABRICATION**
[72] MAZER, TERRENCE, US
[72] KESSLER, THOMAS, DE
[72] DEWILLE, NORMANELLA, US
[72] WEARLY, DOUGLAS, US
[72] HEO, YOUNGSUK, US
[72] WESTEDT, ULRICH, DE
[72] KATZ, GARY, US
[72] LAU, EIK-LANG, US
[73] ABBOTT LABORATORIES, US
[73] ABBOTT GMBH & CO. KG, DE
[85] 2015-03-20
[86] 2013-10-24 (PCT/US2013/066680)
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[30] US (61/737,886) 2012-12-17
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[51] **Int.Cl. A23L 23/00 (2016.01) A23L 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A FISH SAUCE AND A FISH SAUCE PREPARED BY THE SAME**
[54] **PROCEDE DE FABRICATION D'UNE SAUCE DE POISSON ET SAUCE DE POISSON PREPAREE AU MOYEN DE CELUI-CI**
[72] LEE, HO WOO, KR
[72] OH, JI YOUNG, KR
[72] KANG, DAE IK, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[86] (2888314)
[87] (2888314)
[22] 2015-04-17
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[51] **Int.Cl. G06F 3/14 (2006.01) G06F 3/048 (2013.01)**
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[54] **ANIMATION SEQUENCE ASSOCIATED WITH IMAGE**
[54] **SEQUENCE D'ANIMATION ASSOCIEE A UNE IMAGE**
[72] WALKIN, BRANDON MARSHALL, US
[72] MATAS, MICHAEL, US
[72] AMERIGE, BRIAN D., US
[73] FACEBOOK, INC., US
[85] 2015-04-16
[86] 2013-10-23 (PCT/US2013/066289)
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[54] **BATTERY POWERED SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL A BATTERIE**
[72] VIOLA, FRANK J., US
[72] KREHEL, GREGG, US
[72] PEDROS, GUIDO, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2890787)
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[51] **Int.Cl. E21B 43/119 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DETERMINING PLACEMENT OF PERFORATION INTERVALS USING FACIES, FLUID BOUNDARIES, GEOBODIES AND DYNAMIC FLUID PROPERTIES**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE PERMETTANT DE DETERMINER LE PLACEMENT D'INTERVALLES DE PERFORATION UTILISANT LE FACIES, LES LIMITES FLUIDES, LES CORPS GEOGRAPHIQUES ET LES PROPRIETES FLUIDES DYNAMIQUES**
[72] DUPUY, ALAIN, FR
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] CROCKETT, STEVEN PAUL, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **METHOD FOR HEMATOCRIT CORRECTION AND GLUCOSE METER ADAPTED THEREFOR**
[54] **METHODE DE CORRECTION D'HEMATOCRITE ET GLUCOMETRE ADAPTE S'Y RAPPORTANT**
[72] SCHULAT, JOCHEN, DE
[72] TRICK, SEBASTIAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-05-07
[86] 2013-12-03 (PCT/EP2013/075436)
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[51] **Int.Cl. B64C 13/00 (2006.01) H04L 12/12 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **INPUT CONGRUENCE SYSTEM FOR FLIGHT CONTROL SURFACES**
[54] **MECANISME DE CONGRUENCE D'ENTREE POUR SURFACES DE COMMANDE DE VOL**
[72] YEH, YING CHIN, US
[73] THE BOEING COMPANY, US
[86] (2891307)
[87] (2891307)
[22] 2015-05-12
[30] US (14/332,514) 2014-07-16

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[25] EN
[54] **ACTUATED ARM FOR USE WITH A SHAKER**
[54] **BRAS ACTIONNE DESTINE A ETRE UTILISE AVEC UN AGITATEUR**
[72] JONES, BRADLEY N., US
[72] GEEHAN, THOMAS, US
[73] M-I L.L.C., US
[85] 2015-05-15
[86] 2013-11-14 (PCT/US2013/070109)
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[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **CLOSED FLUID TRANSFER SYSTEM**
[54] **SYSTEME FERME DE TRANSFERT DE FLUIDE**
[72] GARFIELD, JARED MICHAEL, US
[72] KOPLIN, RANDALL SCOTT, US
[72] KALLSEN, KENT JEFFREY, US
[72] LEE, DANIEL JUHYUNG, US
[72] MITCHELL, STEPHEN R., US
[72] SLUMP, JOHN R., US
[73] J&J SOLUTIONS, INC., US
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[87] (2891798)
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[54] **LOUNGE CHAIR**
[54] **CHAISE LONGUE**
[72] WILLIAMS, SCOTT J., US
[72] HORNBERGER, TIMOTHY G., US
[72] LENHART, TAD E., US
[72] BOSMAN, SCOTT A., US
[73] KRUEGER INTERNATIONAL, INC., US
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[87] (2892123)
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[25] EN
[54] **SLANT LENS INTERLACING**
[54] **ENTRELACEMENT DE LENTILLES INCLINEES**
[72] RAYMOND, MARK A., US
[72] SOTO, HECTOR ANDRES PORRAS, US
[73] LUMENCO, LLC, US
[85] 2015-05-27
[86] 2013-11-25 (PCT/US2013/071599)
[87] (WO2014/085290)
[30] US (61/797,145) 2012-11-30

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[51] **Int.Cl. B65D 1/02 (2006.01) B29B 11/14 (2006.01) B29C 45/16 (2006.01) B29C 49/06 (2006.01) B29C 49/08 (2006.01) B29C 49/22 (2006.01) B65D 1/00 (2006.01) B65D 1/40 (2006.01)**
[25] EN
[54] **CONTAINER WITH SYNTHETIC RESIN WINDOW, PREFORM, AND PREFORM INJECTION MOLDING APPARATUS**
[54] **RECIPIENT POURVU D'UNE FENETRE EN RESINE SYNTHETIQUE, PREFORME ET APPAREIL DE MOULAGE PAR INJECTION DE PREFORMES**
[72] SOYAMA, HIDEAKI, JP
[72] ISHII, YUSUKE, JP
[73] YOSHINO KOGYOSYO CO., LTD., JP
[85] 2015-05-27
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[25] EN
[54] **METHODS AND APPARATUS FOR KIDNEY DIALYSIS AND EXTRACORPOREAL DETOXIFICATION**
[54] **METHODES ET APPAREIL DE DIALYSE ET DE DETOXIFICATION EXTRACORPORELLE**
[72] TUMLIN, JAMES A., US
[73] NEPHROGENESIS, LLC, US
[86] (2895721)
[87] (2895721)
[22] 2015-06-25
[30] US (62/031257) 2014-07-31
[30] WO (PCT/US2014/071212) 2014-12-18
[30] US (14/738308) 2015-06-12
[30] EP (15171983.8) 2015-06-12

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[51] **Int.Cl. H01H 1/06 (2006.01) H01H 19/10 (2006.01)**
[25] EN
[54] **MOVABLE CONTACT OF ELECTRIC SWITCH**
[54] **CONTACT MOBILE D'INTERRUPTEUR ELECTRIQUE**
[72] UITTO, OSKARI, FI
[72] SUUTARINEN, AKI, FI
[73] ABB OY, FI
[85] 2015-06-19
[86] 2013-04-19 (PCT/FI2013/050439)
[87] (WO2014/096509)
[30] FI (20126349) 2012-12-20

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[51] **Int.Cl. G10K 11/175 (2006.01) B64C 1/40 (2006.01) B64D 47/00 (2006.01) G10K 11/162 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AN ACTIVE AND PROGRAMMABLE ACOUSTIC METAMATERIAL**
[54] **APPAREIL ET METHODE DESTINES A UN METAMATERIAU ACOUSTIQUE ACTIF ET PROGRAMMABLE**
[72] CLEMEN, MARK JOSEPH, JR., US
[73] THE BOEING COMPANY, US
[86] (2896061)
[87] (2896061)
[22] 2015-07-02
[30] US (14/452,039) 2014-08-05

[11] **2,896,103**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALATION DEVICE, CONTROL METHOD AND COMPUTER PROGRAM**
[54] **DISPOSITIF D'INHALATION, PROCEDE DE COMMANDE ET PROGRAMME INFORMATIQUE**
[72] WEITZEL, DOUGLAS, US
[72] GUMASTE, ANAND V., US
[72] CHAN, PHILIP, US
[73] MICRODOSE THERAPEUTX, INC., US
[85] 2015-06-19
[86] 2014-03-12 (PCT/US2014/025077)
[87] (WO2014/151139)
[30] US (61/792,607) 2013-03-15
[30] US (61/910,179) 2013-11-29

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR AND METHOD OF MULTI-FACTOR AUTHENTICATION AMONG COLLABORATING COMMUNICATION DEVICES**
[54] **APPAREIL ET PROCEDE D'AUTHENTIFICATION MULTIFACTORIELLE DESTINES A ETRE UTILISES AVEC DES DISPOSITIFS DE COMMUNICATION COLLABORANT ENSEMBLE**
[72] METKE, ANTHONY, US
[72] REITSMA, KATRIN, US
[72] UPP, STEVEN D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-06-22
[86] 2013-11-26 (PCT/US2013/071887)
[87] (WO2014/105343)
[30] US (13/728,797) 2012-12-27

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[13] C
[51] **Int.Cl. B22D 7/00 (2006.01) B22D 11/18 (2006.01)**
[25] EN
[54] **INTERMITTENT MOLTEN METAL DELIVERY**
[54] **DISTRIBUTION DE METAL FONDU INTERMITTENT**
[72] WAGSTAFF, ROBERT BRUCE, US
[72] SINDEN, DAVID, US
[73] NOVELIS INC., US
[85] 2015-06-25
[86] 2014-03-11 (PCT/US2014/023772)
[87] (WO2014/164911)
[30] US (61/777,574) 2013-03-12

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[13] C
[51] **Int.Cl. H04M 3/51 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING LEAKAGE FROM CHAT TO VOICE**
[54] **PROCEDE ET APPAREIL POUR ANALYSER UNE FUITE D'UNE CONVERSATION A UNE VOIX**
[72] SRI, R. MATHANGI, IN
[72] HARDENIYA, NITIN KUMAR, IN
[72] SRIVASTAVA, VAIBHAV, IN
[72] VIJAYARAGHAVAN, RAVI, IN
[73] 24/7 CUSTOMER, INC., US
[85] 2015-06-26
[86] 2014-01-08 (PCT/US2014/010603)
[87] (WO2014/110083)
[30] US (61/750,216) 2013-01-08
[30] US (14/149,768) 2014-01-07

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[13] C
[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/02 (2006.01) C01B 3/40 (2006.01) F01D 15/00 (2006.01) F01K 13/00 (2006.01) F23G 7/07 (2006.01) F23L 3/00 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **HYDROGEN PRODUCTION SYSTEM AND PROCESS**
[54] **APPAREIL DE PRODUCTION D'HYDROGENE ET PROCEDE**
[72] SALOWAY, SIMON CRAIG, GB
[72] DEMARIA, DAVID GEORGE, US
[72] ZAGNOLI, DAVID ANTHONY, US
[72] SNYDER, RUSSELL IRA, III, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2897094)
[87] (2897094)
[22] 2015-07-10
[30] US (14/332,784) 2014-07-16

[11] **2,897,230**
[13] C
[51] **Int.Cl. H01L 31/18 (2006.01) H01L 27/144 (2006.01) H01L 31/0232 (2014.01) H01L 31/107 (2006.01)**
[25] EN
[54] **FABRICATION OF SENSOR CHIP ASSEMBLIES WITH MICROOPTICS ELEMENTS**
[54] **FABRICATION DE DISPOSITIFS DE PUCE DE DETECTEUR DOTES D'ELEMENTS MICRO-OPTIQUES**
[72] BAI, XIAOGANG, US
[72] SUDHARSANAN, RENGARAJAN, US
[73] THE BOEING COMPANY, US
[86] (2897230)
[87] (2897230)
[22] 2015-07-13
[30] US (14/452,889) 2014-08-06

[11] **2,897,457**
[13] C
[51] **Int.Cl. F04B 9/105 (2006.01) B01F 5/04 (2006.01) F04B 13/02 (2006.01) F04B 23/10 (2006.01) F04F 5/10 (2006.01) F04F 5/46 (2006.01)**
[25] FR
[54] **METERING DEVICE FOR INTRODUCING A LIQUID ADDITIVE INTO A STREAM OF MAIN LIQUID**
[54] **DISPOSITIF DE DOSAGE POUR INTRODUIRE UN ADDITIF LIQUIDE DANS UN COURANT DE LIQUIDE PRINCIPAL**
[72] FURET, SEBASTIEN, FR
[72] LAMBINET, SANDRINE, FR
[72] DUQUENNOY, PHILIPPE, FR
[72] BADII, MANAL, FR
[73] DOSATRON INTERNATIONAL, FR
[85] 2015-07-07
[86] 2013-12-17 (PCT/IB2013/061042)
[87] (WO2014/111770)
[30] FR (13 50397) 2013-01-17

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[13] C
[51] **Int.Cl. B07B 7/12 (2006.01) B29C 70/12 (2006.01)**
[25] EN
[54] **CHOPPED FIBER COMPOSITE SORTING AND MOLDING SYSTEMS AND METHODS**
[54] **MECANISMES ET METHODES DE TRI ET MOULAGE DE MATERIAUX COMPOSITES FIBREUX**
[72] MEREDITH, KIMBERLY D., US
[72] SAFAI, MORTEZA, US
[72] APDALHALIEM, SAHRUDINE, US
[72] AVERY, WILLIAM B., US
[73] THE BOEING COMPANY, US
[86] (2897734)
[87] (2897734)
[22] 2015-07-17
[30] US (14/476,611) 2014-09-03

[11] **2,898,108**
[13] C
[51] **Int.Cl. A23L 2/44 (2006.01) A23L 2/52 (2006.01) A23L 3/3508 (2006.01)**
[25] EN
[54] **STABILIZING SORBIC ACID OR BENZOIC ACID IN SYRUPS AND FINISHED BEVERAGES**
[54] **STABILISATION DE L'ACIDE SORBIQUE OU DE L'ACIDE BENZOIQUE DANS LES SIROPS ET LES BOISSONS FINIES**
[72] ZHANG, NAIJIE, US
[72] MUTILANGI, WILLIAM, US
[73] PEPSICO, INC., US
[85] 2015-07-13
[86] 2014-01-21 (PCT/US2014/012236)
[87] (WO2014/120506)
[30] US (13/755,114) 2013-01-31

[11] **2,898,461**
[13] C
[51] **Int.Cl. E21B 34/10 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL DOWNHOLE ISOLATION VALVE**
[54] **CLAPET D'ISOLEMENT DE FOND DE TROU BIDIRECTIONNELLE**
[72] NOSKE, JOE, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-07-16
[86] 2014-01-10 (PCT/US2014/010975)
[87] (WO2014/113280)
[30] US (61/754,294) 2013-01-18
[30] US (14/150,137) 2014-01-08

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[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4709 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **AMORPHOUS SODIUM SALT OF TMC435 INHIBITOR OF HCV**
[54] **SEL DE SODIUM AMORPHE DE L'INHIBITEUR TMC435 DU VHC**
[72] VAN REMOORTERE, PETER JOZEF MARIA, US
[72] VANDECRUYS, ROGER PETRUS GEREBERN, BE
[72] DE KOCK, HERMAN, BE
[73] ORTHO-MCNEIL-JANSSEN PHARMACEUTICALS, INC, US
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[87] (2898529)
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[13] C
[51] **Int.Cl. E21B 21/01 (2006.01) C09K 8/02 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **METHOD OF ENHANCING DRILLING FLUID PERFORMANCE**
[54] **PROCEDE POUR AMELIORER L'EFFICACITE D'UN FLUIDE DE FORAGE**
[72] NGUYEN, PHILIP D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-20
[86] 2014-02-12 (PCT/US2014/016060)
[87] (WO2014/130323)
[30] US (13/773,199) 2013-02-21

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[51] **Int.Cl. C08K 5/49 (2006.01)**
[25] EN
[54] **NEW SURFACE TREATMENT OF WHITE MINERAL MATERIALS FOR APPLICATION IN PLASTICS**
[54] **NOUVEAU TRAITEMENT DE SURFACE DE MATERIAUX MINERAUX BLANCS POUR UNE APPLICATION DANS DES MATIERES PLASTIQUES**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK ARTHUR CHARLES, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-07-24
[86] 2014-02-17 (PCT/EP2014/053036)
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[30] EP (13156349.6) 2013-02-22
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[51] **Int.Cl. C10B 47/30 (2006.01) C10B 13/00 (2006.01)**
[25] EN
[54] **THERMAL PROCESS TO TRANSFORM CONTAMINATED OR UNCONTAMINATED FEED MATERIALS INTO USEFUL OILY PRODUCTS**
[54] **PROCEDE THERMIQUE VISANT A TRANSFORMER DES MATIERES PREMIERES CONTAMINEES OU DECONTAMINEES EN PRODUITS HUILEUX UTILES**
[72] WHEELER, LUCIE B., CA
[73] ENVIROLLEA INC., CA
[85] 2015-08-03
[86] 2013-02-06 (PCT/CA2013/050091)
[87] (WO2014/121368)

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[25] EN
[54] **CORROSION INHIBITORS FOR COOLING WATER APPLICATIONS**
[54] **INHIBITEURS DE CORROSION POUR DES APPLICATIONS D'EAU DE REFROIDISSEMENT**
[72] LU, HIAIPING, US
[72] GUO, BING BING, US
[72] FULMER, DAVID N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-07
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[30] US (61/769,601) 2013-02-26
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[51] **Int.Cl. C09J 5/00 (2006.01)**
[25] EN
[54] **STRUCTURE INCLUDING A LIGHT-CURABLE ADHESIVE AND ASSOCIATED METHOD FOR ASSEMBLING AND CURING SAME**
[54] **STRUCTURE COMPORTANT UN ADHESIF DURCISSABLE A LA LUMIERE ET METHODE ASSOCIEE D'ASSEMBLAGE ET DE DURCISSEMENT DE LADITE STRUCTURE**
[72] FERGUSON, KATHY L., US
[72] WALKER, TERRY R., US
[73] THE BOEING COMPANY, US
[86] (2900631)
[87] (2900631)
[22] 2015-08-14
[30] US (14/508,551) 2014-10-07

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[25] EN
[54] **NOVEL PYRIMIDINE AND PYRIDINE COMPOUNDS AND THEIR USAGE**
[54] **NOUVEAUX COMPOSES DE PYRIMIDINE ET DE PYRIDINE ET LEUR UTILISATION**
[72] SU, WEI-GUO, CN
[72] ZHANG, WEIHAN, CN
[72] LI, JINSHUI, CN
[73] HUTCHISON MEDIPHARMA LIMITED, CN
[85] 2015-08-10
[86] 2014-03-14 (PCT/CN2014/073444)
[87] (WO2014/139465)
[30] CN (PCT/CN2013/072690) 2013-03-15

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[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/723 (2013.01) H04L 12/66 (2006.01)**
[25] EN
[54] **METHOD FOR MIGRATING SERVICE OF DATA CENTER, APPARATUS, AND SYSTEM**
[54] **METHODE DE MIGRATION DE SERVICE DE CENTRE DE DONNEES, APPAREIL ET SYSTEME**
[72] GU, JIONGJIONG, CN
[72] XU, SHENGXIANG, CN
[72] GUO, SHUANTAI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-08-21
[86] 2014-11-17 (PCT/CN2014/091250)
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[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL VARNISH COMPOSITIONS COMPRISING ROSIN, RESIN, AND A FLUORIDIZING AGENT**
[54] **COMPOSITIONS DE VERNI DENTAIRE RENFERMANT DE LA COLOPHANE, DE LA RESINE ET UN AGENT FLUORISANT**
[72] HUO, XIN, US
[72] SIMONTON, THOMAS C., US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2015-08-14
[86] 2014-02-14 (PCT/US2014/016345)
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[25] EN
[54] **HIGH-ENERGY COMPOSITE PEPTIDE SELENOPROTEIN NUTRIENT SOLUTION, PREPARATION METHOD AND APPLICATIONS THEREOF**
[54] **SOLUTION DE NUTRIMENTS COMPOSITE A HAUTE ENERGIE, A BASE D'UNE SELENOPROTEINE PEPTIDIQUE, SON PROCEDE DE PREPARATION ET APPLICATION**
[72] XIE, CHAO, CN
[72] CUI, JIANJIU, CN
[72] FU, HUADIAO, CN
[73] XIE, CHAO, CN
[85] 2015-08-18
[86] 2013-12-26 (PCT/CN2013/090593)
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[25] EN
[54] **NEOSEPTINS: SMALL MOLECULE ADJUVANTS**
[54] **NEOSEPTINES : PETITS ADJUVANTS MOLECULAIRES**
[72] BEUTLER, BRUCE, US
[72] BOGER, DALE L., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-08-24
[86] 2014-02-25 (PCT/US2014/018380)
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[51] **Int.Cl. E21B 19/06 (2006.01) E21B 17/02 (2006.01) E21B 19/02 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO POSITION AND PROTECT CONTROL LINES BEING COUPLED TO A PIPE STRING ON A RIG**
[54] **PROCEDE ET APPAREIL POUR POSITIONNER ET PROTEGER DES CONDUITES DE COMMANDE COUPLEES A UN TRAIN DE TIGES SUR UNE SONDEUSE**
[72] WEBRE, CHARLES MICHAEL, US
[72] BOULIGNY, VERNON JOSEPH, JR., US
[72] BEGNAUD, BRIAN DAVID, US
[72] SIBILLE, MARK STEPHEN, US
[72] BROWN, DOUGAL HUGO, GB
[73] FRANK'S INTERNATIONAL, LLC, US
[85] 2015-08-26
[86] 2013-04-09 (PCT/US2013/035784)
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[25] EN
[54] **VEHICLE-MOUNTED INSPECTION SYSTEM**
[54] **DISPOSITIF D'INSPECTION INSTALLE DANS UN VEHICULE**
[72] KANG, KEJUN, CN
[72] GU, JINGYU, CN
[72] CHEN, ZHIQIANG, CN
[72] LI, JIANMIN, CN
[72] LI, YUANJING, CN
[72] LI, YULAN, CN
[72] WANG, DONGYU, CN
[73] TSINGHUA UNIVERSITY, CN
[73] NUCTECH COMPANY LIMITED, CN
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[87] (2902952)
[22] 2015-09-01
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[25] EN
[54] **PRETREATMENT COMPOSITIONS AND METHODS FOR COATING A BATTERY ELECTRODE**
[54] **COMPOSITIONS DE PRETRAITEMENT ET PROCEDES DE REVETEMENT D'UNE ELECTRODE DE BATTERIE**
[72] HELLRING, STUART D., US
[72] DAUGHENBAUGH, RANDY E., US
[72] KARABIN, RICHARD F., US
[72] RAKIEWICZ, EDWARD F., US
[72] SYLVESTER, KEVIN THOMAS, US
[72] SILVERNAIL, NATHAN J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022005)
[87] (WO2014/150050)
[30] US (13/832,074) 2013-03-15

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[51] **Int.Cl. H04W 8/22 (2009.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING SERVICE CAPABILITY INFORMATION FOR USER PLANE LOCATION**
[54] **PROCEDE ET APPAREIL POUR L'UTILISATION D'INFORMATIONS SUR LA CAPACITE DE SERVICE POUR LA LOCALISATION D'UN PLAN D'UTILISATEUR**
[72] FARMER, DOMINIC GERARD, US
[72] WACHTER, ANDREAS K., US
[72] BURROUGHS, KIRK ALLAN, US
[73] QUALCOMM INCORPORATED, US
[86] (2904747)
[87] (2904747)
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF ETHYLENE OXIDE**
[54] **PROCEDE DE PRODUCTION D'OXYDE D'ETHYLENE**
[72] ZHANG, LIPING, US
[72] MCADON, MARK H., US
[72] FRANK, ERNEST R., US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2015-09-09
[86] 2014-03-12 (PCT/US2014/023925)
[87] (WO2014/150669)
[30] US (61/794,646) 2013-03-15

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[51] **Int.Cl. G01N 1/24 (2006.01) G01N 1/26 (2006.01) G01N 30/06 (2006.01)**
[25] EN
[54] **COMPOSITE GAS SAMPLING SYSTEM**
[54] **SYSTEME D'ECHANTILLONNAGE DE GAZ COMPOSITE**
[72] THOMPSON, KENNETH O., US
[72] ROLSTON, CLAUDE A., US
[72] QUERRY, TIMOTHY L., US
[73] MUSTANG SAMPLING, LLC, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027787)
[87] (WO2014/143712)
[30] US (61/794,240) 2013-03-15
[30] US (14/205,526) 2014-03-12

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[13] C
[51] **Int.Cl. H01M 8/04 (2016.01) F16L 9/14 (2006.01)**
[25] EN
[54] **HYDROGEN SUPPLY PIPING AND METHOD OF MANUFACTURING HYDROGEN SUPPLY PIPING**
[54] **TUYAUTERIE D'ALIMENTATION D'HYDROGENE ET PROCEDE DE FABRICATION DE TUYAUTERIE D'ALIMENTATION D'HYDROGENE**
[72] TAKESHITA, MASAHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2906490)
[87] (2906490)
[22] 2015-09-29
[30] JP (2014-210383) 2014-10-15

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[25] EN
[54] **IMPROVED BREWING PROCESS**
[54] **PROCEDE DE BRASSAGE AMELIORE**
[72] NGUYEN, MINH-TAM, NL
[72] EDENS, LUPPO, NL
[72] VAN ROON, JEROEN LOUIS, NL
[73] DSM IP ASSETS B.V., NL
[86] (2906891)
[87] (2906891)
[22] 2007-06-22
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[30] US (60/903,539) 2007-02-27
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[13] C
[51] **Int.Cl. G01R 19/00 (2006.01) B62D 5/04 (2006.01) B62D 6/00 (2006.01) H02P 27/06 (2006.01)**
[25] EN
[54] **LOAD CONTROL DEVICE, ELECTRIC POWER STEERING DEVICE, AND METHOD FOR CONTROLLING LOAD CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE CHARGE, APPAREIL DE DIRECTION ASSISTEE ELECTRIQUE, ET PROCEDE POUR COMMANDER UN DISPOSITIF DE COMMANDE DE CHARGE**
[72] NAGAE, KOUKI, JP
[72] OWAKI, JUNICHI, JP
[73] KYB CORPORATION, JP
[85] 2015-09-16
[86] 2014-03-12 (PCT/JP2014/056432)
[87] (WO2014/156633)
[30] JP (2013-064418) 2013-03-26

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[51] **Int.Cl. B65D 47/06 (2006.01) B65D 47/20 (2006.01) B65D 47/40 (2006.01)**
[25] EN
[54] **DOUBLE-WALLED CONTAINER**
[54] **RECIPIENT A DOUBLE PAROI**
[72] ABE, TAKAYUKI, JP
[72] FURUSAWA, MITSUO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-09-25
[86] 2014-03-28 (PCT/JP2014/001854)
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[30] JP (2013-074263) 2013-03-29
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[51] **Int.Cl. B21D 41/02 (2006.01) B21D 41/04 (2006.01) E04G 25/04 (2006.01) E04G 25/06 (2006.01)**
[25] EN
[54] **METHOD FOR REINFORCING AND CALIBRATING A PIPE PORTION**
[54] **PROCEDE POUR RENFORCER ET CALIBRER UNE PARTIE DE TUYAU**
[72] ANDREE, JURGEN, DE
[72] SPECHT, RUDOLF, DE
[73] PERI GMBH, DD
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[86] 2014-04-10 (PCT/EP2014/057242)
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[51] **Int.Cl. A61L 2/20 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **TRANSPORTABLE VACUUM ASSISTED DECONTAMINATION UNIT AND DECONTAMINATION PROCESS**
[54] **UNITE DE DECONTAMINATION SOUS VIDE, TRANSPORTABLE, ET PROCEDE DE DECONTAMINATION**
[72] WIGET, PAUL A., US
[73] STERIS INC., US
[85] 2015-09-30
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[51] **Int.Cl. C02F 11/14 (2006.01) C02F 1/28 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **THE COMBINATION OF SURFACE-TREATED CALCIUM CARBONATE AND BENTONITE IN WATER PURIFICATION OR SLUDGE DE-WATERING**
[54] **LA COMBINAISON DE CARBONATE DE CALCIUM TRAITE EN SURFACE ET DE BENTONITE DANS LA PURIFICATION DE L'EAU OU LA DESHYDRATATION DE BOUE**
[72] GERARD, DANIEL EDWARD, CH
[72] POFFET, MARTINE, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] SKOVBY, MICHAEL, CH
[72] GANE, PATRICK ARTHUR CHARLES, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-10-01
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[87] (WO2014/180631)
[30] EP (13166922.8) 2013-05-07
[30] US (61/822,941) 2013-05-14

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[25] EN
[54] **SYNTACTIC FOAM FRAC BALL AND METHODS OF USING SAME**
[54] **BILLE DE FRACTURATION EN MOUSSE SYNTACTIQUE ET SES PROCEDES D'UTILISATION**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-20
[86] 2014-05-15 (PCT/US2014/038228)
[87] (WO2014/189766)
[30] US (61/825,977) 2013-05-21
[30] US (14/272,240) 2014-05-07
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[51] **Int.Cl. E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING MOTOR AND METHOD OF USE**
[54] **MOTEUR DE FORAGE DE FOND DE TROU ET SON PROCEDE D'UTILISATION**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-21
[86] 2013-05-23 (PCT/US2013/042500)
[87] (WO2014/189517)

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[51] **Int.Cl. B67D 3/00 (2006.01) B65D 19/38 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **COMBINATION OF DISPENSER AND CONTAINER FOR A PLURALITY OF CONTAINERS, HAVING A SYSTEM FOR THE CORRECT PLACING**
[54] **COMBINAISON DE DISTRIBUTEUR ET DE RECIPIENT POUR UNE PLURALITE DE RECIPIENTS COMPRENANT UN SYSTEME DE PLACEMENT CORRECT**
[72] GROTTINI, GIANNI, IT
[73] BLUPURA S.R.L., IT
[85] 2015-10-27
[86] 2014-09-03 (PCT/IB2014/001737)
[87] (WO2015/044731)
[30] IT (AN2013A000174) 2013-09-26
[30] IT (AN2014U000025) 2014-03-28
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[25] EN
[54] **VARIABLE COMPRESSION RATIO ENGINE**
[54] **MOTEUR A TAUX DE COMPRESSION VARIABLE**
[72] BLACKSTOCK, SCOTT, US
[73] BLACKSTOCK, SCOTT, US
[85] 2015-10-28
[86] 2014-05-02 (PCT/US2014/036683)
[87] (WO2014/179758)
[30] US (61/819,032) 2013-05-03
[30] US (61/822,802) 2013-05-13

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[13] C
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING A SHUTTER BYPASS**
[54] **CARTOUCHE D'ENCRE MUNIE D'UN SYSTEME DE CONTOURNEMENT D'OBTURATEUR**
[72] BUCHANAN, JOHN ANDREW, US
[72] WILLIAMSON, RANDAL SCOTT, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2015-10-29
[86] 2014-05-23 (PCT/US2014/039280)
[87] (WO2014/193744)
[30] US (61/828,390) 2013-05-29
[30] US (13/919,015) 2013-06-17

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[51] **Int.Cl. H04N 19/70 (2014.01)**
[25] EN
[54] **PROCESSING BITSTREAM CONSTRAINTS RELATING TO INTER-LAYER PREDICTION TYPES IN MULTI-LAYER VIDEO CODING**
[54] **CONTRAINTES SUR LES FLUX BINAIRES DE TRAITEMENT LIEES AUX TYPES DE PREDICTION INTER-COUCHES EN CODAGE VIDEO MULTICOUCHE**
[72] SEREGIN, VADIM, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-10-29
[86] 2014-06-09 (PCT/US2014/041505)
[87] (WO2014/200899)
[30] US (61/833,836) 2013-06-11
[30] US (61/859,702) 2013-07-29
[30] US (14/298,555) 2014-06-06

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[13] C
[51] **Int.Cl. H01M 8/04119 (2016.01) H01M 8/04746 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREFOR**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911075)
[87] (2911075)
[22] 2015-11-03
[30] JP (2014-231195) 2014-11-14

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[51] **Int.Cl. C07C 235/06 (2006.01) A61K 31/165 (2006.01) A61P 25/30 (2006.01) A61P 25/32 (2006.01) C07C 231/02 (2006.01) C07C 231/24 (2006.01)**
[25] EN
[54] **NEW POLYMORPHIC FORMS OF N-[4-(TRIFLUOROMETHYL)BENZYL]-4-METHOXYBUTYRAMIDE**
[54] **NOUVELLES FORMES POLYMORPHES DE N-[4-(TRIFLUOROMETHYL)BENZYL]-4-METHOXYBUTYRAMIDE**
[72] CACCIAGLIA, ROBERTO, IT
[72] FERRARI, MASSIMO, IT
[73] LABORATORIO FARMACEUTICO C.T. S.R.L., IT
[86] (2911120)
[87] (2911120)
[22] 2008-11-12
[62] 2,705,508
[30] EP (07120551.2) 2007-11-13

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[51] **Int.Cl. B25F 5/00 (2006.01) B25C 1/06 (2006.01)**
[25] EN
[54] **DRIVING-IN DEVICE AND METHOD FOR USING A DRIVING-IN DEVICE**
[54] **DISPOSITIF D'ENFONCEMENT ET PROCEDE POUR UTILISER UN DISPOSITIF D'ENFONCEMENT**
[72] BECK, WOLFGANG, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
[85] 2015-11-02
[86] 2014-04-29 (PCT/EP2014/058672)
[87] (WO2014/180706)
[30] EP (13166697.6) 2013-05-06

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[51] **Int.Cl. B67D 3/00 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **COMBINATION OF DISPENSER AND CONTAINER WITH SYSTEM FOR THE CORRECT PLACING AND IDENTIFICATION OF THE CONTAINER**
[54] **DISPOSITIF COMBINE CONSTITUE D'UN DISTRIBUTEUR ET D'UN CONTENANT AYANT UN SYSTEME PERMETTANT D'EFFECTUER CORRECTEMENT LA MISE EN PLACE ET L'IDENTIFICATION DU CONTENANT**
[72] GROTTINI, GIANNI, IT
[73] BLUPURA S.R.L., IT
[85] 2015-10-27
[86] 2014-09-03 (PCT/IB2014/001736)
[87] (WO2015/044730)
[30] IT (AN2013A000174) 2013-09-26
[30] IT (AN2014U000025) 2014-03-28
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[30] IT (AN2014U000027) 2014-03-28

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[51] **Int.Cl. H01M 8/04119 (2016.01) H01M 8/04291 (2016.01) H01M 8/04492 (2016.01)**
[25] EN
[54] **WATER DRAINAGE DEVICE FOR FUEL CELL, FUEL CELL SYSTEM, MOVING BODY AND CONTROL METHOD OF FUEL CELL SYSTEM**
[54] **DISPOSITIF D'EVACUATION D'EAU POUR PILE A COMBUSTIBLE, SYSTEME DE PILE A COMBUSTIBLE, CORPS MOBILE ET METHODE DE COMMANDE DU SYSTEME DE PILE A COMBUSTIBLE**
[72] OGAWA, TOMOHIRO, JP
[72] OYA, RYOSUKE, JP
[72] KANEKO, TOMOHIKO, JP
[72] NADA, MITSUHIRO, JP
[72] NAGANUMA, YOSHIAKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911562)
[87] (2911562)
[22] 2015-11-06
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[25] EN
[54] **VEHICLE INCLUDING FUEL CELL SYSTEM**
[54] **VEHICULE COMPORTANT UN SYSTEME DE PILE A COMBUSTIBLE**
[72] ODA, KOHEI, JP
[72] UMAYAHARA, KENJI, JP
[72] KAKENO, YUJI, JP
[72] NADA, MITSUHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911778)
[87] (2911778)
[22] 2015-11-10
[30] JP (2014-232253) 2014-11-15

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[51] **Int.Cl. F26B 13/02 (2006.01) B27D 5/00 (2006.01) F26B 25/08 (2006.01)**
[25] EN
[54] **MOBILE VENEER DRYER**
[54] **SECHOIR DE PLACAGES MOBILE**
[72] SPANGLER, CLINTON, US
[72] BULLION, CONRAD, US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2911958)
[87] (2911958)
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[51] **Int.Cl. F16L 17/02 (2006.01) F16L 21/02 (2006.01)**
[25] EN
[54] **PIPE JOINT GASKET AND METHOD OF MAKING SAME**
[54] **JOINT DE RACCORD DE TUYAU ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] COPELAND, DANIEL A., US
[73] MCWANE GLOBAL, US
[85] 2015-11-17
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[87] (WO2014/186651)
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[51] **Int.Cl. A45F 3/00 (2006.01) E04F 10/00 (2006.01) E04H 15/00 (2006.01) E04H 17/00 (2006.01)**
[25] EN
[54] **PORTABLE, COLLAPSIBLE WIND SCREEN**
[54] **PARE-VENT ECRASABLE PORTATIF**
[72] OGILVIE, JAMES ALLEN, US
[73] OGILVIE, JAMES ALLEN, US
[86] (2913435)
[87] (2913435)
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[51] **Int.Cl. H02H 7/26 (2006.01) G01R 11/04 (2006.01) G01R 11/32 (2006.01) G08B 25/10 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **LOW FAULT CURRENT ISOLATOR SYSTEM**
[54] **SYSTEME D'ISOLATEUR DE FAIBLE COURANT DE DEFAUT**
[72] O'REGAN, TIMOTHY M., US
[72] O'REGAN, TIMOTHY J., US
[72] HAYES, THOMAS, US
[72] SEVERSON, KEVIN J., US
[73] ELECTRICAL MATERIALS COMPANY, US
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[86] 2014-06-06 (PCT/US2014/041376)
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[54] **CARTON WITH HANDLE**
[54] **CARTON A POIGNEE**
[72] OLIVEIRA, STEVEN M., US
[72] FITZWATER, KELLY R., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2015-12-11
[86] 2014-07-22 (PCT/US2014/047563)
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[30] US (61/958,266) 2013-07-24

[11] **2,916,378**
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[51] **Int.Cl. E21B 29/00 (2006.01) C09K 8/00 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **A WELLBORE ISOLATION DEVICE CONTAINING A SUBSTANCE THAT UNDERGOES A PHASE TRANSITION**
[54] **DISPOSITIF D'ISOLEMENT DE PUITS DE FORAGE CONTENANT UNE SUBSTANCE QUI SUBIT UNE TRANSITION DE PHASE**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] HOWELL, MATTHEW T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-21
[86] 2014-06-02 (PCT/US2014/040565)
[87] (WO2015/017021)
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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **MAINTAINING VIRTUAL DESKTOP INSTANCE DURING DATA STORE FAILURE**
[54] **MAINTIEN D'INSTANCE DE BUREAU VIRTUEL PENDANT UN ECHEC DE STOCKAGE DE DONNEES**
[72] SURYANARAYANAN, DEEPAK, US
[72] BROWN, DAVID EVERARD, US
[72] FARRELL, EUGENE MICHAEL, US
[72] LAKSHMANAN, VIVEK, US
[72] BRACE, COLIN HARRISON, US
[72] TELLVIK, ERIK JONATHON, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-12-18
[86] 2014-06-25 (PCT/US2014/044131)
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[51] **Int.Cl. F04D 29/70 (2006.01) F04D 29/10 (2006.01) F16J 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR DISCHARGING CONTAMINANTS OUT OF A SEAL CHAMBER**
[54] **METHODE ET DISPOSITIFS SERVANT A LIBERER LES CONTAMINANTS D'UNE CHAMBRE ETANCHE**
[72] SHELLEF, RAMMY A., IL
[73] ETTEM ENGINEERING S.A. LTD., IL
[86] (2916629)
[87] (2916629)
[22] 2016-01-04
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[25] EN
[54] **MANUFACTURING METHOD OF REINFORCED STRUCTURE**
[54] **PROCEDE DE PRODUCTION DE STRUCTURE DE RENFORT**
[72] YAMAMORI, TAKU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-01-08
[86] 2014-06-26 (PCT/JP2014/067008)
[87] (WO2015/005125)
[30] JP (2013-146641) 2013-07-12

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[51] **Int.Cl. E21B 17/08 (2006.01) E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **CASING JOINT ASSEMBLY FOR PRODUCING AN ANNULUS GAS CAP**
[54] **ENSEMBLE MANCHON DE TUBAGE POUR LA PRODUCTION D'UN CHAPEAU DE GAZ ANNULAIRE**
[72] MITCHELL, ROBERT F., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-08
[86] 2013-08-08 (PCT/US2013/054075)
[87] (WO2015/020652)

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[51] **Int.Cl. F21V 19/00 (2006.01) F21S 4/00 (2016.01) F21V 17/16 (2006.01)**
[25] EN
[54] **LIGHTING STRUCTURE**
[54] **STRUCTURE D'ECLAIRAGE**
[72] TREMBLAY, JACQUES, CA
[73] TREMBLAY, JACQUES, CA
[85] 2015-06-19
[86] 2014-01-17 (PCT/CA2014/000037)
[87] (WO2014/113871)
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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE ADJUSTABLE BENT MOTOR**
[54] **MOTEUR COUDE AJUSTABLE POUR FOND DE PUITS**
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] KUNDAM, RAVI KIRAN, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-14
[86] 2013-08-29 (PCT/US2013/057332)
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[54] **PROTECTION STRUCTURE FOR GAS CYLINDER AND VALVE ARRANGEMENT**
[54] **STRUCTURE DE PROTECTION POUR BOUTEILLE DE GAZ ET AGENCEMENT DE SOUPAPE**
[72] WILLIAMS, MARK SHERMAN, GB
[72] PEMBERTON, GARETH ROSS, GB
[72] ALFOLDI, CSABA, BE
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2016-01-21
[86] 2014-08-01 (PCT/EP2014/066654)
[87] (WO2015/018766)
[30] EP (13179493.5) 2013-08-06

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[13] C
[51] **Int.Cl. B65B 25/14 (2006.01) B65B 35/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT WRAPPING APPARATUS**
[54] **APPAREIL D'EMBALLAGE DE PRODUIT EN FEUILLE**
[72] TOTANI, MIKIO, JP
[73] TOTANI CORPORATION, JP
[85] 2016-01-29
[86] 2014-08-07 (PCT/JP2014/070886)
[87] (WO2015/020150)
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[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EXTENDING COVERAGE IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR ETENDRE UNE COUVERTURE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] PHANG, WAYNE M., US
[72] KHAN, SHAKEEB Z., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-02-10
[86] 2014-07-28 (PCT/US2014/048343)
[87] (WO2015/023421)
[30] US (13/967,496) 2013-08-15

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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/18 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **IMAGE ENCODING METHOD AND IMAGE DECODING METHOD**
[54] **PROCEDE DE CODAGE ET DE DECODAGE D'IMAGE**
[72] YAMAGUCHI, JUN, JP
[72] TANIZAWA, AKIYUKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2921057)
[87] (2921057)
[22] 2010-07-15
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[25] EN
[54] **POP-UP GREETING CARDS**
[54] **CARTE DE VOEUX ANIMEE**
[72] SHLONSKY, LYNNE, US
[72] MAYER, DAVID, US
[72] HIGGINS, SEAN, US
[72] SEADLER, TOBY, US
[72] EKLUND, SARAH, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2921093)
[87] (2921093)
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[30] US (14/692,358) 2015-04-21

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[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2924492)
[87] (2924492)
[22] 2014-02-24
[62] 2,919,941
[30] US (13/779370) 2013-02-27
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[25] EN
[54] **QUINAZOLINE DERIVATIVE AND PREPARATION METHOD THEREFOR**
[54] **DERIVE DE QUINAZOLINE ET SON PROCEDE DE PREPARATION**
[72] XIAO, DENGMING, CN
[72] ZHU, YAN, CN
[72] HU, YUANDONG, CN
[72] WANG, HUTING, CN
[72] LI, JIJUN, CN
[72] PENG, YONG, CN
[72] ZHANG, HUI, CN
[72] LUO, HONG, CN
[72] KONG, FANSHENG, CN
[72] HAN, YONGXIN, CN
[73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[73] CENTAURUS BIOPHARMA CO., LTD., CN
[73] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
[85] 2016-03-17
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[87] (WO2015/043515)
[30] CN (201310452885.4) 2013-09-28

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[51] **Int.Cl. C07H 17/02 (2006.01) A61K 31/7056 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **4-{4-[(1E)-4-(2,9-DIAZASPIRO[5.5]UNDEC-2-YL)BUT-1-EN-1-YL]-2-METHYLBENZYL}-5-(PROPAN-2-YL)-1H-PYRAZOL-3-YL BETA-D-GLUCOPYRANOSIDE ACETATE**
[54] **ACETATE DE 4-{4-[(1E)-4-(2,9-DIAZASPIRO[5.5]UNDEC-2-YL)BUT-1-EN-1-YL]-2-METHYLBENZYL}-5-(PROPAN-2-YL)-1H-PYRAZOL-3-YL-BETA-D-GLUCOPYRANOSIDE**
[72] REUTZEL-EDENS, SUSAN MARIE, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-03-22
[86] 2014-10-30 (PCT/US2014/063161)
[87] (WO2015/069541)
[30] US (61/901,488) 2013-11-08

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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/117 (2014.01) H04N 19/18 (2014.01) H04N 19/186 (2014.01) G06T 9/00 (2006.01)**
[25] EN
[54] **IMAGE ENCODING SYSTEM BASED UPON BOUNDARY STRENGTH**
[54] **SYSTEME DE CODAGE D'IMAGE BASE SUR LA FORCE DE LIMITE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (2925141)
[87] (2925141)
[22] 2002-09-11
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[51] **Int.Cl. G08C 15/00 (2006.01) G08C 19/00 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHECKING ENTRY OF METER VALUE FROM LP GAS METER**
[54] **SYSTEME ET PROCEDE POUR VERIFIER L'ENTREE DE VALEURS DE COMPTEUR PROVENANT D'UN COMPTEUR A GAZ DE PETROLE LIQUEFIE**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
[85] 2016-03-24
[86] 2014-09-26 (PCT/JP2014/004945)
[87] (WO2015/045406)
[30] JP (2013-201701) 2013-09-27

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[51] **Int.Cl. G01N 29/028 (2006.01) E21B 47/007 (2012.01) G01N 29/09 (2006.01)**
[25] EN
[54] **VALIDATION OF CASED-HOLE ACOUSTIC TOOLS**
[54] **VALIDATION D'OUTILS ACOUSTIQUES DE PUITS TUBES**
[72] PANG, XUEYU, US
[72] JONES, PAUL, US
[72] EPSTEIN, ROBERT ERIC, US
[72] GORDON, ZACHARY EDWARD, US
[72] MANDAL, BATAKRISHNA, US
[72] GILSTRAP, TATIANA, US
[72] JIMENEZ, WALMY CUELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-05
[86] 2013-11-12 (PCT/US2013/069719)
[87] (WO2015/072976)

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[13] C
[51] **Int.Cl. G06F 13/40 (2006.01)**
[25] EN
[54] **REMOVABLE MEMORY CARD DISCRIMINATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DISCRIMINATION DE CARTE MEMOIRE AMOVIBLE**
[72] SHACHAM, ASSAF, US
[72] GIL, AMIT, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-04-07
[86] 2014-11-14 (PCT/US2014/065601)
[87] (WO2015/073768)
[30] US (14/080,852) 2013-11-15

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[51] **Int.Cl. A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF BEVERAGES BY MEANS OF CAPSULES**
[54] **PROCEDE DE PRODUCTION DE BOISSONS AU MOYEN DE CAPSULES**
[72] RAPPARINI, GINO, IT
[73] AROMA SYSTEM SRL, IT
[85] 2016-04-13
[86] 2014-10-17 (PCT/IB2014/065413)
[87] (WO2015/056238)
[30] IT (BO2013A000570) 2013-10-17

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[13] C
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **DEPTH, LOAD AND TORQUE REFERENCING IN A WELLBORE**
[54] **REFERENCEMENT DE PROFONDEUR, CHARGE ET COUPLE DANS UN PUITS DE FORAGE**
[72] MATA, MIGUEL LUIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-27
[86] 2013-11-14 (PCT/US2013/070055)
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[13] C
[51] **Int.Cl. B64D 27/26 (2006.01) B64D 27/02 (2006.01)**
[25] EN
[54] **HORIZONTAL AXIS PROPELLER ENGINE ASSEMBLY FOR AN AIRCRAFT**
[54] **MECANISME DE MOTEUR A HELICE A AXE HORIZONTAL DESTINE A UN AERONEF**
[72] MARCHE, JACQUES HERVE, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[86] (2931634)
[87] (2931634)
[22] 2016-05-30
[30] FR (15 56 839) 2015-07-20

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[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01)**
[25] EN
[54] **MULTI-COMPARTMENT DOSAGE FORM ARTICLES**
[54] **ARTICLES DE FORME GALENIQUE A COMPARTIMENTS MULTIPLES**
[72] BUYDTS, HILDE, BE
[72] VANQUICKENBORNE, STEFAAN, BE
[73] CAPSUGEL BELGIUM NV, BE
[85] 2016-06-02
[86] 2014-10-23 (PCT/IB2014/002650)
[87] (WO2015/082983)
[30] EP (13195563.5) 2013-12-03
[30] US (61/911,070) 2013-12-03

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[13] C
[51] **Int.Cl. G01F 1/00 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **AIR VOLUME MEASUREMENT METHOD FOR FAN MOTOR**
[54] **PROCEDE DE MESURE DE VOLUME D'AIR POUR MOTEUR DE VENTILATEUR**
[72] WANG, JIZHONG, CN
[72] ZHOU, YIQIAO, CN
[72] ZHANG, ZHENG, CN
[72] ZHAO, YONG, CN
[72] ZHANG, XIANSHENG, CN
[72] SUN, HAIRONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
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[86] 2014-07-23 (PCT/CN2014/082814)
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[13] C
[51] **Int.Cl. B60T 7/12 (2006.01) A47F 10/04 (2006.01) B62B 5/00 (2006.01) B62B 5/04 (2006.01) H04B 7/26 (2006.01) G05D 1/02 (2006.01) G08G 1/127 (2006.01)**
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[54] **TWO-WAY COMMUNICATION SYSTEM FOR TRACKING LOCATIONS AND STATUSES OF WHEELED VEHICLES**
[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNEL PERMETTANT DE SUIVRE LES POSITIONS ET LES ETATS DE VEHICULES A ROUES**
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[72] CARTER, SCOTT J., US
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[54] **MECANISME DE REGULATION DE FLUX POUR OUTIL DE FOND**
[72] RUSSO, CHRISTOPHER DALE, US
[72] MILLER, CARL BLANE, US
[72] TILLEY, DAVID J., US
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[54] **DISPOSITIF D'ACHEMINEMENT POUR ACHEMINER DES PIECES DE BOIS COUPEES**
[72] EBNER, FRANZ, AT
[73] SPRINGER MASCHINENFABRIK AG, AT
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[54] **METHODE DE SYNCHRONISATION D'EXTREMITE D'EMISSION ET D'EXTREMITE DE RECEPTION D'UN CODE FONTAINE**
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[73] MOTOROLA SOLUTIONS, INC., US
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[54] **OUTIL D'INSPECTION DE CANALISATIONS**
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[72] BARKER, TOD, US
[72] GREGOIRE, MARK, US
[72] LUDLOW, JED, US
[72] FLORA, JOHN H., US
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[54] **ELEMENT DE CAOUTCHOUC DEGRADABLE DESTINE A DES OUTILS DE FOND DE TROU, ELEMENT DE JOINT DEGRADABLE, ELEMENT DE PROTECTION DEGRADABLE, OUTIL DE FOND DE TROU ET METHODE DE FORAGE DEPUITS**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] KOBAYASHI, TAKUMA, JP
[73] KUREHA CORPORATION, JP
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[54] **AIGUILLE DE TRANSFUSION SURE JETABLE**
[72] MAO, YALING, CN
[73] GEMTIER MEDICAL (SHANGHAI) INC., CN
[85] 2016-09-19
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[54] **METHODE ET DISPOSITIF DE COMMUNICATION CONVERGEE DESTINES A AMELIORER LA COMMUNICATION EN BANDE LARGE ET EN BANDE ETROITE**
[72] BAKER, MICHAEL H., US
[72] SAHOO, BRUNDABAN, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **MONITORING OF DRILLING OPERATIONS USING DISCRETIZED FLUID FLOWS**
[54] **SURVEILLANCE D'OPERATIONS DE FORAGE EN UTILISANT DES ECOULEMENTS DE FLUIDES DISCRETISES**
[72] ROWE, MATHEW DENNIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BARBECUE GRILL AND COOKING METHOD USING BARBECUE GRILL**
[54] **GRILLE DE BARBECUE ET METHODE DE CUISSON SUR GRILLE DE BARBECUE**
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[73] FOODS-I CO., LTD., JP
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[54] **SYSTEME DE REFROIDISSEMENT DE BOUES DE FORAGE**
[72] THIESSEN, JAY JOHN, CA
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **DOUBLE MODULE 0-10 V/DALI DE COMMANDE DE REVERBERE**
[72] CARTMILL, KEN, CA
[72] WINTERS, SHAWN, CA
[73] LED ROADWAY LIGHTING LTD., CA
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[54] **ELEMENT DE SOCLE EN BETON, REUTILISABLE, PREFABRIQUE**
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[73] SPRONKEN, JOHN R., CA
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[54] **MOLDING SYSTEM**
[54] **SYSTEME DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] SAIKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] KOMATSU, TAKASHI, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[54] **RESINE ABSORBANT L'EAU ET ARTICLE ABSORBANT**
[72] YABUGUCHI, HIROKI, JP
[72] HINAYAMA, TETSUHIRO, JP
[72] HAMA, MAOKI, JP
[72] YOKOYAMA, HIDEKI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **SYNTHETIC APERTURE RADAR SIGNAL PROCESSING DEVICE AND SYNTHETIC APERTURE RADAR SIGNAL PROCESSING PROGRAM**
[54] **DISPOSITIF ET PROGRAMME DE TRAITEMENT DE SIGNAL RADAR A OUVERTURE SYNTHETIQUE**
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[72] OZAKI, ATSUO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **FALL PROTECTION APPARATUS WITH A MAST AND BOOM**
[54] **APPAREIL DE PROTECTION ANTI-CHUTE DOTE D'UN MAT ET D'UN BRAS**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
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[72] KIMURA, NATSUKO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **CHAUFFE-EAU ENERGIETIQUE**
[72] FOURNIER, DENIS, CA
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[54] **SLIDING WASTE COMPACTOR**
[54] **COMPACTEUR DE DECHETS COULISSANT**
[72] ZHANG, CHI Z. C., CA
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[25] EN
[54] **ULTRA-VIOLET LIGHT WATER TREATMENT SYSTEM FOR BATHING UNITS**
[54] **SYSTEME DE TRAITEMENT DE L'EAU LEGER AUX ULTRAVIOLETS DESTINE AUX MODULES DE BAIN**
[72] PELLETIER, MARTIN, CA
[72] LAFLAMME, BENOIT, CA
[71] GECKO ALLIANCE GROUP INC., CA
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[54] **MOVABLE WELLHEAD PLATFORM**
[54] **PLATEFORME DE TETE DE PUITS MOBILE**
[72] SMITH, PAUL R., CA
[71] SMITH, PAUL R., CA
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[54] **SNOWMOBILE FRAME STRUCTURE**
[54] **STRUCTURE DE CHASSIS DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] BEDARD, YVON, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **STRUCTURAL POST AND BEAM CONNECTION DEVICE WITH FRICTION RELEASE BRACKET**
[54] **MONTANT STRUCTURAL ET DISPOSITIF DE CONNEXION DE MONTANT DOTE D'UN SUPPORT DE LIBERATION DE FRICTION**
[72] BERGMAN, RICHARD, CA
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[54] **TRUSS ASSEMBLY & METHOD OF CONSTRUCTING A TRUSS STRUCTURE**
[54] **ASSEMBLAGE DE FERME ET METHODE DE CONSTRUCTION D'UNE STRUCTURE DE FERME**
[72] CHRISTIE, HUNTLY GORDON, US
[72] ADLER, PERCY, CA
[71] CHRISTIE LITES ENTERPRISES CANADA INC., CA
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[54] **VANNE DE DEVIATION D'ISOLATION ET GARNITURE DOUBLE**
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[71] ANDREYCHUK, MARK, CA
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[54] **SYSTEM AND METHOD FOR CONTROLLING THE FLOW OF AGRICULTURAL PRODUCTS FROM A VARIABLE-RATIO BLENDING APPLICATOR**
[54] **SYSTEME ET METHODE DE CONTROLE DU DEBIT DE PRODUITS AGRICOLES D'UN APPLICATEUR MELANGEUR A RAPPORT VARIABLE**
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] QUON, EDWARD, CA
[72] WILSON, GORDON BLAIR, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] ROSENGREN, COLIN MARK, CA
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[54] **SNOWMOBILE FOOTRESTS**
[54] **REPOSE-PIEDS DE MOTONEIGE**
[72] VEZINA, SEBASTIEN, CA
[72] BEDARD, YVON, CA
[72] GAGNON, MARTIN, CA
[72] FORTIER, JONATHAN, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[51] **Int.Cl. A41D 27/20 (2006.01)**
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[54] **A POCKET DESIGN FOR GARMENTS TO ALLOW MOBILE DEVICE USERS HANDS FREE RECORDING OF VIDEO, AUDIO AND OTHER DATA**
[54] **UN MODELE DE POCHE DE VETEMENTS PERMETTANT AUX UTILISATEURS D'APPAREIL MOBILE D'ENREGISTRER A MAIN LIBRE DES DONNEES VIDEO, AUDIO ET AUTRES**
[72] BAYLISS, TERRENCE R, CA
[71] BORN EMPIRE, CA
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[54] **MICROWAVE-ASSISTED MEDICAL TECHNOLOGIES AND APPARATUS THERFOR**
[54] **TECHNIQUES MEDICALES ASSISTEES PAR MICRO-ONDES ET APPAREIL CONNEXE**
[72] PARE, J. R. JOCELYN, CA
[72] BELANGER, JACQUELINE M.R., CA
[71] ATLANTIC CANCER RESEARCH INSTITUTE, CA
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[54] **VETEMENT MULTIFONCTIONNEL**
[72] LARCO, FLORETA, CA
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[54] **A TOFU PRESS AND METHOD OF REMOVING LIQUID FROM TOFU**
[54] **UNE PRESSE A TOFU ET UNE METHODE D'EXTRACTION DE LIQUIDE DU TOFU**
[72] KITTOW, ADAM, GB
[72] ANDREWS, SUSANNA, GB
[71] TOFUTURE LIMITED, GB
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[54] **CHARRUE A AILE PLIANTE**
[72] BUDROW, CHASE, CA
[72] STAIRS, MARK, CA
[72] WAUGH, MARK, CA
[72] PELKEY, TONY, CA
[72] DELONG, MAX, CA
[72] HOW, TYLER, CA
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[54] **READY-TO-USE DEVICE FOR MOUSE BONE MARROW CELLS ISOLATION**
[54] **DISPOSITIF PRET-A-L'EMPLOI DESTINE A L'ISOLATION DE CELLULES DE MOELLE OSSEUSE DE SOURIS**
[72] BALHARA, JYOTI, CA
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[54] **VERROUS ELECTRONIQUES A ETIQUETTES RFID A FAIBLE COUT ET FAIBLE CONSOMMATION D'ELECTRICITE**
[72] ABDULHADI, ABDULHADI E., CA
[72] AWHEDA, MOSTAFA DAEE, CA
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[54] **SEPARATEUR CENTRIFUGE COMPORTANT DES DISQUES SEPARATEURS REVETUS**
[72] BULBUC, DANIEL JOHN, CA
[72] CHILDS, DAVID HAROLD, CA
[71] SYNCRUDE CANADA LTD., CA
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[54] **VARIETE DE CANOLA AUTOGAME G30853A**
[72] GINGERA, GREGORY ROSS, CA
[72] KNIEVEL, DONNA CAROLYNN, CA
[71] AGRIGENETICS, INC., US
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[54] **CHARIOT MONOROUE PETIT FORMAT**
[72] THOMAS, TOM S., CA
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[54] **PUZZLE SYSTEM OF ELEMENTS FOR PAIRING**
[54] **SYSTEME DE PUZZLE D'ELEMENTS A APARIER**
[72] CHENG, ALLAN BLIN, DK
[72] BLIN, CHRISTINE CHENG, DK
[71] CHENG, ALLAN BLIN, DK
[71] BLIN, CHRISTINE CHENG, DK
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[25] EN
[54] **RACHETING WRENCH SYSTEM HAVING A LINEAR TWO-PAWL RATCHET MECHANISM CAPABLE OF EXCHANGEABLE WRENCH HEADS**
[54] **SYSTEME DE CLE A ROCHET COMPORTANT UN MECANISME DE ROCHET A DEUX CLIQUETS LINEAIRES A TETES DE CLE ECHANGEABLES**
[72] MACDONALD, JEFFREY DEAN, CA
[71] MACDONALD, JEFFREY DEAN, CA
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[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 42/00 (2016.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01)**
[25] EN
[54] **MEDICAL GLOVE FOR OBTAINING A PATIENT'S BLOOD PRESSURE, PULSE AND OXYGEN SATURATION**
[54] **GANT A USAGE MEDICAL SERVANT A OBTENIR LA TENSION ARTERIELLE D'UN PATIENT, SON POULS ET LA SATURATION EN OXYGENE**
[72] GREGORY HAYS, US
[71] GREGORY HAYS, US
[22] 2016-04-05
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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01) A61B 42/10 (2016.01)**
[25] EN
[54] **MEDICAL GLOVE FOR OBTAINING A PATIENT'S BLOOD PRESSURE, PULSE AND OXYGEN SATURATION**
[54] **GANT A USAGE MEDICAL SERVANT A OBTENIR LA TENSION ARTERIELLE D'UN PATIENT, SON POULS ET LA SATURATION EN OXYGENE**
[72] HAYS, GREGORY, US
[71] HAYS, GREGORY, US
[22] 2016-04-05
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[51] **Int.Cl. A63J 1/00 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **MOBILE STAGE WALL PANEL SYSTEM**
[54] **SYSTEME DE PANNEAU MURAL DE SCENE MOBILE**
[72] STROUD, RICHARD V., US
[72] ALLISON, TODD N., US
[72] PINGREE, JIMMIE E., US
[71] PROGRESSIVE PRODUCTS, INC., US
[22] 2016-04-05
[41] 2017-10-05

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[13] A1
[51] **Int.Cl. E02D 27/42 (2006.01) E04H 12/22 (2006.01) G07C 1/30 (2006.01)**
[25] FR
[54] **SET OF TUBES THAT ARE PART OF PARKING METERS AND RESISTANT TO ATMOSPHERIC CORROSION**
[54] **ENSEMBLE DE TUBES FAISANT PARTIE DES PARCOMETRES ET CE RESISTANTS A LA CORROSION ATMOSPHERIQUE**
[72] ROJAS, MIGUEL, CA
[71] ROJAS, MIGUEL, CA
[22] 2016-04-05
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[13] A1
[51] **Int.Cl. F25D 3/08 (2006.01) A45C 11/20 (2006.01) A45F 3/00 (2006.01)**
[25] EN
[54] **INSULATED CONTAINER ASSEMBLY WITH THERMAL STORAGE ACCOMMODATION**
[54] **ENSEMBLE DE CONTENANT ISOLE A COMPARTIMENT DE RANGEMENT THERMAL**
[72] MOGIL, MELVIN, CA
[72] MITCHELL, ELIZABETH, CA
[72] KEARNS, WILLIAM, CA
[72] EDWARDS, CHRISTOPHER, CA
[72] STEPHENS, RICK, US
[71] CALIFORNIA INNOVATIONS INC., CA
[22] 2016-04-06
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[30] US (15/091,189) 2016-04-05

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[51] **Int.Cl. A22C 17/08 (2006.01) A22C 17/00 (2006.01) A22C 21/00 (2006.01) A22C 25/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING GAME**
[54] **APPAREIL ET METHODE DE NETTOYAGE DE GIBIER**
[72] MCDONALD, TIM, US
[71] MCDONALD, TIM, US
[22] 2016-04-05
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[51] **Int.Cl. A63F 7/06 (2006.01)**
[25] EN
[54] **TABLE GOLF HOLE DEVICE (GAME)**
[54] **DISPOSITIF DE TROU DE GOLF DE TABLE (JEU)**
[72] CAVANAGH, RONALD, CA
[71] CAVANAGH, RONALD, CA
[22] 2016-04-07
[41] 2017-10-07

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 49/00 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **METHOD OF DEVELOPMENT OF A DEPOSIT OF HIGH-VISCOSITY OIL OR BITUMEN**
[54] **METHODE D'ELABORATION D'UN DEPOT DE PETROLE A VISCOSITE ELEVEE OU DE BITUME**
[72] IBATULLIN, RAVIL RUSTAMOVICH, CA
[71] TAL OIL LTD., CA
[22] 2016-04-07
[41] 2017-10-07

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[51] **Int.Cl. C30B 7/14 (2006.01) C01B 7/03 (2006.01) C01F 11/46 (2006.01) C22B 3/44 (2006.01) C22B 26/20 (2006.01)**
[25] EN
[54] **PRODUCTION OF HIGH STRENGTH HYDROCHLORIC ACID FROM CALCIUM CHLORIDE FEED STREAMS BY CRYSTALLIZATION**
[54] **PRODUCTION D'ACIDE HYDROCHLORIQUE A CONCENTRATION ELEVEE A PARTIR DE FLUX D'ALIMENTATION DE CHLORURE DE CALCIUM PAR CRISTALLISATION**
[72] DEMOPOULOS, GEORGE, CA
[72] FELDMANN, THOMAS, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[41] 2017-10-06

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[51] **Int.Cl. B09C 1/02 (2006.01) B09C 1/08 (2006.01)**
[25] EN
[54] **DECONTAMINATION PROCESS OF SOILS AND EFFLUENTS POLLUTED BY INORGANIC AND/OR ORGANIC CONTAMINANTS**
[54] **PROCEDE DE DECONTAMINATION DES SOLS ET DES EFFLUENTS POLLUES PAR DES CONTANIMANTS ORGANIQUES OU INORGANIQUES**
[72] MERCIER, GUY, CA
[72] BLAIS, JEAN-FRANCOIS, CA
[72] GUEMIZA, KARIMA, CA
[72] METAHNI, SABRINE, CA
[72] MERCIER, GABRIELLE, CA
[72] CHARTIER, MYRIAM, CA
[72] COUDERT, LUCIE, CA
[72] TRAN, LAN HUONG, CA
[72] BESNER, SIMON, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
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[51] **Int.Cl. A63F 3/06 (2006.01) A63F 13/30 (2014.01)**
[25] EN
[54] **NETWORK-ENABLED METHOD AND SYSTEM FOR A MULTI-PLAYER GAME WITH PLAYER TURN-DEPENDENT AWARD STRUCTURE**
[54] **METHODE ACTIVEE PAR UN RESEAU ET SYSTEME DESTINE A UN JEU MULTIJOUEUR A STRUCTURE DE RECOMPENSE FONDEE SUR LE TOUR DU JOUEUR**
[72] MOUND, ANDREW JONATHAN, US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2016-04-07
[41] 2017-10-07

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[13] A1
[51] **Int.Cl. A62D 3/38 (2007.01) B09B 3/00 (2006.01) B29B 17/00 (2006.01)**
[25] EN
[54] **ROTATING KILN AND APPARATUS FOR THERMAL CONVERSION OF ORGANIC WASTES, METHOD FOR CONVERTING ORGANIC WASTES INTO USEFUL PRODUCTS, MANUFACTURING OF ROTATING KILNS AND APPARATUS AND USES THEREOF**
[54] **SECHOIR ROTATIF ET APPAREIL DE CONVERSION THERMIQUE DE DECHETS ORGANIQUES, METHODE DE CONVERSION DE DECHETS ORGANIQUES EN PRODUITS UTILES, FABRICATION DE SECHOIRS ROTATIFS ET APPAREIL ET UTILISATIONS ASSOCIES**
[72] BERTRAND, LOUIS, CA
[72] WHEELER, LUCIE, CA
[71] BERTRAND, LOUIS, CA
[71] WHEELER, LUCIE, CA
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[13] A1
[51] **Int.Cl. E21B 7/18 (2006.01) E21C 37/12 (2006.01)**
[25] EN
[54] **HIGH PRESSURE WATER JET ADD-ON TO HYDROVAC BOOM HOSE**
[54] **AJOUT DE JET D'EAU HAUTE PRESSION A UN TUYAU DE BRAS D'HYDROVAC**
[72] RINAS, RYAN L., CA
[71] RINAS, RYAN L., CA
[22] 2016-04-07
[41] 2017-10-05
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[51] **Int.Cl. A61H 99/00 (2006.01) A61B 5/11 (2006.01) A61H 1/00 (2006.01) A63B 21/00 (2006.01) A63B 24/00 (2006.01)**
[25] EN
[54] **INTERACTIVE MOBILE TECHNOLOGY FOR GUIDANCE AND MONITORING OF PHYSICAL THERAPY EXERCISES**
[54] **TECHNOLOGIE MOBILE INTERACTIVE SERVANT A GUIDER ET SURVEILLER LES EXERCICES DE THERAPIE PHYSIQUE**
[72] SADEGHI, JAVAD, CA
[72] RAJAB ZADEH MOGHADDAM, ELAHEH, CA
[71] SADEGHI, JAVAD, CA
[71] RAJAB ZADEH MOGHADDAM, ELAHEH, CA
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[51] **Int.Cl. E03C 1/12 (2006.01)**
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[54] **P-TRAP PLUMBING CONNECTION AND A METHOD OF INSTALLING A P-TRAP PLUMBING CONNECTION**
[54] **RACCORD DE TUYAUTERIE A PIEGE EN P ET UNE METHODE D'INSTALLATION D'UN RACCORD DE TUYAUTERIE A PIEGE EN P**
[72] GOGOULIS, GEORGE N., CA
[71] GOGOULIS, GEORGE N., CA
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[51] **Int.Cl. B21D 53/88 (2006.01) B60D 1/145 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A TRAILER HITCH RECEIVER TUBE**
[54] **METHODE DE FACONNAGE D'UN TUBE RECEPTEUR D'ATTACHE DE REMORQUE**
[72] FORTE, MARIO, CA
[72] FORTE, JON RYAN, CA
[71] JEFFERSON METAL PRODUCTS INC., CA
[22] 2016-04-29
[41] 2017-10-03

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[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/16 (2006.01) E05B 15/00 (2006.01) E05C 19/10 (2006.01)**
[25] EN
[54] **DUSTBIN LOCK ASSEMBLY**
[54] **MECANISME DE VERROU DE RAMASSE-POUSSIERE**
[72] MATUSCHEK, MANFRED ERNST, DE
[72] ACKERMANN, TOBIAS, DE
[71] FRANZEN CANADA CORP., CA
[22] 2016-06-01
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[51] **Int.Cl. F24D 3/14 (2006.01) F24D 3/16 (2006.01)**
[25] EN
[54] **SUPPORT FOR RADIANT COVERING AND FLOOR HEATING ELEMENTS**
[54] **SUPPORT DE REVETEMENT RAYONNANT ET ELEMENTS CHAUFFANTS DE PLANCHER**
[72] BORDIN, DENNIS, IT
[71] PROGRESS PROFILES S.P.A., IT
[22] 2016-06-30
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[30] IT (102016000033439) 2016-04-01

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[13] A1
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 15/00 (2006.01) A01C 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE FLOW OF AGRICULTURAL PRODUCTS FROM A VARIABLE-RATIO BLENDING APPLICATOR**
[54] **SYSTEME ET METHODE DE CONTROLE DU DEBIT DE PRODUITS AGRICOLES D'UN APPLICATEUR MELANGEUR A RAPPORT VARIABLE**
[72] SCHEMBRI, CHARLES J., CA
[72] QUON, EDWARD, CA
[72] WILSON, GORDON B., CA
[72] ROSENGREN, COLIN M., CA
[72] RUFF, ROBERT S., CA
[71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
[22] 2016-08-10
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[51] **Int.Cl. B63B 21/56 (2006.01)**
[25] EN
[54] **APPARATUS FOR TOWING PERSONAL WATERCRAFT**
[54] **APPAREIL DE REMORQUAGE D'UNE EMBARCATION PERSONNELLE**
[72] DUSK, RICHARD, CA
[72] LARIVIERE, MARK, CA
[72] CHAPMAN, TIM, CA
[71] DUSK, RICHARD, CA
[71] LARIVIERE, MARK, CA
[71] CHAPMAN, TIM, CA
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[51] **Int.Cl. E21B 47/13 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIRECTIONAL DRILLING**
[54] **SYSTEMES ET METHODES DE FORAGE DIRECTIONNEL**
[72] HOGAN, THOMAS S., US
[71] SAVANT TECHNOLOGIES, LLC, US
[22] 2016-09-07
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[51] **Int.Cl. A61H 19/00 (2006.01) A61H 23/00 (2006.01)**
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[54] **COMPRESSION WAVE MASSAGE DEVICE**
[54] **DISPOSITIF DE MASSAGE A ONDE DE COMPRESSION**
[72] WITT, FLORIAN M., DE
[71] EIS GMBH, DE
[22] 2016-09-22
[41] 2017-10-04
[30] EP (16169444.3) 2016-05-12
[30] DE (102016106120.4) 2016-04-04

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[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **DISPOSITIF DE POULIE AJUSTABLE DESTINE A UN ARC COMPOSE**
[72] EACKER, CHRISTOPHER J., US
[72] OBTESHKA, NICHOLAS C., US
[72] RINKER, DYLAN G., US
[71] BOWTECH, INC., US
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[51] **Int.Cl. C08B 30/04 (2006.01) A23L 29/212 (2016.01) A01H 1/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PRODUCING STARCH WITH NOVEL FUNCTIONALITY**
[54] **COMPOSITIONS ET METHODES DE PRODUCTION D'AMIDON A FONCTIONNALITE NOVATRICE**
[72] OSTRANDER, BRAD, US
[72] JIANG, HONGXIN, US
[72] LANE, CHRIS, US
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
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[30] US (15/090,926) 2016-04-05
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[51] **Int.Cl. B64D 15/16 (2006.01) B64D 15/20 (2006.01)**
[25] EN
[54] **PNEUMATIC DE-ICER WITH SENSOR FOR SUPERCOOLED LARGE DROPLET ICING DETECTION**
[54] **DEGIVREUR PNEUMATIQUE DOTE D'UN CAPTEUR DESTINE A LA DETECTION DE GIVRAGE PAR GROSSE GOUTTELETTE SUPER REFROIDIE**
[72] PUTT, JAMES C., US
[71] GOODRICH CORPORATION, US
[22] 2017-01-10
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[51] **Int.Cl. B64C 1/00 (2006.01) B64C 27/04 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **A HELICOPTER WITH A FUSELAGE AND COMPOSITE TAIL BOOM**
[54] **UN HELICOPTERE DOTE D'UN FUSELAGE ET D'UNE POUTRE DE QUEUE EN COMPOSITE**
[72] FINK, AXEL, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2017-01-12
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[51] **Int.Cl. B65D 90/08 (2006.01)**
[25] EN
[54] **FASTENERS TO SECURE VARIOUS FIXTURES TO EXTERIOR OF SHIPPING TRANSPORT CONTAINERS**
[54] **FIXATIONS SERVANT A SECURISER DIVERS ELEMENTS A L'EXTERIEUR DES CONTENANTS DE TRANSPORT DESTINES A L'EXPEDITION**
[72] WYTENBURG, RIES IGNATIUS, US
[71] WYTENBURG, RIES IGNATIUS, US
[22] 2017-01-23
[41] 2017-10-05
[30] US (15/091,101) 2016-04-05

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[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) B64F 5/00 (2017.01) G01L 5/00 (2006.01)**
[25] EN
[54] **ON-BOARD STRUCTURAL LOAD ASSESSMENT OF AN AIRCRAFT DURING FLIGHT EVENTS**
[54] **EVALUATION DE CHARGE STRUCTURELLE EMBARQUEE D'UN AERONEF PENDANT DES EVENEMENTS EN VOL**
[72] KEARNS, JUSTIN D., US
[72] LI, RONGSHENG, US
[72] HUSSAIN, NAVEED, US
[72] ARIWODOLA, KAYODE T., US
[72] DAVIS, CHRISTOPHER L., US
[72] HAGELIN, JACK S., US
[72] PADO, LAWRENCE E., US
[71] THE BOEING COMPANY, US
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[41] 2017-10-04
[30] US (15/090,326) 2016-04-04

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[13] A1
[51] **Int.Cl. B64C 27/54 (2006.01) B64C 27/80 (2006.01)**
[25] EN
[54] **A PROPELLER ASSEMBLY WITH AT LEAST TWO PROPELLER BLADES**
[54] **UN ASSEMBLAGE D'HELICE COMPORTANT AU MOINS DEUX PALES D'HELICE**
[72] KIESEWETTER, UWE, DE
[72] HAISCH, STEFAN, DE
[72] BEBESEL, MARIUS, DE
[72] MORES, SEBASTIAN, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[51] **Int.Cl. G05G 5/02 (2006.01) A63H 27/133 (2006.01) A63H 27/24 (2006.01) A63H 30/04 (2006.01) G05D 1/04 (2006.01) G05G 1/04 (2006.01) G05G 9/047 (2006.01)**
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[54] **TRANSMITTER**
[54] **EMETTEUR**
[72] TODOKORO, SHINJI, JP
[71] AGATSUMA CO., LTD., JP
[22] 2017-02-03
[41] 2017-10-06
[30] JP (2016-076317) 2016-04-06

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[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) G06F 21/78 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **A SYSTEM AND A COMPUTER-IMPLEMENTED METHOD FOR MULTI PATH COMMUNICATION WITH AN UNMANNED AERIAL VEHICLE DURING A MISSION**
[54] **UN SYSTEME ET UNE METHODE MISE EN OEUVRE PAR ORDINATEUR DESTINES A LA COMMUNICATION MULTIVOIE AVEC UN VEHICULE AERIEN INHABITE PENDANT UNE MISSION**
[72] PEREZ VILLAR, VICTOR, ES
[71] THE BOEING COMPANY, US
[22] 2017-02-14
[41] 2017-10-06
[30] EP (16382148.1) 2016-04-06

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[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01) G06F 19/00 (2011.01) G08G 5/00 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR SHARING INFORMATION BETWEEN PASSENGERS AND AIR TRAFFIC MANAGEMENT STAKEHOLDERS**
[54] **UN SYSTEME ET UNE METHODE MISE EN OEUVRE PAR ORDINATEUR SERVANT A COMMUNIQUER L'INFORMATION ENTRE LES PASSAGERS ET LES PARTENAIRES DE GESTION DU TRAFIC AERIEN**
[72] CASADO, ENRIQUE, ES
[72] COSTAS, PABLO, ES
[71] THE BOEING COMPANY, US
[22] 2017-02-14
[41] 2017-10-07
[30] EP (16382152.3) 2016-04-07

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[51] **Int.Cl. A01C 7/06 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **DOUBLE-SHOOT KNIFE ATTACHMENT**
[54] **ACCESSOIRE DE COUTEAU A DOUBLE COUP**
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] ROBERGE, MARTIN J., CA
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2017-02-22
[41] 2017-10-05
[30] US (15/091,445) 2016-04-05

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[13] A1
[51] **Int.Cl. H01T 4/16 (2006.01) H01T 2/00 (2006.01)**
[25] EN
[54] **GAS DISCHARGE TUBES AND METHODS AND ELECTRICAL SYSTEMS INCLUDING SAME**
[54] **TUBES DE DECHARGE DE GAZ ET METHODES, ET SYSTEMES ELECTRIQUES EN COMPORTANT**
[72] ROZMAN, ROBERT, SI
[71] RIPD RESEARCH AND IP DEVELOPMENT LTD., GR
[22] 2017-02-23
[41] 2017-10-01
[30] US (15/089294) 2016-04-01

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[13] A1
[51] **Int.Cl. G06F 21/32 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR AUTHENTICATING USERS**
[54] **METHODES ET SYSTEMES D'AUTHENTIFICATION DES UTILISATEURS**
[72] IONITA, MIRCEA, IE
[72] PEIRCE, MICHAEL, IE
[72] AHERN, JAMES, IE
[72] WATSON, MICHAEL STEPHEN, AU
[71] DAON HOLDINGS LIMITED, KY
[22] 2017-02-23
[41] 2017-10-04
[30] US (15/089,608) 2016-04-04

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[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01) B62D 11/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERABLE TRACK ASSEMBLY PIVOTABLE ABOUT THREE AXES**
[54] **ENSEMBLE DE RAIL DIRIGEABLE D'ACCESSOIRE PIVOTANT SUR TROIS AXES**
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[72] LYKKEN, TOM, US
[72] ZACH, DAVID ALLEN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-02-28
[41] 2017-10-07
[30] US (15/093,085) 2016-04-07

[21] **2,959,781**
[13] A1
[51] **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**
[72] ALEED, SARAH, DE
[72] BEFUSS, JULIA, DE
[72] PRENZEL, ALEXANDER, DE
[72] SCHUBERT, THOMAS, DE
[71] TESA SE, DE
[22] 2017-03-02
[41] 2017-10-07
[30] DE (10 2016 205 808.8) 2016-04-07

[21] **2,959,797**
[13] A1
[51] **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01) C09J 9/00 (2006.01) C09J 11/08 (2006.01) C09J 121/00 (2006.01)**
[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**
[72] LUNDING, MARTA, DE
[72] BEFUSS, JULIA, DE
[72] PRENZEL, ALEXANDER, DE
[72] SCHUBERT, THOMAS, DE
[71] TESA SE, DE
[22] 2017-03-02
[41] 2017-10-07
[30] DE (10 2016 205 822.3) 2016-04-07

[21] **2,959,842**
[13] A1
[51] **Int.Cl. B23Q 3/12 (2006.01) F16B 21/18 (2006.01)**
[25] EN
[54] **IMPROVED BIT RETAINER**
[54] **DISPOSITIF DE RETENUE DE FORET AMELIORE**
[72] SOLLAMI, PHILLIP, US
[71] THE SOLLAMI COMPANY, US
[22] 2017-03-02
[41] 2017-10-01
[30] US (15/088,246) 2016-04-01

[21] **2,959,894**
[13] A1
[51] **Int.Cl. A01F 15/08 (2006.01) A01F 15/00 (2006.01)**
[25] EN
[54] **EMERGENCY STOP DEVICE, BALE WRAPPING DEVICE AND HARVESTING APPLIANCE**
[54] **DISPOSITIF D'ARRET D'URGENCE, DISPOSITIF D'EMBALLAGE DE BALLE ET APPAREIL DE RECOLTE**
[72] CHAPON, EMMANUEL, FR
[72] GUIET, LIONEL, FR
[72] GUERIN, SEBASTIEN, FR
[71] DEERE & COMPANY, US
[22] 2017-03-03
[41] 2017-10-04
[30] DE (10 2016 205 527.5) 2016-04-04

[21] **2,959,922**
[13] A1
[51] **Int.Cl. B23K 37/00 (2006.01) B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **DYNAMIC RANGE ENHANCEMENT SYSTEMS AND METHODS FOR USE IN WELDING APPLICATIONS**
[54] **SYSTEMES D'AMELIORATION DE PLAGE DYNAMIQUE ET METHODES DESTINEES A DES APPLICATIONS DE SOUDAGE**
[72] BEESON, RICHARD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-03-06
[41] 2017-10-04
[30] US (62/317,891) 2016-04-04
[30] US (15/412,942) 2017-01-23

[21] **2,959,926**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR OW1210690**
[54] **CULTIVAR DE SOYA OW1210690**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-03-06
[41] 2017-10-06
[30] US (15/091,735) 2016-04-06

[21] **2,959,932**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERING SYSTEM**
[54] **MECANISME DE DIRECTION D'ACCESSOIRE**
[72] MANIAR, ALIHAIDER, US
[72] PRICKEL, MARVIN A., US
[72] PRODDUTURI, SHIVAKUMAR, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-03-06
[41] 2017-10-07
[30] US (15/093,325) 2016-04-07

[21] **2,959,933**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01) B62D 9/00 (2006.01)**
[25] EN
[54] **IMPLEMENT STEERABLE TRACK ASSEMBLY WITH PIVOTING STEERING ACTUATOR**
[54] **MECANISME DE RAIL DIRIGEABLE D'ACCESSOIRE DOTE D'UN ACTIONNEUR DE DIRECTION PIVOTANT**
[72] PRICKEL, MARVIN A., US
[72] PRODDUTURI, SHIVAKUMAR, US
[72] LYKKEN, TOM, US
[72] ZACH, DAVID ALLEN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-03-06
[41] 2017-10-07
[30] US (15/093,094) 2016-04-07

[21] **2,960,498**
[13] A1
[51] **Int.Cl. F16L 37/12 (2006.01) F16L 37/127 (2006.01)**
[25] EN
[54] **QUICK CONNECTOR ASSEMBLY AND METHOD OF ESTABLISHING AND ENSURING A FLUID-TIGHT CONNECTION BETWEEN CONDUITS**
[54] **DISPOSITIF DE RACCORD RAPIDE ET METHODE D'ETABLISSEMENT ET DE VERIFICATION D'UNE CONNEXION ETANCHE ENTRE DES CONDUITS**
[72] ECKARD, DUANE, US
[72] NATARAJAN, UMASHANKER, US
[72] CHAMPION, BRIAN, US
[72] LONGHENRY, MICHAEL, US
[71] MINIATURE PRECISION COMPONENTS, INC., US
[22] 2017-03-10
[41] 2017-10-05
[30] US (15/091,218) 2016-04-05

[21] **2,960,511**
[13] A1
[51] **Int.Cl. A01D 41/00 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **SWATHBOARD CONTROL WITH WINDROW MERGER ATTACHMENT**
[54] **COMMANDE DE PLANCHE A ANDAINS DOTEE D'UN ACCESSOIRE DE LIAISON D'ANDAIN**
[72] TREFFER, DOUGLAS R., US
[72] NAFZIGER, BRENDON C., US
[72] GLADE, MARK M., US
[71] AGCO CORPORATION, US
[22] 2017-03-10
[41] 2017-10-04
[30] US (62/317,967) 2016-04-04

[21] **2,960,619**
[13] A1
[51] **Int.Cl. F16B 25/04 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW-TYPE FASTENER**
[54] **FIXATION DE TYPE VISSE**
[72] FALKENSTEIN, MICHAEL K., US
[72] LAJEWARDI, FARHAD, US
[71] THE HILLMAN GROUP, INC., US
[22] 2017-03-13
[41] 2017-10-04
[30] US (62/317,717) 2016-04-04

[21] **2,961,073**
[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **IMPROVED HIGH EFFICIENCY WASTEWATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DES EAUX USEES AMELIORE A HAUTE EFFICACITE**
[72] GRAVES, GREGORY D., US
[71] GRAVES, GREGORY D., US
[22] 2017-03-13
[41] 2017-10-03
[30] US (15/403,005) 2017-01-10

[21] **2,961,084**
[13] A1
[51] **Int.Cl. E04F 19/04 (2006.01)**
[25] EN
[54] **WALL PANEL BASE TRIM AND METHOD FOR THE SAME**
[54] **BORDURE DE BASE DE PANNEAU MURAL ET METHODE ASSOCIEE**
[72] BRAUN, WAYNE HAROLD, US
[71] BRAUN, WAYNE HAROLD, US
[22] 2017-03-14
[41] 2017-10-01
[30] US (15/089,112) 2016-04-01

[21] **2,961,330**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **INTELLIGENT SENSOR-ACTIVATED LIGHT CONTROL DEVICES, SYSTEMS, AND METHODS INCLUDING AMBIENT LIGHT SENSORS**
[54] **DISPOSITIFS DE CONTROLE D'ECLAIRAGE ACTIVE PAR DETECTEUR INTELLIGENT, SYSTEMES ET METHODES COMPORTANT LES CAPTEURS D'ECLAIRAGE AMBIANT**
[72] ROGERS, BRANDON JEREMY, US
[72] EL-GAYYAR, AHMED, US
[71] EATON CORPORATION, US
[22] 2017-03-17
[41] 2017-10-01
[30] US (15/088,375) 2016-04-01

[21] **2,961,384**
[13] A1
[51] **Int.Cl. H04B 17/21 (2015.01) H04B 17/11 (2015.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMICALLY CALIBRATING ONE OR MORE RADIOFREQUENCY CHANNELS OF A SATELLITE PAYLOAD**
[54] **SYSTEME ET METHODE D'ETALONNAGE DYNAMIQUE D'UN OU DE PLUSIEURS CANAUX DE RADIOFREQUENCE D'UNE CHARGE SATELLITAIRE**
[72] OSTER, YANN NICOLAS PIERRE, FR
[72] LECOINTRE, AUBIN MICHEL, FR
[71] THALES, FR
[22] 2017-03-20
[41] 2017-10-04
[30] FR (1600565) 2016-04-04

[21] **2,961,444**
[13] A1
[51] **Int.Cl. B09C 1/02 (2006.01) B09C 1/04 (2006.01)**
[25] EN
[54] **DECONTAMINATION PROCESS OF SOILS AND EFFLUENTS POLLUTED BY INORGANIC AND/OR ORGANIC CONTAMINANTS**
[54] **PROCEDE DE DECONTAMINATION DES SOLS ET DES EFFLUENTS POLLUES PAR DES CONTANIMANTS ORGANIQUES OU INORGANIQUES**
[72] MERCIER, GUY, CA
[72] BLAIS, JEAN-FRANCOIS, CA
[72] GUEMIZA, KARIMA, CA
[72] METAHNI, SABRINE, CA
[72] MERCIER, GABRIELLE, CA
[72] CHARTIER, MYRIAM, CA
[72] COUDERT, LUCIE, FR
[72] TRAN, LAN HUONG, CA
[72] BESNER, SIMON, CA
[71] INRS, CA
[22] 2017-03-21
[41] 2017-10-06
[30] CA (2,926,363) 2016-04-06

[21] **2,961,466**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONTROLLING QUANTITIES OF DENOMINATIONS OF CURRENCY AT A RETAIL SHOPPING FACILITY**
[54] **SYSTEMES ET METHODES DE CONTROLE DE QUANTITES DE DENOMINATIONS D'UNE MONNAIE DANS UNE INSTALLATION DE VENTE AU DETAIL**
[72] NAIL, BETSY GOOSMAN, US
[72] JOHNSON, CHRISTOPHER M., US
[72] NAZARIAN, EHSAN, US
[71] WAL-MART STORES, INC., US
[22] 2017-03-20
[41] 2017-10-01
[30] US (62/317,221) 2016-04-01

[21] **2,961,484**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **CONVERTIBLE BASKET CATHETER**
[54] **CATHETER A PANIER CONVERTIBLE**
[72] TRAN, PAUL, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-20
[41] 2017-10-04
[30] US (15/090,435) 2016-04-04

[21] **2,961,506**
[13] A1
[51] **Int.Cl. B65D 47/32 (2006.01) B65D 49/02 (2006.01)**
[25] EN
[54] **INTEGRATED ONE-WAY VALVE WITH POLYOL FILM**
[54] **SOUPAPE UNIDIRECTIONNELLE INTEGREE A PELLICULE DE POLYOL**
[72] BRANYON, JACOB DONALD PRUE, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-03-21
[41] 2017-10-05
[30] US (62/318,440) 2016-04-05

[21] **2,961,764**
[13] A1
[51] **Int.Cl. B28B 19/00 (2006.01) B28B 17/00 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATING A CONCRETE SLAB SYSTEM**
[54] **METHODE DE FABRICATION D'UN SYSTEME DE DALLE DE BETON**
[72] FACE, S. ALLEN, US
[72] SCURTO, GREGORY M., US
[71] DUCTILCRETE SLAB SYSTEMS, LLC, US
[22] 2017-03-22
[41] 2017-10-07
[30] US (62/319,568) 2016-04-07
[30] US (15/462,081) 2017-03-17

[21] **2,961,765**
[13] A1
[51] **Int.Cl. E04B 5/16 (2006.01) E04C 1/00 (2006.01) E04C 1/40 (2006.01)**
[25] EN
[54] **CONCRETE SLAB SYSTEM**
[54] **SYSTEME DE DALLE DE BETON**
[72] FACE, S. ALLEN, US
[72] SCURTO, GREGORY M., US
[71] DUCTILCRETE SLAB SYSTEMS, LLC, US
[22] 2017-03-22
[41] 2017-10-07
[30] US (62/319,568) 2016-04-07
[30] US (15/462,040) 2017-03-17

[21] **2,961,776**
[13] A1
[51] **Int.Cl. F01D 5/10 (2006.01) F01D 5/30 (2006.01) F16F 15/20 (2006.01) F16F 15/32 (2006.01) G01M 1/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BALANCING A ROTOR**
[54] **METHODE ET APPAREIL D'EQUILIBRAGE D'UN ROTOR**
[72] BISHOP, MICHAEL JASON, US
[72] KIRKENG, KEVIN LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-23
[41] 2017-10-01
[30] US (15/088,803) 2016-04-01

[21] **2,961,827**
[13] A1
[51] **Int.Cl. G05B 19/408 (2006.01) G05B 19/4065 (2006.01) G05B 19/409 (2006.01) G05B 19/4097 (2006.01)**
[25] EN
[54] **METHOD WHICH IS CARRIED OUT BY MEANS OF A COMPUTER SYSTEM FOR PROJECTING A PRODUCTION PROCESS AND COMPUTER PROGRAMME AND COMPUTER SYSTEM FOR CARRYING OUT THE METHOD**
[54] **METHODE QUI EST REALISEE AU MOYEN D'UN SYSTEME INFORMATIQUE EN VUE DE LA PROJECTION D'UN PROCEDE DE PRODUCTION, ET PROGRAMME INFORMATIQUE ET SYSTEME INFORMATIQUE SERVANT A REALISER LA METHODE**
[72] HEINRICHS, SERJOSHA, DE
[72] LUTHER, TORBEN, DE
[72] MARRE, MICHAEL, DE
[72] MARTIN, STEFAN, DE
[72] NOTH, THOMAS, DE
[72] PREISINGER, MARKUS, DE
[71] FELSS SYSTEMS GMBH, DE
[22] 2017-03-23
[41] 2017-10-04
[30] EP (EP 16 163 673.3) 2016-04-04

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[21] **2,961,843**
[13] A1
[51] **Int.Cl. B29C 47/32 (2006.01) B29C 47/88 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING THE DRAW RESONANCE IN PLANTS FOR THE PRODUCTION OF PLASTIC FILM**
[54] **SYSTEME ET METHODE DE REDUCTION DE LA RESONANCE D'APPEL DANS LES USINES EN VUE DE LA PRODUCTION DE PELLICULE PLASTIQUE**
[72] LOMBARDINI, NICOLA, IT
[71] COLINES S.P.A., IT
[22] 2017-03-23
[41] 2017-10-07
[30] IT (102016000035587) 2016-04-07

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[21] **2,961,858**
[13] A1
[51] **Int.Cl. A01K 1/035 (2006.01) E04F 11/00 (2006.01)**
[25] EN
[54] **PET RAMP SYSTEM**
[54] **SYSTEME DE RAMPE POUR ANIMAL DE COMPAGNIE**
[72] MACNEIL, DAVID F., US
[72] MASANEK, FREDERICK W., JR., US
[72] IVERSON, DAVID S., US
[71] MACNEIL IP LLC, US
[22] 2017-03-23
[41] 2017-10-04
[30] US (15/090321) 2016-04-04

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[21] **2,961,888**
[13] A1
[51] **Int.Cl. H02K 3/46 (2006.01) H02K 1/06 (2006.01) H02K 17/44 (2006.01)**
[25] EN
[54] **A STATIONARY COIL SUPPORT FOR A BRUSHLESS ALTERNATOR AND A BRUSHLESS ALTERNATOR COMPRISING THE SAME**
[54] **UN SUPPORT DE BOBINE STATIONNAIRE DESTINE A UN ALTERNATEUR SANS BALAI ET UN ALTERNATEUR SANS BALAI LE COMPORTANT**
[72] IONELE, BOGDAN, CA
[71] DIXIE ELECTRIC LTD., CA
[22] 2017-03-24
[41] 2017-10-04
[30] US (62/317,818) 2016-04-04

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[21] **2,961,938**
[13] A1
[51] **Int.Cl. B66F 9/20 (2006.01) B65G 1/00 (2006.01) B65G 1/137 (2006.01) B66F 9/06 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOVING PALLETS VIA UNMANNED MOTORIZED UNIT-GUIDED FORKLIFTS**
[54] **SYSTEMES ET METHODES DE DEPLACEMENT DE PALETTES AU MOYEN DE CHARIOTS ELEVATEURS A FOURCHE MOTORISES AUTONOMES**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-23
[41] 2017-10-01
[30] US (62/316,782) 2016-04-01

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[21] **2,961,940**
[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **SMART BIN LOTTERY TICKET DISPENSER SYSTEM WITH VARYING TICKET SIZE INSERTS AND ASSOCIATED FRONT PANELS**
[54] **SYSTEME INTELLIGENT DE DISTRIBUTEUR DE BILLETS DE LOTERIE A BACS DOTE D'INSERTIONS DE FORMAT DE BILLET VARIABLE ET PANNEAUX AVANT ASSOCIES**
[72] GARRISON, SCOTT B., US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2017-03-23
[41] 2017-10-06
[30] US (15/092,070) 2016-04-06

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[21] **2,961,942**
[13] A1
[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **SMART BIN LOTTERY TICKET DISPENSER WITH VARYING TICKET SIZE INSERTS**
[54] **DISTRIBUTEUR INTELLIGENT DE BILLET DE LOTERIE A BACS DOTE D'INSERTIONS DE FORMAT DE BILLET VARIABLES**
[72] GARRISON, SCOTT B., US
[71] SCIENTIFIC GAMES INTERNATIONAL, INC., US
[22] 2017-03-23
[41] 2017-10-06
[30] US (15/092,047) 2016-04-06

[21] **2,961,997**
[13] A1
[51] **Int.Cl. G01M 9/02 (2006.01) G01M 9/04 (2006.01)**
[25] EN
[54] **PORTABLE AEROACOUSTIC WIND TUNNEL AND METHOD OF TESTING A VEHICLE FOR WIND NOISE**
[54] **TUNEL DE VENT AEROACOUSTIQUE PORTATIF ET METHODE DE TEST DU BRUIT DU VENT DANS UN VEHICULE**
[72] GULKER, WILLIAM, US
[71] FORD MOTOR COMPANY, US
[22] 2017-03-24
[41] 2017-10-07
[30] US (62/319,437) 2016-04-07
[30] US (15/463,808) 2017-03-20

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[21] **2,962,005**
[13] A1
[51] **Int.Cl. B60P 3/20 (2006.01) B62D 25/02 (2006.01) B62D 33/04 (2006.01) F24F 13/06 (2006.01) F25D 17/04 (2006.01)**
[25] EN
[54] **AIR RETURN BULKHEAD FOR USE IN CONNECTION WITH A REFRIGERATOR UNIT WITHIN A REFRIGERATION-TYPE CARGO TRAILER**
[54] **CLOISON DE RETOUR D'AIR DESTINEE A UNE UTILISATION EN LIEN AVEC UN MODULE DE REFRIGERATEUR DANS UNE REMORQUE DE MARCHANDISE DE TYPE REFRIGEREE**
[72] CLARK, TOBY W., US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[22] 2017-03-24
[41] 2017-10-01
[30] US (15/088,363) 2016-04-01

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[21] **2,962,243**
[13] A1
[51] **Int.Cl. H03G 3/20 (2006.01) H04J 3/02 (2006.01) A61B 5/01 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **UNCALIBRATED THERMOCOUPLE SYSTEM**
[54] **SYSTEME DE THERMOCOUPLE NON ETALONNE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] BAR-TAL, MEIR, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-27
[41] 2017-10-06
[30] US (15/091,860) 2016-04-06

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[21] **2,962,245**
[13] A1
[51] **Int.Cl. H03F 1/34 (2006.01) A61N 1/08 (2006.01) H03F 3/45 (2006.01) H03F 3/68 (2006.01)**
[25] EN
[54] **LINEAR ISOLATION AMPLIFIER WITH OUTPUT DC VOLTAGE CANCELLATION**
[54] **AMPLIFICATEUR D'ISOLATION LINEAIRE SANS ANNULATION DE TENSION CC DE SORTIE**
[72] LEVIN, MICHAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-27
[41] 2017-10-04
[30] US (15/089,703) 2016-04-04

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[21] **2,962,254**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
[54] **COMPOSITION ET TRAITEMENT D'ADN**
[54] **COMPOSITION AND METHOD FOR PROCESSING DNA**
[72] MCCLURE, REBECCA F., CA
[72] KIRWAN, TYLER P., CA
[71] MCCLURE, REBECCA F., CA
[71] KIRWAN, TYLER P., CA
[22] 2017-03-24
[41] 2017-10-07
[30] US (15/092,917) 2016-04-07

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[21] **2,962,280**
[13] A1
[51] **Int.Cl. B64C 1/26 (2006.01) B64C 3/38 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **AIRCRAFT WING SHIFT DEVICE**
[54] **DISPOSITIF DE DECALAGE D'AILE D'AERONEF**
[72] GAMBLE, DUSTIN ELI, US
[72] CURRAN, MATTHEW, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2017-03-27
[41] 2017-10-01
[30] US (15/088,615) 2016-04-01

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[21] **2,962,293**
[13] A1
[51] **Int.Cl. C10B 53/02 (2006.01) C10B 49/02 (2006.01)**
[25] EN
[54] **BIOCHAR KILN**
[54] **SECHOIR DE BIOCHARBON**
[72] OLANDER, MIKEL, US
[72] PIERCE, PERRY, II, US
[72] BEIERWALTES, WILLIAM T., US
[72] GASPARD, JAMES G., II, US
[71] BIOCHAR NOW, LLC, US
[22] 2017-03-29
[41] 2017-10-03
[30] US (62/317,573) 2016-04-03
[30] US (15/453,502) 2017-03-08

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[13] A1
[51] **Int.Cl. G08B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSIGNING A FIRE SYSTEM SAFETY SCORE AND FOR PREDICTIVE ANALYSIS VIA DATA MINING**
[54] **SYSTEMES ET METHODES D'ATTRIBUTION D'UN RESULTAT DE SECURITE INCENDIE ET D'ANALYSE PREDICTIVE AU MOYEN D'EXTRACTION DE DONNEES**
[72] GULAGULI, SHASHIKANT, US
[72] VENKATESH, BALAMURUGAN, US
[72] BALAKRISHNAN, MAHADEVAN SOMASUNDRAM, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-03-28
[41] 2017-10-06
[30] US (15/092,258) 2016-04-06

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **SELF-SUSPENDING PROPPANT FOR HYDRAULIC FRACTURING**
[54] **AGENT DE SOUTENEMENT AUTO-SUSPENDU DESTINE A LA FRACTURATION HYDRAULIQUE**
[72] MALEY, DARREN MICHAEL, CA
[72] MANIPON, MARK ERROL ABESAMIS, CA
[71] STEP ENERGY SERVICES LTD., CA
[22] 2017-03-27
[41] 2017-10-01
[30] US (62/317,331) 2016-04-01

[21] **2,962,387**
[13] A1
[51] **Int.Cl. F27B 17/00 (2006.01) F23B 20/00 (2006.01) F23G 5/40 (2006.01) F27B 1/10 (2006.01) F27D 1/00 (2006.01)**
[25] EN
[54] **PORTABLE BIOCHAR KILN**
[54] **SECHOIR DE BIOCHARBON PORTATIF**
[72] OLANDER, MIKEL, US
[72] PIERCE, PERRY, II, US
[72] BEIERWALTES, WILLIAM T., US
[72] GASPARD, JAMES G., II, US
[71] BIOCHAR NOW, LLC, US
[22] 2017-03-29
[41] 2017-10-03
[30] US (62/317,573) 2016-04-03
[30] US (15/453,601) 2017-03-08

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[13] A1
[51] **Int.Cl. B29C 41/08 (2006.01) B05D 1/12 (2006.01) B05D 1/38 (2006.01) B05D 3/00 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **DUAL LAYER FUSION BOND EPOXY COATING FOR CONTINUOUS SUCKER ROD**
[54] **REVETEMENT EPOXYDE A LIAISON DE FUSION DOUBLE COUCHE DESTINE A UNE TIGE DE POMPAGE EN CONTINU**
[72] FRASER, JAMES, CA
[72] DUNN, LONNIE JAMES, CA
[72] ADAM, KYLE EDWARD, CA
[72] SULTANIAN, ANGELA MARIE, CA
[72] GITERMAN, MICHAEL, CA
[72] FUNK, BRIAN, CA
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2017-03-28
[41] 2017-10-01
[30] US (15/088,880) 2016-04-01

[21] **2,962,560**
[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) A47C 31/10 (2006.01)**
[25] EN
[54] **COMMERCIAL AIRCRAFT INTERIOR MONUMENT PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE MONUMENT INTERIEUR D'AERONEF COMMERCIAL**
[72] ABELON, RYAN NELSON MARCELO, US
[72] HITCHCOCK, CORY M., US
[72] TRAN, TOAI DAC, US
[72] SMITH, THOMAS RALPH, JR., US
[72] SHAW, JON BURTON, US
[71] THE BOEING COMPANY, US
[22] 2017-03-29
[41] 2017-10-06
[30] US (15/092428) 2016-04-06

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[13] A1
[51] **Int.Cl. B22F 3/11 (2006.01) B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B22F 3/105 (2006.01) C04B 38/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **HIGH POROSITY MATERIAL AND METHOD OF MAKING THEREOF**
[54] **MATERIAU A POROSITE ELEVEE ET METHODE DE FABRICATION ASSOCIEE**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[72] ALBRECHT, RICHARD WILLIAM, JR., US
[72] ESTILL, ERIC ALAN, US
[72] FLYNN, PETER ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-30
[41] 2017-10-05
[30] US (15/091,339) 2016-04-05

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[13] A1
[51] **Int.Cl. B60P 3/079 (2006.01) B60P 3/075 (2006.01)**
[25] EN
[54] **AXLE STRAP WITH ATTACHABLE END PIECES**
[54] **SANGLE D'ESSIEU A PIECES D'EXTREMITE ATTACHABLES**
[72] CHRISTIANSEN, VON ROY, JR., US
[72] GATES, GARY D., US
[71] ARIENS COMPANY, US
[22] 2017-03-29
[41] 2017-10-04
[30] US (15/090,514) 2016-04-04

[21] **2,962,765**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 10/10 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR AUTONOMOUS MESSAGING INTEGRATION**
[54] **SYSTEME, APPAREIL ET MESSAGE D'INTEGRATION DE MESSAGERIE AUTONOME**
[72] ROBERTS, MICHAEL, CA
[72] NEWTON, LAURA, CA
[71] KIK INTERACTIVE INC., CA
[22] 2017-03-30
[41] 2017-10-04
[30] US (62/317821) 2016-04-04

[21] **2,962,794**
[13] A1
[51] **Int.Cl. C22B 3/08 (2006.01) C22B 7/00 (2006.01) H01M 8/18 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ELECTROLYTE FOR VANADIUM REDOX BATTERIES FROM OIL SANDS WASTE**
[54] **METHODE DE PRODUCTION D'ELECTROLYTE POUR DES BATTERIES REDOX AU VANADIUM A PARTIR DE DECHETS DE SABLES BITUMINEUX**
[72] KHAJE, KOUROSH, CA
[72] MKHANI, MARYAM, CA
[71] ENSCITECH CORP, CA
[22] 2017-03-31
[41] 2017-10-01
[30] US (62/316652) 2016-04-01

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[21] **2,962,836**
[13] A1
[51] **Int.Cl. H01H 13/83 (2006.01) H01H 9/18 (2006.01)**
[25] EN
[54] **KEYPAD WITH REPLACEABLE KEY LABELS**
[54] **CLAVIER DOTE D'ETIQUETTES DE TOUCHE REMPLACABLE**
[72] WAREHAM, PAUL C., CA
[72] NUTTER, SEAN, CA
[72] MANNING, WESLEY, CA
[72] COULSON, RICHARD R., CA
[71] DYNAGEN TECHNOLOGIES INCORPORATED, CA
[22] 2017-03-31
[41] 2017-10-06
[30] US (62/318900) 2016-04-06

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[13] A1
[51] **Int.Cl. E21B 33/134 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **SOLID-CORE FILAMENT-WOUND COMPOSITE MANDREL**
[54] **MANDRIN COMPOSITE A ENROULEMENT DE FILAMENT ET NOYAU SOLIDE**
[72] TSE, KYLE, US
[72] JARRETT, COLBY, US
[71] TSE, KYLE, US
[71] JARRETT, COLBY, US
[22] 2017-03-31
[41] 2017-10-01
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[21] **2,962,841**
[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR WINDOW COVERING**
[54] **SYSTEME ET DISPOSITIF DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, TW
[72] NIEN, KENG-HAO, TW
[71] NIEN MADE ENTERPRISE CO., LTD, TW
[22] 2017-03-30
[41] 2017-10-06
[30] US (62/318,771) 2016-04-06

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[21] **2,962,848**
[13] A1
[51] **Int.Cl. B62J 1/08 (2006.01) B62J 1/06 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONTROLLABLE SEAT POST**
[54] **MONTANT DE SIEGE COMMANDE ELECTRIQUEMENT**
[72] JHOU, SHU-YU, TW
[72] HSU, CHE-WEI, TW
[72] CHEN, I-TEH, TW
[71] GIANT MANUFACTURING CO., LTD., TW
[22] 2017-03-29
[41] 2017-10-01
[30] TW (105204620) 2016-04-01

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR WINDOW COVERING**
[54] **SYSTEME ET DISPOSITIF DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD, CN
[22] 2017-03-30
[41] 2017-10-06
[30] US (62/318,771) 2016-04-06

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[13] A1
[51] **Int.Cl. G06F 21/35 (2013.01) G06F 21/62 (2013.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR SECURE DATA STORAGE WITH WIRELESS AUTHENTICATION**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE STOCKAGE SECURISE DE DONNEES A AUTHENTIFICATION SANS FIL**
[72] FRUSINA, CRISTIAN, US
[71] GREEN TREE LABS INC., CA
[22] 2017-03-31
[41] 2017-10-01
[30] US (62316646) 2016-04-01

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[13] A1
[51] **Int.Cl. B61D 19/00 (2006.01) E05B 83/40 (2014.01) E05F 15/635 (2015.01) B60J 5/04 (2006.01) E05C 1/02 (2006.01)**
[25] EN
[54] **PLUG DOOR DEVICE**
[54] **DISPOSITIF DE PORTE AFFLEURANTE**
[72] YAMAGUCHI, ATSUHITO, JP
[71] NABTESCO CORPORATION, JP
[22] 2017-03-30
[41] 2017-10-01
[30] JP (2016-074588) 2016-04-01

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[13] A1
[51] **Int.Cl. A47F 3/04 (2006.01) F25D 17/06 (2006.01)**
[25] EN
[54] **HOLDER FOR A REFRIGERATED CASE**
[54] **SUPPORT DE CASIER REFRIGERE**
[72] SPARKS, ROBERT, US
[71] ZERO ZONE, INC., US
[22] 2017-03-30
[41] 2017-10-01
[30] US (15/088,875) 2016-04-01

[21] **2,962,885**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 23/14 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PARAMETER MEASUREMENT IN WELL**
[54] **SYSTEME ET METHODE DE MESURE DE PARAMETRE DANS UN PUITS**
[72] THORNBERRY, ANTHONY, US
[72] AINSLIE, JOHN, US
[72] COVINGTON, DAVID, US
[71] SERCEL-GRC CORP., US
[22] 2017-03-29
[41] 2017-10-04
[30] US (15/089,698) 2016-04-04

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[13] A1
[51] **Int.Cl. B61L 23/00 (2006.01) B61L 13/00 (2006.01) B61L 23/08 (2006.01)**
[25] FR
[54] **TRAFFIC MANAGEMENT PROCESS FOR A RAILWAY VEHICLE WITH LATERAL ANTICOLLISION PROTECTION**
[54] **PROCEDE DE GESTION DE CIRCULATION D'UN VEHICULE FERROVIAIRE AVEC PROTECTION ANTICOLLISION LATERALE**
[72] BALLESTEROS, JAVIER, FR
[72] DUBOULOZ, JEROME, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-03-29
[41] 2017-10-01
[30] FR (16 52 863) 2016-04-01

[21] **2,962,970**
[13] A1
[51] **Int.Cl. F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21V 21/30 (2006.01) F21V 31/00 (2006.01) F21V 1/00 (2006.01) F21V 5/00 (2015.01)**
[25] EN
[54] **LED LIGHTING FIXTURE HAVING A HEAT DISSIPATING FEATURE**
[54] **LUMINAIRE A DEL COMPORTANT UN DISPOSITIF DE DISSIPATION THERMIQUE**
[72] OUELLET, BERTRAND, CA
[72] TREMBLAY, NICOLE, CA
[71] OUELLET, BERTRAND, CA
[71] TREMBLAY, NICOLE, CA
[22] 2017-04-04
[41] 2017-10-05
[30] GB (1605831.5) 2016-04-05

[21] **2,962,971**
[13] A1
[51] **Int.Cl. F16B 2/18 (2006.01) B23Q 3/00 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **CLAMPING APPARATUS WITH CONTROL MECHANISM FOR SPRING-ACTUATED LEVER**
[54] **APPAREIL DE PINCEMENT DOTE D'UN MECANISME DE COMMANDE DE LEVIER ACTIONNE PAR UN RESSORT**
[72] BERNARDI, WALTER, US
[72] SCHADEGG, DANIEL, US
[71] ROBERT BOSCH TOOL CORPORATION, US
[71] ROBERT BOSCH GMBH, DE
[22] 2017-03-31
[41] 2017-10-01
[30] US (62/316,721) 2016-04-01

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[13] A1
[51] **Int.Cl. B60R 15/00 (2006.01) B60P 3/36 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **IMPROVED DRAIN SPOUT FOR SANITARY TRAILERS**
[54] **BEC DE DRAIN AMELIORE DESTINE A DES REMORQUES SANITAIRES**
[72] CAIRD, SCOTT J., US
[72] JOHNSON, AARON R., US
[72] NISTLER, ADRIAN J., US
[72] PICKARSKI, GERALD M., US
[72] POEPKE, JEREMIAH J., US
[72] SCHAEFER, DEREK J., US
[72] WEIS, PETER M., US
[72] WIMMER, RICHARD J., US
[71] POLAR TANK TRAILER, LLC, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (15/089,641) 2016-04-04

[21] **2,962,974**
[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 8/20 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONNECTING TO A WIRELESS NETWORK**
[54] **METHODES ET SYSTEMES DE CONNEXION A UN RESEAU SANS FIL**
[72] LEE, YIU LEUNG, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-03-31
[41] 2017-10-01
[30] US (15/088,749) 2016-04-01

[21] **2,962,980**
[13] A1
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINT**
[54] **DISPOSITIF DE LIMITATION DE VEHICULE**
[72] KOSEK, STEPHEN, US
[72] STORY, MICHAEL, US
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[22] 2017-04-03
[41] 2017-10-04
[30] US (UNKNOWN) 2016-04-04
[30] US (15/466,006) 2017-03-22

[21] **2,962,981**
[13] A1
[51] **Int.Cl. F16C 33/04 (2006.01) B64C 25/00 (2006.01) F16C 33/20 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] FOSTER, NICHOLAS, GB
[72] EVANS, SAM, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-03-30
[41] 2017-10-06
[30] EP (16164068.5) 2016-04-06

[21] **2,962,987**
[13] A1
[51] **Int.Cl. E04H 4/08 (2006.01) A61H 33/00 (2006.01) E04H 4/06 (2006.01)**
[25] EN
[54] **MOVEMENT ASSISTANCE DEVICE FOR A SPA COVER**
[54] **DISPOSITIF D'AIDE AU MOUVEMENT DESTINE A UN COUVERCLE DE SPA**
[72] GENOVA, MICHAEL C., US
[71] LEISURE CONCEPTS, INC., US
[22] 2017-03-30
[41] 2017-10-05
[30] US (15/090,808) 2016-04-05

[21] **2,962,994**
[13] A1
[51] **Int.Cl. G06F 19/12 (2011.01) G06F 19/10 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SCREENING OF LARGE-SCALE GENETIC INTERACTION NETWORKS**
[54] **DEPISTAGE DE RESEAUX D'INTERACTION GENETIQUE A GRANDE ECHELLE**
[72] DESHPANDE, RAAMESH, US
[72] NELSON, JUSTIN L., US
[72] MYERS, CHAD L., US
[72] SIMPKINS, SCOTT, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[22] 2017-03-31
[41] 2017-10-01
[30] US (62/317038) 2016-04-01

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 24/06 (2006.01)**
[25] EN
[54] **DEVICE FOR MIXING AND STORING POLYMETHYL METHACRYLATE BONE CEMENT WITH PRESSURE PUMP AND AMPOULE BREAKER**
[54] **DISPOSITIF DE MELANGE ET D'ENTREPOSAGE DE CIMENT ORTHOPEDIQUE POLYMETHYLE METHYLACRYLATE DOTE D'UNE POMPE DE PRESSION ET D'UN BRISE-AMPOULE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2017-03-31
[41] 2017-10-06
[30] DE (10 2016 106 261.8) 2016-04-06

[21] **2,963,049**
[13] A1
[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE**
[54] **BARDEAU DE TOITURE**
[72] JENKINS, ROBERT L., US
[72] NASH, ALEX C., US
[72] JACOBS, GREGORY F., US
[71] CERTAINTEED CORPORATION, US
[22] 2017-03-31
[41] 2017-10-01
[30] US (62/317,065) 2016-04-01

[21] **2,963,099**
[13] A1
[51] **Int.Cl. H01M 10/6563 (2014.01) H01M 10/0525 (2010.01) H01M 2/02 (2006.01)**
[25] EN
[54] **ENERGY SOURCE ENCLOSURE SYSTEMS AND METHODS WITH THROUGH-AIR THERMAL MANAGEMENT**
[54] **SYSTEMES D'ENCEINTE DE SOURCE D'ENERGIE ET METHODES ASSOCIES A LA GESTION THERMIQUE DE L'AIR TRAVERSANT**
[72] CRAGNOTTI, JOE, US
[72] HILLIGOSS, LAWRENCE O., US
[72] STOERMER, GREG, US
[71] THE RAYMOMD CORPORATION, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (62/317,812) 2016-04-04

[21] **2,963,101**
[13] A1
[51] **Int.Cl. C25D 17/00 (2006.01) C25D 5/00 (2006.01)**
[25] EN
[54] **PORTABLE AND MODULAR PRODUCTION ELECTROPLATING SYSTEM**
[54] **SYSTEME D'ELECTROPLACAGE DE PRODUCTION MODULAIRE ET PORTATIF**
[72] TABOR, KRAIG A., US
[72] KASSOUF, THOMAS L., US
[72] GUEDES, RICARDO M., US
[72] FORMELLA, GREG P., US
[72] BIRSCHBACH, ALAN J., US
[72] EISCH, PETER W., US
[72] DILLON, GARRY L., US
[72] KASCHAK, CHAD J., US
[72] GENTILE, MICHAEL G., US
[71] SNAP-ON INCORPORATED, US
[22] 2017-04-03
[41] 2017-10-05
[30] US (62/318,391) 2016-04-05
[30] US (62/331,709) 2016-05-04
[30] US (15/472,606) 2017-03-29

[21] **2,963,103**
[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01) F24F 7/06 (2006.01)**
[25] EN
[54] **VERTICAL EXTRACTOR HOOD FOR A KITCHEN**
[54] **HOTTE DE CUISINE A EXTRACTEUR VERTICAL**
[72] BIOCCO, SIMONE, IT
[72] CELLI, SIMONE, IT
[72] FAGINOLI, FRANCESCO, IT
[72] ROMANI, FABIO, IT
[71] FABER S.P.A., IT
[22] 2017-04-03
[41] 2017-10-07
[30] IT (202016000035720) 2016-04-07

[21] **2,963,104**
[13] A1
[51] **Int.Cl. G09B 9/042 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VEHICLE SIMULATION**
[54] **SYSTEME ET METHODE DE DETERMINATION DE SIMULATION DE VEHICULE**
[72] WEISS, JOSEPH, US
[72] BENTLEY, STEPHEN, US
[72] GONCALVES, FERNANDO, US
[72] MEDWIN, STEVEN, US
[72] VANDERPOOL, JOSH, US
[71] THE RAYMOND CORPORATION, US
[22] 2017-04-03
[41] 2017-10-04
[30] US (62/317,755) 2016-04-04
[30] US (15/476,039) 2017-03-31

[21] **2,963,105**
[13] A1
[51] **Int.Cl. H04M 3/493 (2006.01)**
[25] EN
[54] **INTERACTIVE VOICE RESPONSE SYSTEM CRAWLER**
[54] **MESSAGE DEFILANT DE SYSTEME DE REPONSE VOCAL INTERACTIF**
[72] KULKARNI, ALOK, AU
[72] WILLSHIRE, GEOFF, AU
[72] NG, IAN, US
[71] CYARA SOLUTIONS PTY LTD., AU
[22] 2017-04-04
[41] 2017-10-05
[30] US (15/091,556) 2016-04-05

[21] **2,963,106**
[13] A1
[51] **Int.Cl. B01J 37/02 (2006.01) H01M 8/1004 (2016.01) B01J 37/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PREPARING A CATALYST COATED MEMBRANE**
[54] **METHODE ET DISPOSITIF DE PREPARATION D'UNE MEMBRANE REVETUE D'UN CATALYSEUR**
[72] LEERATANAPHANIT, SARAYUT, DE
[72] NOLLMANN, BERND, DE
[71] GREENERITY GMBH, DE
[22] 2017-04-03
[41] 2017-10-06
[30] EP (16163977.8) 2016-04-06

[21] **2,963,107**
[13] A1
[51] **Int.Cl. H04H 60/02 (2009.01) H04J 99/00 (2009.01) H03M 13/27 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR GENERATING BROADCAST SIGNAL FRAME FOR SIGNALING TIME INTERLEAVING MODE AND METHOD USING THE SAME**
[54] **APPAREIL DE GENERATION D'UNE TRAME DE SIGNAUX DE DIFFUSION SERVANT A SIGNALER UN MODE D'ENTRELACEMENT TEMPOREL ET METHODE EMPLOYANT LEDIT APPAREIL**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] LIM, BO-MI, KR
[72] KIN, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
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[54] **SYSTEME D'ALIMENTATION POUR ANIMAL DE COMPAGNIE**
[72] MACNEIL, DAVID F., US
[72] MASANEK, FREDERICK W., JR., US
[71] MACNEIL IP LLC, US
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[25] EN
[54] **CURTAIN WALL SYSTEM, CORNER BRACKET FOR CURTAIN WALL SYSTEM, AND ASSOCIATED METHOD**
[54] **SYSTEME DE RIDEAU MURAL, SUPPORT DE COIN DESTINE A UN SYSTEME DE RIDEAU MURAL ET METHODE ASSOCIEE**
[72] LOYD, STEPHEN C., US
[71] STEPHEN N. LOYD IRREVOCABLE FAMILY TRUST, US
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[54] **OPTICAL ASSEMBLY AND METHOD FOR COUPLING A WAVEGUIDE ARRAY TO A PHOTONIC-INTEGRATED CIRCUIT**
[54] **DISPOSITIF OPTIQUE ET METHODE DE COUPLAGE D'UN RESEAU DE GUIDE D'ONDE A UN CIRCUIT INTEGRE PHOTONIQUE**
[72] COTE, PATRICE, CA
[72] PARADIS, PATRICK, CA
[72] LEVESQUE, MARC, CA
[72] REGNIER, JACQUES, CA
[72] PAQUET, ALEX, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **SYSTEMS AND METHODS FOR TRACKING UNAUTHORIZED INTRUDERS USING DRONES INTEGRATED WITH A SECURITY SYSTEM**
[54] **SYSTEMES ET METHODES DE SUIVI D'INTRUS NON AUTORISES AU MOYEN DE DRONES INTEGRES A UN SYSTEME DE SECURITE**
[72] ASWATH, RAVIKUMAR VEMAGAL, US
[72] PRASAD, SHANKAR, US
[72] KALKERE, GIRIDHARA, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **SPIKE ATTACHMENT FOR STEAM WEED KILLING APPARATUS**
[54] **FIXATION DE CRAMPON DESTINEE A UN APPAREIL D'ELIMINATION DE MAUVAISE HERBE AU MOYEN DE VAPEUR**
[72] ROCHA, JUAN, US
[72] SEATON, ROBERT, US
[71] DYNAMIC SOLUTIONS WORLDWIDE, LLC, US
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[54] **CONTROLLING ACCESS TO APPLICATION DATA**
[54] **CONTROLE D'ACCES AUX DONNEES D'APPLICATION**
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[72] SOMANI, HANIFF, US
[72] BARKER, PETER, US
[72] HAWKINS, SIAVASH JAMES JOORABCHIAN, GB
[72] MAURYA, SANJIV, US
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
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[54] **SUB-ASSEMBLY FOR SEARCHLIGHT SIGNAL, AND ASSOCIATED ASSEMBLY**
[54] **SOUS-MODULE DE SIGNAL DE LAMPE DE RECHERCHE, ET MODULE ASSOCIE**
[72] FRIES, JEFFREY, US
[72] TIEMANN, BRIAN, US
[72] CRAWFORD, CHARLES, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **LIGHT PIPE FOR SPECTROSCOPY**
[54] **TUYAU LUMINEUX DESTINE A LA SPECTROSCOPIE**
[72] HRUSKA, CURTIS R., US
[72] ZOU, PENG, US
[72] CATCHING, BENJAMIN F., US
[72] VON GUNTEN, MARC K., US
[72] SMITH, VALTON, US
[71] VIAVI SOLUTIONS INC., US
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[54] **PLASTICATING APPARATUS SCREW HAVING GROOVES OF VARYING ANGLES AND DEPTHS**
[54] **VIS D'APPAREIL DE PLASTIFICATION COMPORTANT DES RAINURES D'ANGLES ET DE PROFONDEURS DIFFERENTS**
[72] CHRISTIANO, JOHN P., US
[71] DAVIS-STANDARD, LLC, US
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[54] **METHODE D'EXPLOITATION D'UNE INSTALLATION DE LIQUEFACTION DE GAZ NATUREL**
[72] CHEN, FEI, US
[72] JOHNSTON, BRIAN KEITH, US
[72] ROBERTS, MARK JULIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **SAFETY LANDING**
[54] **ATTERRISSAGE DE SECURITE**
[72] VETER, PAUL EDWARD, CA
[71] ACCESS INDUSTRIAL INC., CA
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[54] **SYSTEMS AND METHODS FOR PROVIDING UAV-BASED DIGITAL ESCORT DRONES IN VISITOR MANAGEMENT AND INTEGRATED ACCESS CONTROL SYSTEMS**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES DRONES D'ACCOMPAGNEMENT NUMERIQUES FONDES SUR UN AERONEF SANS PILOTE POUR LA GESTION DE VISITEUR ET SYSTEMES DE CONTROLE D'ACCES INTEGRES**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **APPAREIL DE TRANSPORT ET DISTRIBUTION DE FLUIDE**
[72] WRUCK, ABE, US
[72] KELLEN, JEREMY, US
[72] HENNEN, MIKE, US
[71] WESTMOR INDUSTRIES, LLC, US
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[54] **RECONSTRUCTION D'ACTIVITE UTILISATEUR DE JEU DE TRUCAGE**
[72] FRANZINI, SIMONE, US
[72] RITTLE, LOREN J., US
[72] KUHLMAN, DOUGLAS A., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **PRECIPITATION HARDENED MARTENSITIC STAINLESS STEEL AND RECIPROCATING PUMP MANUFACTURED THEREWITH**
[54] **ACIER INOXYDABLE MARTENSITIQUE DURCI PAR PRECIPITATION ET POMPE ALTERNATIVE FAITE DUDIT ACIER**
[72] UNDERYS, ALGIRDAS, US
[72] ADAMSON, JESSE, US
[72] SHIRLEY, MARK, US
[71] A. FINKL & SONS CO., US
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[54] **SYSTEME DE RECONNAISSANCE DE CONTENU ET ACTION DE REPONSE**
[72] BLAKELY, JOHN, US
[72] CARROLL, JON, US
[72] EARWOOD, COREY, US
[72] DORRIS, BRANDON, US
[72] WILLIAMS, ADAM, US
[72] RHODES, DAVID, US
[71] SPHERO, INC., US
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[54] **SYSTEME DE DIGESTEUR ANAEROBIQUE AUTONETTOYANT**
[72] DEWAARD, DAVID, US
[71] DARITECH, INC., US
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[54] **SHOPPING CART CORRAL SYSTEM AND ASSOCIATED SYSTEMS AND METHODS**
[54] **SYSTEME DE FUSION DE PANIER D'ACHAT ET SYSTEMES ET METHODES ASSOCIES**
[72] JONES, NICHOLAUS ADAM, US
[72] TAYLOR, ROBERT JAMES, US
[72] VASGAARD, AARON, US
[72] JONES, MATTHEW ALLEN, US
[71] WAL-MART STORES, INC., US
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[54] **RESEAU D'ANTENNES A CAPTAGE CAPACITIF**
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
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[54] **SAFETY FACEPLATE FOR ELECTRICAL RECEPTACLE**
[54] **PLAQUE DE SECURITE DESTINEE A UNE PRISE DE COURANT**
[72] MONZAVIYAN, SAMEEM, CA
[71] CANMIND INNOVATIONS INC., CA
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[54] **BACK END STOCKING SHELVING**
[54] **ETALAGE D'ENTREPOSAGE ABOUTANT**
[72] TIRMANDAS, AKHILESH, US
[72] BELLAR, JASON D., US
[71] WAL-MART STORES, INC., US
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[54] **ADJUSTABLE HANGING ELEMENT FOR SUSPENDED LIGHT FIXTURES**
[54] **ELEMENT SUSPENDU AJUSTABLE DESTINE AUX LUMINAIRES SUSPENDUS**
[72] XIANG, JUN, US
[72] ORTEGA, BRYAN, US
[71] MAXLITE, INC., US
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[54] **WASTE PROCESSING MACHINE FEED ASSIST SYSTEM**
[54] **SYSTEME D'ASSISTANCE A L'ALIMENTATION D'UNE MACHINE DE TRAITEMENT DES DECHETS**
[72] WALCUTT, TIMOTHY RYAN, US
[72] STICKLER, THOMAS ARTHUR, US
[71] BANDIT INDUSTRIES, INC., US
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[54] **WASTE PROCESSING MACHINE WINCH DOCKING SAFETY SYSTEM**
[54] **SYSTEME D'ANCRAGE SECURITAIRE DE TREUIL DE MACHINE DE TRAITEMENT DES DECHETS**
[72] WALCUTT, TIMOTHY RYAN, US
[72] STICKLER, THOMAS ARTHUR, US
[71] BANDIT INDUSTRIES, INC., US
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[54] **IMPROVED FAN FOR SMOKE AND VAPOUR EXTRACTION SYSTEM, IN PARTICULAR FOR KITCHENS AND EXTRACTION SYSTEM INCORPORATING SUCH A FAN**
[54] **VENTILATEUR AMELIORE DESTINE A UN SYSTEME D'EXTRACTION DE FUMEE ET DE VAPEUR, NOTAMMENT DANS LES CUISINES ET SYSTEME D'EXTRACTION INCORPORANT UN TEL VENTILATEUR**
[72] ASTOLFI, ILARIA, ZZ
[72] BIOCCO, SIMONE, IT
[72] CELLI, SIMONE, IT
[72] FAGINOLI, FRANCESCO, IT
[72] GALASSI, RAFFAELE, ZZ
[71] FABER S.P.A., IT
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[72] HARDIN, JAMES R., US
[71] HARDIN, JAMES R., US
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[54] **CHARIOT DE TRANSPORT DESTINE A UN SKI DE MOTONEIGE**
[72] CRYNICK, TIMOTHY J., US
[71] CRYNICK, TIMOTHY J., US
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[54] **BOUTONS, PERLES ET PINCES AMOVIBLES PORTANT DES INDICES EN BRAILLE POUR TISSU**
[72] JOVANOVIC, ALEXA ROMA, CA
[71] JOVANOVIC, ALEXA ROMA, CA
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[54] **APPAREIL D'INTERRUPTEUR A FLOTTEUR POUR INTERRUPTEUR MULTIPLE COMPORTANT UN RACCORD MAGNETIQUE**
[72] NOEL, RAYMOND, CA
[71] NOEL, RAYMOND, CA
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[54] **EMETTEUR-RECEPTEUR PORTATIF VOIX-TEXTE-VIDEO CENTRALISE ET A FILE D'ATTENTE EMPLOYANT DES DISPOSITIFS INTELIGENTS**
[72] AKEL, HATEM, CA
[72] HOUSSARI, ADEL, CA
[71] AKEL, HATEM, CA
[71] HOUSSARI, ADEL, CA
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[54] **SWITCHGEAR EXHAUST ASSEMBLY**
[54] **MECANISME D'ECHAPPEMENT D'APPAREILLAGE DE CONNEXION**
[72] BOILY, HUGO, CA
[71] AUTOMATISATION GRIMARD INC., CA
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[54] **METHODE DE CALCUL DE SYSTEME D'EXPLOITATION DESTINEE A L'EXPLOITATION MINIERE**
[72] CUSITAR, WAYNE S., CA
[71] CUSITAR, WAYNE S., CA
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[54] **SYSTEMS AND METHODS FOR EMULATING RESOURCES USING ABSTRACT CONTAINERIZATION WITH ABSTRACT CATEGORIZATION AND POLICY SETTING**
[54] **SYSTEMES ET METHODES D'EMULATION DE RESSOURCES AU MOYEN DE CONTENEURISATION ABSTRAITE A CATEGORISATION ABSTRAITE ET ETABLISSEMENT DE POLITIQUE**
[72] BOOKMAN, PETER G., US
[72] COWEN, BRANDON, CA
[72] MORELLI, GIOVANNI, CA
[71] SPHERE 3D INC., CA
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[71] MELANSON, DONALD, CA
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[54] **COMPOSE D'ETANCHEISATION LIQUIDE ET UTILISATION DUDIT COMPOSE DANS LES INTERVENTIONS ENDODONTIQUES**
[72] YARED, GHASSAN, CA
[72] DE-DEUS, GUSTAVO, BR
[71] YARED, GHASSAN, CA
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[54] **CONNECTEUR DE LIAISON A ENCOCHES EN FORME DE GOUTTE ET A ENCOCHES DECALEES**
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[72] OELLERICH, PAUL HOWARD, US
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[54] **REFORMEUR POUR PRODUIRE UN GAZ DE SYNTHESE**
[72] SINGH, D. PAUL, CA
[72] ALIZADEH, ALI, CA
[71] EAJV TECHNOLOGY INC., CA
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[54] **TRAVEL VEHICLE AND METHOD FOR CONTROLLING TRAVEL VEHICLE**
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[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **UTILISATION D'ANTAGONISTES D'IL-17 POUR INHIBER LA PROGRESSION D'UNE LESION STRUCTURELLE CHEZ DES PATIENTS ATTEINTS D'UNE POLYARTHRITE PSORIASIQUE**
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[72] RICHARDS, HANNO, CH
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[71] NOVARTIS AG, CH
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[54] **2-AZABICYCLES SUBSTITUES ET LEUR UTILISATION COMME MODULATEURS DE RECEPTEURS DE L'OREXINE**
[72] LEBOLD, TERRY P., US
[72] DVORAK, CURT A., US
[72] COATE, HEATHER R., US
[72] ZIFF, JEANNIE M., US
[72] PREVILLE, CATHY, US
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[54] **METHODS FOR SYNTHESIS OF GRAPHENE DERIVATIVES AND FUNCTIONAL MATERIALS FROM ASPHALTENES, GRAPHENE DERIVATIVES, 2D MATERIALS AND APPLICATIONS OF USE**
[54] **PROCEDES POUR LA SYNTHESE DE DERIVES DE GRAPHENE ET DE MATERIAUX FONCTIONNELS A PARTIR D'ASPHALTENES, DERIVES DE GRAPHENE, MATERIAUX 2D ET APPLICATIONS D'UTILISATION**
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[54] **METHODES DE TRAITEMENT DE MALADIE AUTO-IMMUNE A L'AIDE D'UN ANTICORPS A DOMAINE DIRIGE CONTRE CD40L**
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[72] SHAH, VAISHALI, US
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[54] **EVALUATIONS DE RISQUE CARDIOVASCULAIRE A L'AIDE D'UN PARAMETRE DE RISQUE QUI COMPORTE UN PARAMETRE D'INTERACTION DE HDL ET D'UN MARQUEUR BIOLOGIQUE INFLAMMATOIRE**
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[72] PETERS, MALTE, DE
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[54] **PLATE-FORME DE CRIBLAGE DE PEPTIDE MUTANT IMMUNOGENE**
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[72] LUPARDUS, PATRICK, US
[72] MELLMAN, IRA, US
[72] YADAV, MAHESH, US
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[54] **SYSTEME ET PROCEDE DE MESURE DE LA DENSITE**
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[71] INDUSTRIAL TOMOGRAPHY SYSTEMS PLC, GB
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[54] **COMPOSE POLYOL SOUFRE**
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[72] RIBEZZO, MARCO, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[54] **SULPHUR-CONTAINING AROMATIC POLYOL COMPOUND**
[54] **COMPOSE POLYOL AROMATIQUE SOUFRE**
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[72] RIBEZZO, MARCO, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **PROCEDES POUR OBTENIR DES VIROSOMES AVEC ADJUVANT ET VIROSOMES AVEC ADJUVANT POUVANT ETRE AINSI OBTENUS**
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[54] **MODULATEURS DE P2X7**
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[54] **COMPOSES ET COMPOSITIONS A TITRE D'INHIBITEURS DE KINASE RAF**
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[72] RAMURTHY, SAVITHRI, US
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[54] **COMBINAISON D'UN ACIDE GRAS OMEGA-3 ET D'UN INHIBITEUR DE SGLT -2 POUR LE TRAITEMENT DE MALADIES DU FOIE**
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[71] ASTRAZENECA AB, SE
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[72] KUMAR, AJAY, IN
[72] MANDA, SUDHAKAR, IN
[72] JOSHI, PRASHANT, IN
[72] BHARATE, SONALI, IN
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[54] **REGIMES POSOLOGIQUES SPECIFIQUES AU GENOTYPE VAL66MET (SNP RS6265) ET METHODES POUR LE TRAITEMENT DE LA DEPRESSION**
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[72] SALVADORE, GIACOMO, US
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[54] **PROLONGATION DE LA LONGEVITE INDUITE PAR DES INJECTIONS REPETEES DE TOXINE BOTULINIQUE (EFFET CENTURION)**
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[72] WANG, KUAN-HSUN, TW
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[54] **UTILISATION DE REVETEMENTS A BASE DE DISPERSIONS AQUEUSES DE POLYMERE A STRUCTURE COEUR/ECORCE POUR LE CAPTAGE DE COMPOSES ORGANIQUES VOLATILS COMME LES ALDEHYDES**
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[72] ROIDOT, CHANTAL, FR
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[72] RADICH, ROSEMARY YEILDING, US
[71] LOCATOR IP, L.P., US
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[54] **PROCEDE DE PRODUCTION DE MATERIAU A RESEAUX POLYMERES INTERPENETRES, PRODUIT ASSOCIE ET UTILISATION DUDIT PRODUIT**
[72] CARCELLER, ROSA, FI
[72] LUNDIN, TOM, FI
[72] HIETANIEMI, MATTI, FI
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[54] **PROCEDE DE FABRICATION D'UNE PREFORME FIBREUSE CHARGEE DE PARTICULES CERAMIQUES REFRACTAIRES**
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[72] LIAIS, LUDOVIC, FR
[72] PODGORSKI, MICHAEL, FR
[72] BILLOTTE CABRE, CATHERINE, CA
[72] RUIZ, EDU, CA
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[54] **CATALYSEURS POUR AUTOMOBILE AVEC DU PALLADIUM SOUTENU DANS UNE COUCHE SANS ALUMINE**
[72] KARPOV, ANDREY, DE
[72] DEEBA, MICHEL, US
[72] TITLBACH, SVEN, DE
[72] SUNDERMANN, ANDREAS, DE
[72] SCHUNK, STEPHAN ANDREAS, DE
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[54] **SAC D'AFFICHAGE A USAGE UNIQUE**
[72] SINGLES, MICHAEL, US
[72] SAVAGE, JUSTIN, US
[71] KELLOGG COMPANY, US
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[72] MONTERO HERRERO, ISABEL, ES
[72] AGUILERA MAESTRO, LYDYA SABINA, ES
[72] RABOSO GARCIA-BAQUERO, DAVID, ES
[72] WOCHNER, ULRICH, DE
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
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[72] FEYS, JONAS GUIDO, BE
[72] LOMBAERT, POL, BE
[72] BEVERNAGE, LEO MARIE RICHARD, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
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[54] **ADSORBANTS REGENERABLES A BASE D'AMINES MODIFIEES SUR DES SUPPORTS SOLIDES**
[72] GOEPPERT, ALAIN, US
[72] ZHANG, HANG, US
[72] PRAKASH, G.K. SURYA, US
[72] OLAH, GEORGE A. (DECEASED), US
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[72] GEISER, VALERIE, CH
[71] NESTEC S.A., CH
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[54] **ADAPTATEUR POUR MONTER UN MODULE DE PROTECTION A LA TERRE**
[72] DURAN, CHRISTIAN SHANE, US
[72] KEENUM, JOHN AUSTIN, US
[72] TENHOLDER, RODGER ALAN, US
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[72] LEWELLEN, KEVIN M., US
[71] NOVARTIS AG, CH
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[72] SMITH, EUGENE TIRRELL, US
[71] SONOCO DEVELOPMENT, INC., US
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[54] **CARTON RESISTANT A L'HUILE, AUX GRAISSES ET A L'HUMIDITE**
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[72] GANDIA, NATASHA, US
[72] GIUSTE, SERGIO A., US
[71] WESTROCK MWV, LLC, US
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[54] **VALVE PROTHETIQUE AVEC CADRES COULISSANT AXIALEMENT**
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[71] MITRALTECH LTD., IL
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[54] **LIANT FONCTIONNEL DE DIMENSION NANOMETRIQUE**
[72] GRAMICCIONI, GARY A., US
[72] MOHANAN, JAYA L., US
[72] HOCHMUTH, JOHN K., US
[72] BROWN, KENNETH R., US
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[54] **BOL IMMOBILE DESTINE A UN ANIMAL DE COMPAGNIE ET METHODE DE FABRICATION ASSOCIEE**
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[54] **CULOTTE ABSORBANTE AVEC STRUCTURE CENTRALE ABSORBANTE A CANAUX AVANTAGEUX ET ELEMENTS DE REDUCTION DE GONFLEMENT**
[72] NISHIKAWA, MASAHARU, US
[72] LAVON, GARY DEAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COLLECTE INTEGREE DE DECHETS INFECTIEUX ET ELIMINATION DE CEUX-CI**
[72] MILLER, LANDON C.G., US
[72] BEHRENS, SCOTT, US
[71] AEMERGE LLC, US
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[72] STEIN, ADAM, US
[71] WASHING SYSTEMS, LLC, US
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[54] **ENDOPROTHESE TISSULAIRE ET PROCEDE POUR SA REALISATION**
[72] CAPEL, ANTOINE, FR
[72] DUCROS, CLEMENT, FR
[72] POULETTY, PHILIPPE, FR
[72] CADUDAL, JEAN-CLAUDE, FR
[71] CARMAT, FR
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[54] **COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE ET PROCEDES ASSOCIES**
[72] PISKLAK, THOMAS, US
[72] AGAPIOU, KYRIACOS, US
[72] MORGAN, RONNIE GLEN, US
[72] LEWIS, SAMUEL JASON, US
[72] BROTHERS, LANCE E., US
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[54] **DISPOSITIF ET PROCEDE DE NETTOYAGE POUR RACCORD DE TRANSFERT DE FLUIDE**
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[72] INGRAM, AARON N., US
[71] NEOMED, INC., US
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[54] **MATRICES TISSULAIRES A POROSITE CONTROLEE OU AYANT DES PROPRIETES MECANIQUES CONTROLEES**
[72] JESSOP, ISRAEL, US
[72] SHAH, MRINAL, US
[72] LEAMY, PATRICK, US
[71] LIFECELL CORPORATION, US
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[54] **PROCEDES DE REDUCTION DE LA TENEUR EN GEL DES POLYOLEFINES**
[72] ABE, DAUDI A., US
[72] LOCKLEAR, BRANDON C., US
[72] CHU, YUET MENG, US
[72] VEARIEL, T.R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[72] LEUNG, CHUN MAN ALAN, US
[72] BERTRAND, WILLIAM JEFFREY, US
[72] AMERY, DREW POWELL, US
[72] SPECKMAN, LORI C., US
[72] SIEROCUK, THOMAS J., US
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[54] **N□UD DE RESEAU, DISPOSITIF SANS FIL ET PROCEDES CORRESPONDANTS POUR GERER DES INFORMATIONS DE RETROACTION DE DEMANDE AUTOMATIQUE DE REPETITION (ARQ)**
[72] BERGSTROM, ANDREAS, SE
[72] FURUSKOG, JOHAN, SE
[72] ANDERSSON, HAKAN, SE
[72] ZHANG, QIANG, SE
[72] WIBERG, NICLAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **MATTRESS MANUFACTURING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE MATELAS**
[72] SUBHEDAR, VINIT V., US
[72] FOWLER, GREGORY, US
[72] JAN, FRANCIS, US
[71] DREAMWELL, LTD., US
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[54] **ROUTEUR LOGIQUE COMPRENANT DE MULTIPLES COMPOSANTS DE ROUTAGE**
[72] ZHANG, RONGHUA, US
[72] CHANDRASHEKHAR, GANESAN, US
[72] RAVINOOTHALA, SREERAM, US
[72] FAN, KAI-WEI, US
[71] NICIRA, INC., US
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[54] **MAP-LIKE SUMMARY VISUALIZATION OF STREET-LEVEL DISTANCE DATA AND PANORAMA DATA**
[54] **VISUALISATION SEMBLABLE A UNE CARTE DE RESUME DE DONNEES DE DISTANCE AU NIVEAU DES RUES ET DE DONNEES DE PANORAMA**
[72] PYLVAENAEINEN, TIMO, US
[72] KORAH, THOMMEN, US
[72] BERCLAZ, JEROME, US
[72] NAM, MYRA, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **FUT POUR BOISSONS CONTENANT DU CO2 ET UTILISATION DUDIT FUT**
[72] STANDAERT, GEERT NORBERT R., BE
[72] VANDEBRIEL, IMAR, BE
[71] CARDIFF GROUP, NAAMLOZE VENNOOTSCHAP, BE
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[54] **ENSEMBLE FILTRE COMPRENANT UN CAPUCHON D'ECOULEMENT**
[72] MORRIS, BRYANT ALAN, US
[72] RIES, JEFFREY R., US
[72] MOREHOUSE III, DARRELL L., US
[72] SUTTON, BRIAN J., US
[71] CATERPILLAR INC., US
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[54] **NOZZLE FOR SEALANT APPLICATOR HAVING APPLICATION ENHANCING FORMATION**
[54] **BUSE POUR APPLICATEUR DE PRODUIT D'ETANCHEITE AYANT UNE FORMATION AMELIORANT L'APPLICATION**
[72] ULLETT, JAMES M., US
[71] UNITED STATES GYPSUM COMPANY, US
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[51] **Int.Cl. H04W 28/08 (2009.01) H04W 52/50 (2009.01)**
[25] EN
[54] **CARRIER AGGREGATION METHOD PERFORMED BY TERMINAL IN WIRELESS COMMUNICATION SYSTEM AND TERMINAL USING SAME METHOD**
[54] **PROCEDE D'AGREGATION DE PORTEUSE MIS EN □UVRE PAR UN TERMINAL DANS UN SYSTEME DE COMMUNICATION SANS FIL ET TERMINAL UTILISANT CE PROCEDE**
[72] LEE, SEUNGMIN, KR
[72] YANG, SUCKCHEL, KR
[72] HWANG, DAESUNG, KR
[72] KIM, SEONWOOK, KR
[71] LG ELECTRONICS INC., KR
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[54] **FLOW CAP AND METHOD FOR DIRECTING A FLUID THROUGH A FILTER**
[54] **BOUCHON DE COUPURE DE FLUX ET PROCEDE POUR L'ENVOI D'UN FLUIDE DANS UN FILTRE**
[72] MORRIS, BRYANT ALAN, US
[72] RIES, JEFFREY R., US
[72] MOREHOUSE III, DARRELL L., US
[72] SUTTON, BRIAN J., US
[71] CATERPILLAR INC., US
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[54] **TEMPERATURE CONTROL FOR POLYMERIZING PARTICULATE POLYOLEFIN**
[54] **REGULATION DE TEMPERATURE POUR LA POLYMERISATION DE POLYOLEFINE PARTICULAIRE**
[72] HOTTOVY, JOHN D., US
[72] HENDRICKSON, GREGORY G., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[25] EN
[54] **INTERNALLY ADJUSTABLE SPRAY ANGLE ROTARY NOZZLE**
[54] **BUSE ROTATIVE A ANGLE DE PULVERISATION AJUSTABLE DE L'INTERIEUR**
[72] ANDERSEN, COLTON, US
[72] WRIGHT, DOUGLAS E., US
[71] STONEAGE, INC., US
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[54] **ZEOLITE ADSORBENTS HAVING A HIGH EXTERNAL SURFACE AREA AND USES THEREOF**
[54] **ADSORBANTS ZEOLITHIQUES DE HAUTE SURFACE EXTERNE ET LEURS UTILISATIONS**
[72] LUTZ, CECILE, FR
[72] BOUVIER, LUDIVINE, FR
[72] NICOLAS, SERGE, FR
[72] VITTENET, JULLIAN, FR
[72] SZENDROVICS, SYLVIE, FR
[72] PERSILLON, QUITTERIE, FR
[71] ARKEMA FRANCE, FR
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[54] **ADSORBANTS ZEOLITHIQUES DE HAUTE SURFACE EXTERNE ET LEURS UTILISATIONS**
[72] VITTENET, JULLIAN, FR
[72] ORTIZ, GUILLAUME, FR
[72] NICOLAS, SERGE, FR
[72] BOUVIER, LUDIVINE, FR
[72] LUTZ, CECILE, FR
[71] ARKEMA FRANCE, FR
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[54] **COLLAPSIBLE ALL-TERRAIN COT OR TENT APPARATUS**
[54] **APPAREILLAGE DE TENTE OU DE LIT TOUT-TERRAIN ECRASABLE**
[72] HANSON, ALFRED, US
[71] HANSON, ALFRED, US
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[25] EN
[54] **MEASUREMENT PROCEDURE UNDER ADAPTIVE FREQUENCY SEPARATION**
[54] **PROCEDURE DE MESURAGE SOUS SEPARATION DE FREQUENCE ADAPTATIVE**
[72] KAZMI, MUHAMMAD, SE
[72] BERGMAN, JOHAN, SE
[72] BOUDREAU, GARY, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[30] US (62/112,410) 2015-02-05
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[25] EN
[54] **SYSTEM AND METHOD FOR INTRODUCING FUNCTIONALITY TO AN APPLICATION FOR USE WITH A NETWORK SERVICE**
[54] **SYSTEME ET PROCEDE POUR L'INTRODUCTION DE FONCTIONNALITE DANS UNE APPLICATION POUR UTILISATION AVEC UN SERVICE DE RESEAU**
[72] HOLDEN, PAUL-PHILLIP, US
[72] ROCKMORE, LOGAN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-07-24
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[54] **INTRA-SHOP CONNECTIVITY SYSTEM AND METHOD**
[54] **SYSTEME DE CONNECTIVITE INTRA-ATELIER ET PROCEDE**
[72] BIERIE, WILLIAM K., US
[72] BELL, JEFFREY G., US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2017-07-24
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[54] **FAN ARRANGEMENT AND RELATED CONTROL CABINET**
[54] **DISPOSITION DE VENTILATEUR ET BOITIER DE COMMANDE ASSOCIE**
[72] KAUN, NORMAN, DE
[71] AREVA NP SAS, FR
[85] 2017-07-25
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[25] EN
[54] **SYNCHRONIZATION SYSTEM FOR A POWER GENERATION UNIT AND METHOD THEREOF**
[54] **SYSTEME DE SYNCHRONISATION D'UN MODULE DE PRODUCTION D'ENERGIE ET METHODE ASSOCIEE**
[72] CATALAN LAGO, PEDRO, ES
[72] OLEA OREGI, ENEKO, ES
[72] CANDELA GARCIA, JOSE IGNACIO, ES
[72] LUNA ALLOZA, ALVARO, ES
[72] ROUZBEHI, KUMARS, ES
[71] INGETEAM POWER TECHNOLOGY, S.A., ES
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[25] EN
[54] **COMPOSITION AND METHOD FOR PRODUCING PRE-IMPREGNATED DECORATIVE BASE PAPER COMPRISING BIOPOLYMER NANOPARTICLES**
[54] **COMPOSITION ET PROCEDE DE PRODUCTION DE PAPIER DE BASE DECORATIF PREIMPREGNE COMPRENANT DES NANOPARTICULES DE BIOPOLYMERE**
[72] PERRIN, CLAUDE, FR
[72] VILLAUME, HELENE, FR
[71] AHLSTROM-MUNKSJO DETTINGEN GMBH, DE
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[54] **BATCH-STYLE BOTTOM-DISCHARGE ROTARY DEBARKER**
[54] **ECORCEUSE TOURNANTE A DECHARGE PAR LE FOND DU TYPE PAR LOTS**
[72] TIAN, JUN, US
[72] YEN, BENJAMIN, US
[71] ACROWOOD CORPORATION, US
[85] 2017-07-24
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[51] **Int.Cl. H04W 24/02 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **AUTOMATIC CONFIGURATION OF A WIRELESS DISTRIBUTION SYSTEM EXTENDED NETWORK**
[54] **CONFIGURATION AUTOMATIQUE D'UN RESEAU ETENDU DE SYSTEME DE DISTRIBUTION SANS FIL**
[72] CHEN, XI, US
[72] ZHANG, MENG, US
[72] NAKANISHI, GREGORY, US
[72] SONG, TAO, US
[72] ZELEZNIKAR, ALAN R., US
[71] ARRIS ENTERPRISES LLC, US
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[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/02 (2006.01) B01D 53/96 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **SEPARATION OF NITROGEN FROM HYDROCARBON GAS USING PYROLYZED SULFONATED MACROPOROUS ION EXCHANGE RESIN**
[54] **SEPARATION D'AZOTE D'UN GAZ D'HYDROCARBURE A L'AIDE D'UNE RESINE ECHANGEUSE D'IONS MICROPOREUSE SULFONEE PYROLYSEE**
[72] LIU, JUNQIANG, US
[72] HAN, CHAN, US
[72] GOLTZ, H. ROBERT, US
[72] RODGERS, MATTHEW L., US
[72] MATTEUCCI, SCOTT T., US
[72] KERN, BRANDON J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **INTELLIGENT FORMATION AND MANAGEMENT OF DYNAMIC TALK GROUPS**
[54] **FORMATION INTELLIGENTE ET GESTION DE GROUPES DE DISCUSSION DYNAMIQUES**
[72] MAZZARELLA, JOSEPH R., US
[72] WENGROVITZ, MICHAEL S., US
[71] MUTUALINK, INC., US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015602)
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[51] **Int.Cl. H01F 41/02 (2006.01) H01F 7/02 (2006.01) H01F 10/14 (2006.01)**
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[54] **PRESERVATION OF STRAIN IN IRON NITRIDE MAGNET**
[54] **CONSERVATION DE CONTRAINTE DANS UN AIMANT EN NITRURE DE FER**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-07-25
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **CONSOLIDATED MANAGEMENT OF HOME NETWORK ELEMENTS**
[54] **GESTION CONSOLIDEE D'ELEMENTS DE RESEAU DOMESTIQUE**
[72] BUGAJSKI, MAREK, US
[72] MORGOS, MARCIN, PL
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-25
[86] 2016-02-01 (PCT/US2016/015966)
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[30] US (62/110,092) 2015-01-30
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[51] **Int.Cl. H01F 1/20 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **IRON NITRIDE POWDER WITH ANISOTROPIC SHAPE**
[54] **POUDRE DE NITRURE DE FER AVEC FORME ANISOTROPE**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[51] **Int.Cl. A61L 15/22 (2006.01) A61F 13/84 (2006.01) A61L 15/42 (2006.01)**
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[54] **ARTICLES WITH ODOR-CONTROLLING COMPOSITION**
[54] **ARTICLES COMPRENANT UNE COMPOSITION ANTI-ODEURS**
[72] SCHNEIDER, DAVID J., US
[72] KIELY, LAURA G., US
[71] REM BRANDS, INC., US
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **CONTROL SIGNALING SUPPORTING MULTI-PRIORITY SCHEDULING**
[54] **SIGNALISATION DE COMMANDE AVEC PRISE EN CHARGE D'ORDONNANCEMENT A MULTIPLES PRIORITES**
[72] LIN, JAMIE MENJAY, US
[72] JIANG, JING, US
[72] JI, TINGFANG, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-25
[86] 2016-02-19 (PCT/US2016/018783)
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[54] **COMPOSITION FOR A WOUND DRESSING**
[54] **COMPOSITION POUR PANSEMENT**
[72] HOGGARTH, ANDREW, GB
[72] HARDY, CRAIG, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2017-07-26
[86] 2016-01-27 (PCT/GB2016/050178)
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[30] GB (1501330.3) 2015-01-27

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[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/41 (2011.01) H04N 21/433 (2011.01) H04N 21/6543 (2011.01)**
[25] EN
[54] **PLAYBACK MANIPULATION IN RESPONSE TO NOTIFICATION**
[54] **MANIPULATION DE LECTURE EN REPONSE A UNE NOTIFICATION**
[72] BUGAJSKI, MAREK, US
[72] MORGOS, MARCIN, PL
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-25
[86] 2016-02-01 (PCT/US2016/015957)
[87] (WO2016/123611)
[30] US (62/110,128) 2015-01-30
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[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01)**
[25] EN
[54] **A WIRELESS DEVICE, A RADIO NETWORK NODE, A NETWORK NODE, AND METHODS THEREIN FOR LOAD BALANCING IN A WIRELESS COMMUNICATIONS NETWORK**
[54] **DISPOSITIF SANS FIL, NOEUD DE RESEAU RADIO, NOEUD DE RESEAU, ET PROCEDES MIS EN OEUVRE DANS CEUX-CI POUR L'EQUILIBRAGE DE CHARGE DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] BERGQVIST, JENS, SE
[72] SUNDBERG, MARTEN, SE
[72] LIBERG, OLOF, SE
[72] SCHLIWA-BERTLING, PAUL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **DELIVERY DEVICE AND METHOD OF DELIVERY**
[54] **DISPOSITIF DE DISTRIBUTION ET PROCEDE DE DISTRIBUTION**
[72] EVANS, DOUGLAS, US
[72] LONGO, MICHAEL, US
[72] DOTSEY, MICHAEL, US
[71] INTACT VASCULAR, INC., US
[85] 2017-07-26
[86] 2016-01-29 (PCT/US2016/015793)
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[54] **SYSTEMS AND METHODS FOR GENERATING LIQUID WATER FROM AIR**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'EAU LIQUIDE A PARTIR DE L'AIR**
[72] SWITZER, ELISE, US
[72] FRIESEN, CODY, US
[72] LORZEL, HEATH, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[30] US (62/145,995) 2015-04-10

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[25] EN
[54] **PREFORMED BAG MADE OF FLEXIBLE PLASTIC MATERIAL AND METHODS FOR PROVIDING A PREFORMED BAG FROM A FILM MADE OF FLEXIBLE PLASTIC MATERIAL WITH A RIGID FRAME**
[54] **SAC PREFORME EN MATIERE PLASTIQUE FLEXIBLE ET PROCEDES POUR EQUIPER UN SAC PREFORME A PARTIR D'UN FILM EN MATIERE PLASTIQUE FLEXIBLE D'UN CADRE RIGIDE**
[72] VALETTE, ERIC, FR
[71] COVERIS FLEXIBLES FRANCE, FR
[85] 2017-07-27
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[25] FR
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR LEARNING PHASE OF AN ACOUSTIC OR VIBRATORY ANALYSIS OF A MACHINE**
[54] **PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR POUR PHASE D'APPRENTISSAGE D'UNE ANALYSE ACOUSTIQUE OU VIBRATOIRE D'UNE MACHINE**
[72] BENSE, WILLIAM, FR
[72] BOITEUX, JEAN-MICHEL, FR
[72] DUPONT, AUDREY, FR
[72] GRIFFATON, JULIEN CHRISTIAN PASCAL, FR
[72] LACAILLE, JEROME HENRI NOEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **HEART VALVE DOCKING DEVICES AND IMPLANTING METHODS**
[54] **DISPOSITIFS D'ACCROCHAGE DE VALVULE CARDIAQUE ET PROCEDES D'IMPLANTATION**
[72] MAIMON, DAVID, US
[72] ALTMAN, HERNAN, IL
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[72] ARNOTT, ROBERT, JP
[71] NEC CORPORATION, JP
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[54] **COMMUTATEUR CROSSBAR OPTIQUE ET LOGIQUE DE COMMUTATION QUI FOURNIT UNE PROTECTION DE CHEMIN DE FIBRE OPTIQUE STABLE, A FAIBLE PERTE**
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[72] PRADZYNSKI, KRZYZTOF, US
[71] ARRIS SOLUTIONS, INC., US
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[72] NAMBIAR, RAKESH, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
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[54] **SYSTEM AND METHOD FOR A MAN-PORTABLE MOBILE AD-HOC RADIO BASED LINKED EXTENSIBLE NETWORK**
[54] **SYSTEME ET PROCEDE POUR UN RESEAU EXTENSIBLE CABLE RADIO AD HOC MOBILE PORTABLE**
[72] WENGROVITZ, MICHAEL S., US
[72] MAZZARELLA, JOSEPH R., US
[71] MUTUALINK, INC., US
[85] 2017-07-27
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[54] **WIRELESS VIDEO PERFORMANCE SELF-MONITORING AND ALERT SYSTEM**
[54] **SYSTEME DE SURVEILLANCE AUTOMATIQUE DE PERFORMANCE VIDEO SANS FIL ET D'ALERTE**
[72] CHEN, XI, US
[72] MEISSNER, BERNARD J., US
[72] HOBROCK, LANCE M., US
[72] ZELEZNIKAR, ALAN R., US
[72] ZHANG, MENG, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **WAVELENGTH SELECTIVE SWITCH WITH INCREASED FREQUENCY SEPARATION TO AVOID CROSSTALK**
[54] **COMMUTATEUR SELECTIF EN LONGUEUR D'ONDE AVEC SEPARATION ACCRUE DES FREQUENCES POUR EVITER LA DIAPHONIE**
[72] WAGENER, JEFFERSON L., US
[71] NISTICA, INC., US
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[54] **SCHEDULING ENHANCEMENTS FOR CONTENTION-BASED SHARED FREQUENCY SPECTRUM EMPLOYING UPLINK**
[54] **AMELIORATIONS D'ORDONNANCEMENT DE SPECTRE DE FREQUENCE PARTAGEE BASE SUR UN CONFLIT D'ACCES UTILISANT UN ORDONNANCEMENT ENTRE PORTEUSES DE LIAISON MONTANTE**
[72] YERRAMALLI, SRINIVAS, US
[72] LUO, TAO, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
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[54] **PLUG CONNECTOR WITH LOCKING DEVICE**
[54] **CONNECTEUR ENFICHABLE COMPRENANT UN DISPOSITIF DE VERROUILLAGE**
[72] BLAKBORN, WILLEM, DE
[72] MUHLFELLNER, HELMUT, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **SYSTEM AND METHOD FOR INCREASING THROUGHPUT IN DIGITAL RADIO BROADCAST RECEIVER**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LE DEBIT D'UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE**
[72] MILBAR, MAREK, US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2017-07-28
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[54] **PRINTING MATERIAL CARTRIDGE**
[54] **CARTOUCHE DE PRODUIT D'IMPRESSION**
[72] JERAN, PAUL, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **COMPOSITION DE COUCHAGE COMPRENANT DES PROTEINES DE BLE HYDROLYSEES**
[54] **COATING COMPOSITION COMPRISING HYDROLYSED WHEAT PROTEINS**
[72] PERALBA, MAGALIE, FR
[72] RIVOLTA, VITTORIO, IT
[72] FREDERIX, SOFIE, BE
[71] TEREOS STARCH & SWEETENERS BELGIUM, BE
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[54] **SECURITY PROTOCOLS FOR LOW LATENCY EXECUTION OF PROGRAM CODE**
[54] **PROTOCOLES DE SECURITE POUR EXECUTION A FAIBLE LATENCE DE CODE DE PROGRAMME**
[72] WAGNER, TIMOTHY ALLEN, US
[72] THOMAS, DYLAN CHANDLER, US
[72] NAIR, AJAY, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **NOZZLE FOR A PLASMA ARC TORCH**
[54] **BUSE POUR CHALUMEAU A ARC A PLASMA**
[72] KRINK, VOLKER, DE
[72] LAURISCH, FRANK, DE
[72] GRUNDKE, TIMO, DE
[71] KJELLBERG-STIFTUNG, DE
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[54] **METHOD AND DEVICE FOR FILLING A HYDROGEN TANK**
[54] **PROCEDE ET UN DISPOSITIF DE REMPLISSAGE DE RESERVOIR D'HYDROGENE**
[72] RAVINEL, BAPTISTE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **METHOD AND SYSTEM FOR MONITORING COMMODITY NETWORKS THROUGH RADIOFREQUENCY SCANNING**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE RESEAUX DE MARCHANDISES PAR BALAYAGE RADIOFREQUENCE**
[72] SPALENKA, JOSEF, US
[72] ALPHENAAR, DEIRDRE, US
[71] GENSCAPE INTANGIBLE HOLDING, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR EXTENDING FEATURE SELECTION IN A COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR ETENDRE LA SELECTION DE FONCTIONNALITE DANS UN SYSTEME DE COMMUNICATION**
[72] LEY, DAVID J., US
[72] ANTILLA, MARK A., US
[71] MOTOROLA SOLUTIONS, INC., US
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[71] SONTAG, GLENNON C., US
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[54] **ASSEMBLY OF MODULES, MODULE SUPPORT AND MODULE**
[54] **ENSEMBLE DE MODULES, SUPPORT DE MODULE ET MODULE**
[72] RAUBO, ROMAN, US
[72] FURYK, MAREK, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **METHODS AND APPARATUSES FOR MAKING CUSTOM ORTHOTICS, INSOLES AND OTHER FOOTWEAR INSERTS**
[54] **PROCEDES ET APPAREILS DESTINES A REALISER DES ORTHESES, DES SEMELLES INTERIEURES ET D'AUTRES INSERTS D'ARTICLES CHAUSSANTS PERSONNALISES**
[72] GOOCH, MATTHEW WARREN, US
[72] MCCOY, BRENT, US
[72] WAKELAND, DAN, US
[71] SUPERFEET WORLDWIDE, INC., US
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[54] **METHOD FOR PREPARING AN AQUEOUS DISPERSION OF A POORLY DISPERSIBLE PLANT PROTEIN**
[54] **PROCEDE DE PREPARATION DE DISPERSION AQUEUSE DE PROTEINE VEGETALE FAIBLEMENT DISPERSIBLE**
[72] ALTING, AART CORNELIS, NL
[72] LUYTEN, JOHANNA MARIA JOZEFA GEORGINA, NL
[72] WESTERBEEK, JOHANNES MARTINUS MARIA, NL
[71] FRIESLANDCAMPINA NEDERLAND B.V., NL
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[54] **APPARATUS AND METHOD FOR ROLL-TO-ROLL MEMBRANE MANUFACTURE**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE MEMBRANE ROULEAU-A-ROULEAU**
[72] MARSCHKE, DEAN DAVID, US
[72] RUDIE, BRIAN J., US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **WIRELESS POWER TRANSFER AND COMMUNICATIONS FOR INDUSTRIAL EQUIPMENT**
[54] **TRANSFERT D'ENERGIE ET COMMUNICATIONS SANS FIL POUR UN EQUIPEMENT INDUSTRIEL**
[72] MCKERNAN, PAT S., US
[72] NAGLE, GREGORY A., US
[71] CASCADE CORPORATION, US
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[25] EN
[54] **SYSTEM AND METHODS FOR CORRELATING SLEEP DATA TO SECURITY AND/OR AUTOMATION SYSTEM OPERATIONS**
[54] **SYSTEME ET PROCEDES POUR CORRELER DES DONNEES DE SOMMEIL A DES OPERATIONS DE SYSTEME DE SECURITE ET/OU D'AUTOMATISATION**
[72] MAHAR, MATTHEW, US
[72] EYRING, MATTHEW J., US
[72] GORDON-CARROLL, CLINT, US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES ELLIS, US
[72] LYMAN, JEFFERSON, US
[71] VIVINT, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATICALLY MONITORING USER ACTIVITY**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE AUTOMATIQUE D'ACTIVITE D'UTILISATEUR**
[72] LIN, RONGBIN LANNY, US
[72] BUNKER, BRANDON, US
[72] DAVIS, AARON, US
[72] LIU, SHIWEI, US
[71] VIVINT, INC., US
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[54] **COMPOSITIONS AND METHODS FOR SCALE INHIBITION**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION DE TARTRE**
[72] CHARLESWORTH, MARK, AU
[72] KALLI, CHRISTOPHER JOHN, AU
[72] THOMAS, DAVID GLYNN, AU
[72] SHI, WEI, US
[72] GRAHAM, BRENDAN FRANCIS, AU
[72] AMAN, ZACHARY MARK, AU
[72] MAY, ERIC FREEMANTLE, AU
[71] CHEVRON U.S.A. INC., US
[85] 2017-08-02
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[54] **TREATMENT OF FACIOSCAPULOHUMERAL DYSTROPHY**
[54] **TRAITEMENT DE LA DYSTROPHIE FACIO-SCAPULO-HUMERALE**
[72] DUMONCEAUX, JULIE, FR
[72] VOIT, THOMAS, GB
[72] MARIOT, VIRGINIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
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[86] 2016-02-08 (PCT/EP2016/052652)
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[54] **METHOD FOR PROCESSING CELLULOSE-CONTAINING BIOMASS**
[54] **PROCEDE DE TRAITEMENT D'UNE BIOMASSE CONTENANT DE LA CELLULOSE**
[72] RITTIG, FRANK, DE
[72] KOCH, STEFAN, DE
[72] KINDLER, ALOIS, DE
[72] KOCH, MICHAEL, DE
[72] LEIFELD, FERDINAND, DE
[72] NAVICKAS, VAIDOTAS, DE
[72] GRUEN, MARKUS, DE
[71] BASF SE, DE
[85] 2017-08-03
[86] 2016-02-18 (PCT/EP2016/053417)
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[25] EN
[54] **METHOD FOR PROCESSING CELLULOSE-CONTAINING BIOMASS**
[54] **PROCEDE DE TRAITEMENT D'UNE BIOMASSE CONTENANT DE LA CELLULOSE**
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[72] KOCH, STEFAN, DE
[72] KINDLER, ALOIS, DE
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[72] LEIFELD, FERDINAND, DE
[72] NAVICKAS, VAIDOTAS, DE
[72] GRUEN, MARKUS, DE
[71] BASF SE, DE
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[54] **NOVEL USE**
[54] **NOUVELLE UTILISATION**
[72] CHEN, MICHAEL C., GB
[72] LAZAR, RADU A., GB
[72] HUANG, JIAHAO, GB
[72] MCINROY, GORDON R., GB
[71] NUCLERA NUCLEICS LTD, GB
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[25] EN
[54] **METHOD FOR ASSEMBLING AN ANGLED PLUG CONNECTOR**
[54] **PROCEDE DE MONTAGE D'UN CONNECTEUR COUDE A FICHE**
[72] SINGHAMMER, MARTIN, DE
[72] HOHENADL, FLORIAN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2017-08-03
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[54] **NANOBODY DIMERS LINKED VIA C-TERMINALLY ENGINEERED CYSTEINS**
[54] **DIMERES NANOBODY LIES PAR L'INTERMEDIAIRE DE CYSTEINES D'INGENIERIE AU NIVEAU DU C-TERMINAL**
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[72] JANSSENS, DANIEL, BE
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[71] GE AVIATION SYSTEMS LLC, US
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[54] **COMPOSE DE MODELAGE**
[72] THURESSON, STAFFAN, SE
[72] MODELL, JONAS, SE
[72] THURESSON, KRISTER, SE
[71] RAMLAT LIMITED, MT
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[54] **PROMOTEUR RPE65 ET SEQUENCES DE CODAGE OPTIMISES**
[72] SMITH, ALEXANDER, GB
[72] ALI, ROBIN, GB
[71] UCL BUSINESS PLC, GB
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[72] DE SAUVAGE, FREDERIC J., US
[72] YAUCH, ROBERT L., US
[72] DIJKGRAAF, GERRIT J.P., US
[72] SHARPE, HAYLEY, US
[72] BASSET-SEGUIN, NICOLE, FR
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[54] **FLOATING APPARATUS FOR MEMBRANE BIOFILM REACTOR AND PROCESS FOR WATER TREATMENT**
[54] **APPAREIL FLOTTANT POUR REACTEUR A BIOFILM A MEMBRANE ET PROCEDE POUR LE TRAITEMENT DE L'EAU**
[72] COTE, PIERRE LUCIEN, CA
[72] ADAMS, NICHOLAS WILLIAM H., CA
[72] PEDERSEN, STEVEN KRISTIAN, CA
[72] IRELAND, JOHN DAVID, CA
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ANTICORPS DIRIGES CONTRE DES CANAUX VOLTAGE-DEPENDANTS DE TYPE L ET PROCEDES ASSOCIES**
[72] CHOI, KYUNG BOK, CA
[72] EYFORD, BRETT ALEXANDER, CA
[72] FENNINGER, FRANZ, CA
[72] GABATHULER, REINHARD, CA
[72] JEFFERIES, WILFRED ARTHUR, CA
[72] MUNRO, LONNA, CA
[72] PFEIFER, CHERYL GURINE, CA
[72] STANWOOD, SHAWNA ROSE, CA
[71] BIOMMUNE TECHNOLOGIES INC., CA
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[54] **COUPLEUR HYBRIDE A 180 DEGRES ET RESEAU D'ALIMENTATION D'ANTENNE A DOUBLE POLARISATION LINEAIRE**
[72] FASENFEST, KATHLEEN, US
[71] TE CONNECTIVITY CORPORATION, US
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[54] **ADHESIFS COMMUTABLES A BASE DE POLYURETHANE**
[72] TUNIUS, MATS, SE
[71] LUMINA ADHESIVES AB, SE
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[54] **MINIATURIZED OCT PACKAGE AND ASSEMBLY THEREOF**
[54] **BOITIER D'OCT MINIATURISE ET ASSEMBLAGE DE CELUI-CI**
[72] LLORET SOLER, JUAN, ES
[72] SANCHO DURA, JUAN, ES
[72] RUBIO GUIVERNAU, JOSE LUIS, ES
[72] MARGALLO BALBAS, EDUARDO, ES
[72] CIFUENTES, ANDRES, ES
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[72] LANDLES, WILLIAM KENNEDY, CA
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[54] **PANEL DE BIOMARQUEURS DESTINE A LA DETECTION DU CANCER**
[72] BURWINKEL, BARBARA, DE
[72] YANG, RONGXI, DE
[72] SCHNEEWEISS, ANDREAS, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[54] **A METHOD FOR ENCAPSULATING ADDITIVES INTO SEEDS, BEANS, NUTS, CEREALS AND PSEUDO-CEREALS**
[54] **PROCEDE D'ENCAPSULATION D'ADDITIFS DANS DES GRAINES, DES FEVES, DES NOIX, DES CEREALES ET DES PSEUDO-CEREALES**
[72] WHITEHEAD, IAN, CH
[72] DURAN, ULISES, MX
[72] HOI KI SIN, EMILY, GB
[71] SENSIENT FLAVORS LIMITED, GB
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[54] **APPAREIL ET PROCEDE POUR COMMANDE DE NAVIGATION**
[72] GUPTA, AKASH, IN
[72] HOELTGEN, WOLFGANG, KURT, DE
[72] KOHLI, SAMAY, IN
[72] KEJRIWAL, GAURAV, IN
[72] CHOUDHARY, SRIJAN, IN
[72] AGRAWAL, TUSHAR, IN
[72] SWARNIK, IN
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[54] **PROCEDES POUR LA COUVERTURE CIBLEE DE SEQUENCES D'ACIDES NUCLEIQUES**
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[72] JAROSZ, MIRNA, US
[71] 10X GENOMICS, INC., US
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[54] **BALAYAGE RAPIDE DE GRANDES FENETRES RF QUADRIPOLAIRES EFFECTUE PENDANT LE BASCULEMENT SIMULTANE DE L'ENERGIE DE FRAGMENTATION**
[72] BLOOMFIELD, NIC G., CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **MATERIAU PLASTIQUE POUR DISPOSITIFS DESTINES A ETRE IMPLANTES DANS LE CORPS HUMAIN OU POUR ESPACEURS ARTICULAIRES**
[72] SOFFIATTI, RENZO, IT
[72] FACCIOLI, GIOVANNI, IT
[71] TECRES S.P.A., IT
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[54] **CONJUGES DE GLYCOPEPTIDES ET LEURS UTILISATIONS**
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[72] YARLAGADDA, VENKATESWARLU, IN
[71] JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH (JNCASR), IN
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[54] **TRANSMITTING APPARATUS AND RECEIVING APPARATUS AND CONTROLLING METHOD THEREOF**
[54] **APPAREIL EMETTEUR, APPAREIL RECEPTEUR ET LEUR PROCEDE DE COMMANDE**
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[72] OH, YOUNG-HO, KR
[72] HWANG, SUNG-HEE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PASSIVE INDOOR OCCUPANCY DETECTION AND LOCATION TRACKING**
[54] **DETECTION DE PRESENCE ET LOCALISATION PASSIVES DANS DES ESPACES INTERIEURS**
[72] FINNERTY, SHAUN, US
[72] PAWLOWSKI, MICHAEL, US
[72] FRIEDENBERGER, JAMES, US
[72] DEVINE, KERRI, US
[71] SIEMENS INDUSTRY, INC., US
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[72] KJELLMAN, CHRISTIAN, SE
[72] JARNUM, SOFIA, SE
[72] NORDAHL, EMMA, SE
[71] HANSA MEDICAL AB, SE
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[86] 2016-02-12 (PCT/EP2016/053052)
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[25] EN
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[54] **ELEMENT DE FILTRE DE PROFONDEUR OBTENU PAR FUSION-SOUFFLAGE ET SON PROCEDE, ET MACHINE DE FABRICATION**
[72] STIFTER, TRAVIS GERALD, US
[72] AUNE, THOMAS MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PROTEASE A CYSTEINE**
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[72] JARNUM, SOFIA, SE
[72] NORDAHL, EMMA, SE
[71] HANSA MEDICAL AB, SE
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[54] **METHODS FOR CONTROLLING PROTEASE PRODUCTION**
[54] **PROCEDES DE REGULATION DE LA PRODUCTION DE PROTEASES**
[72] PALOHEIMO, MARJA, FI
[72] MAKINEN, SUSANNA, FI
[72] PUNT, PETER, NL
[72] JUNTUNEN, KARI, FI
[72] PURANEN, TERHI, FI
[72] VEHMAANPERA, JARI, FI
[71] ROAL OY, FI
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[54] **CLOSED-LOOP LASER EYE SURGERY TREATMENT**
[54] **TRAITEMENT DE CHIRURGIE OCULAIRE AU LASER EN BOUCLE FERMEE**
[72] WOODLEY, BRUCE R., US
[72] SIMONEAU, MICHAEL J., US
[72] WOO, RAYMOND, US
[72] GONZALEZ, JAVIER G., US
[71] OPTIMEDICA CORPORATION, US
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING BANDWIDTH RESPONSIVE TO THE DUTY CYCLE OF AN ABR CLIENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE BANDE PASSANTE EN REPONSE AU CYCLE DE SERVICE D'UN CLIENT ABR**
[72] PHILLIPS, CHRIS, US
[72] FORSMAN, ROBERT HAMMOND, US
[72] REYNOLDS, JENNIFER ANN, US
[71] ERICSSON AB, SE
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[54] **LONG TERM EVOLUTION (LTE) COMMUNICATIONS OVER TRUSTED HARDWARE**
[54] **COMMUNICATIONS EN TECHNOLOGIE D'EVOLUTION A LONG TERME (LTE) SUR MATERIEL DE CONFIANCE**
[72] PACZKOWSKI, LYLE WALTER, US
[72] RAJAGOPAL, ARUN, US
[72] MARQUARDT, RONALD R., US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **LIGAND-CYTOTOXICITY DRUG CONJUGATE, PREPARING METHOD THEREFOR, AND APPLICATION THEREOF**
[54] **CONJUGE LIGAND-MEDICAMENT CYTOTOXIQUE, PROCEDE DE PREPARATION DUDIT CONJUGUE ET APPLICATION DUDIT CONJUGUE**
[72] XU, JIANYAN, CN
[72] ZHANG, YING, CN
[72] QU, BOLEI, CN
[72] ZHANG, FUYAO, CN
[72] YU, XIUZHAO, CN
[72] LIANG, JINDONG, CN
[72] JIANG, GUIYANG, CN
[72] ZHANG, LIANSHAN, CN
[72] LI, ANG, CN
[72] WANG, YALI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **COATING FOR IMPROVED GRANULAR FERTILIZER EFFICIENCY**
[54] **REVETEMENT POUR UNE MEILLEURE EFFICACITE D'UN ENGRAIS GRANULAIRE**
[72] WHEELER, KORY J., US
[72] YOUNG, ROY M., US
[72] HARMAN, GREGG M., US
[72] HILL, MICHAEL W., US
[71] LAND VIEW, INC., US
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[54] **ANTICORPS ANTI-MUC1* HUMANISES**
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[72] SMAGGHE, BENOIT, US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
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[54] **SUSPENSION EXPLOSIVE A BASE D'EAU**
[72] QUINTANA ANGULO, JOSE RAMON, ES
[72] CARRANZA VITORES, ARTURO, ES
[71] MAXAMCORP HOLDING, S.L., ES
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[54] **A TRIMMING SYSTEM FOR TRIMMING FISH**
[54] **SYSTEME DE PARAGE POUR PARER DU POISSON**
[72] JAKOBSEN, BJARNE KJELD, DK
[71] MAREL SALMON A/S, DK
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[54] **SCHEDULE SELECTION AND CONNECTION SETUP BETWEEN DEVICES PARTICIPATING IN A NAN DATA LINK**
[54] **SELECTION DE PROGRAMME ET ETABLISSEMENT DE CONNEXION ENTRE DES DISPOSITIFS PARTICIPANT A UNE LIAISON DE DONNEES DE RESEAU DE PROXIMITE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] LEE, SOO BUM, US
[71] QUALCOMM INCORPORATED, US
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[54] **ETABLISSEMENT D'UNE LIAISON DE DONNEES NAN SECURISEE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] RAISSINIA, ALIREZA, US
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[54] **PRODUITS DE NITRATE D'AMMONIUM ET LEUR PROCEDE DE PREPARATION**
[72] ELIZUNDIA ERIZ, UNAI, ES
[72] HASS, MATEUSZ MAREK, FR
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2017-08-09
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[54] **SHELF-STABLE READY TO DRINK BEVERAGES CONTAINING HYDROLYZED WHOLE GRAIN AND A STABILIZING SYSTEM**
[54] **BOISSONS PRETES A BOIRE DE LONGUE CONSERVATION CONTENANT DES GRAINS ENTIERS HYDROLYSES, ET SYSTEME DE STABILISATION**
[72] PALAG, SOLEDAD, US
[72] PASCUAL, TERESITA BAUTISTA, US
[72] SHER, ALEXANDER, US
[72] KAPCHIE, VIRGINIE, US
[72] FU, JUN-TSE, US
[72] BOEHM, ROBERT THOMAS, US
[71] NESTEC S.A., CH
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[54] **CONTROL OF AERATION IN THE TREATMENT OF WASTEWATER THROUGH THE MONITORING OF NITRIFICATION BY-PRODUCTS**
[54] **REGULATION D'AERATION DANS LE TRAITEMENT D'EAUX RESIDUELLES PAR L'INTERMEDIAIRE DE LA SURVEILLANCE DE SOUS-PRODUITS DE NITRIFICATION**
[72] ARNALDOS ORTS, MARINA, ES
[71] ACCIONA AGUA, S.A., ES
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[54] **DETECTING MASS SPECTROMETRY BASED SIMILARITY VIA CURVE SUBTRACTION**
[54] **DETECTION DE SIMILARITE BASEE SUR LA SPECTROMETRIE DE MASSE PAR LE BIAIS D'UNE SOUSTRACTION DE COURBES**
[72] SHERMAN, JAMES ANDREW, CA
[72] TATE, STEPHEN A., CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2017-08-04
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[54] **DEVICE FOR IMPROVED DETECTION OF IONS IN MASS SPECTROMETRY**
[54] **DISPOSITIF DE DETECTION AMELIOREE D'IONS DE SPECTROMETRIE DE MASSE**
[72] COLLINGS, BRUCE ANDREW, CA
[72] MARTIN, PASCAL, CA
[72] LOCKE, STEPHEN BRUCE, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **GRAPHITE PRODUCTION FROM BIOMASS**
[54] **PRODUCTION DE GRAPHITE A PARTIR DE BIOMASSE**
[72] CONNER, GREGORY THOMAS, NZ
[72] MILLER, IAN JAMES, NZ
[72] GOMEZ, MIREIA MARQUES, NZ
[71] CARBONSCAPE LIMITED, NZ
[85] 2017-08-09
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[54] **ENGINEERED IMMUNOGLOBULIN FC POLYPEPTIDES DISPLAYING IMPROVED COMPLEMENT ACTIVATION**
[54] **POLYPEPTIDES AYANT UN DOMAINE FC D'IMMUNOGLOBULINE MODIFIE MANIFESTANT UNE ACTIVATION DU COMPLEMENT AMELIOREE**
[72] GEORGIOU, GEORGE, US
[72] LEE, CHANG-HAN, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
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[54] **METHODS AND COMPOSITIONS USEFUL IN GENERATING NON CANONICAL CD8+ T CELL RESPONSES**
[54] **PROCEDES ET COMPOSITIONS UTILES DANS LA GENERATION DE REPONSES NON CANONIQUES DE LYMPHOCYTES T CD8+**
[72] FRUEH, KLAUS, US
[72] PICKER, LOUIS, US
[72] HANSEN, SCOTT, US
[72] SACHA, JONAH, US
[72] MALOULI, DANIEL, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[71] FRUEH, KLAUS, US
[71] PICKER, LOUIS, US
[71] HANSEN, SCOTT, US
[71] SACHA, JONAH, US
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[54] **TECHNIQUES FOR IDENTIFYING ERRORS INTRODUCED DURING ENCODING**
[54] **TECHNIQUES D'IDENTIFICATION D'ERREURS INTRODUITES PENDANT UN CODAGE**
[72] AARON, ANNE, US
[72] MA, ZHONGHUA, US
[71] NETFLIX, INC., US
[85] 2017-08-09
[86] 2016-02-10 (PCT/US2016/017376)
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[25] FR
[54] **FIBROUS STRUCTURE FOR REINFORCING COMPONENTS MADE OF COMPOSITE MATERIAL WITH A GREAT VARIATION IN THICKNESS**
[54] **STRUCTURE FIBREUSE DE RENFORT DE PIECES EN MATERIAU COMPOSITE A FORTE VARIATION D'EPAISSEUR**
[72] LEFEBVRE, MARIE, FR
[72] COUPE, DOMINIQUE, FR
[72] CHARLEUX, FRANCOIS, FR
[71] SAFRAN CERAMICS, FR
[71] SAFRAN, FR
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[54] **REDUCTION OF THE CONCENTRATION OF GRAM-NEGATIVE BACTERIA IN A FERMENTED FOOD PRODUCT BY THE COMBINATION OF RED WINE EXTRACT AND A CULTURE COMPRISING AT LEAST ONE BACTERIOCIN-PRODUCING LACTIC ACID BACTERIAL STRAIN**
[54] **REDUCTION DE LA CONCENTRATION DE BACTERIES GRAM-NEGATIVES DANS UN PRODUIT ALIMENTAIRE FERMENTE PAR LA COMBINAISON D'EXTRAIT DE VIN ROUGE ET D'UNE CULTURE CONSTITUEE D'AU MOINS UNESOUCHE BACTERIENNE D'ACIDE LACTIQUE PRODUISANT DE LA BACTERIOCINE**
[72] ERKES, MICHAEL, DE
[72] SEIBERT, TIM MARTIN, DK
[71] CHR. HANSEN A/S, DK
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[54] **NOUVEAU LACTOBACILLUS THERMOTOLERANT**
[72] BUCHHORN, GAELLE LETTIER, DK
[72] VANELL, DINA, DK
[72] SOERENSEN, KIM IB, DK
[72] OEREGAARD, GUNNAR, DK
[72] KIBENICH, ANNETTE, DK
[72] STROEMAN, PER, DK
[71] CHR. HANSEN A/S, DK
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[54] **AN ENVIRONMENTALLY FRIENDLY CHROME-TANNING METHOD**
[54] **PROCEDE DE TANNAGE AU CHROME ECOLOGIQUE**
[72] VAN DER BURGH, STEFAN, NL
[72] ARMENGOL ESTEBAN, JORDI, ES
[71] TAMINCO FINLAND OY, FI
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[54] **PERCEPTIONS IN A HAPTIC SYSTEM**
[54] **PERCEPTIONS DANS UN SYSTEME HAPTIQUE**
[72] LONG, BENJAMIN JOHN OLIVER, GB
[72] CARTER, THOMAS ANDREW, GB
[72] SUBRAMANIAN, SRIRAM, GB
[72] BLENKINSOPP, ROBERT CHARLES, GB
[72] SEAH, SUE ANN, GB
[72] FRIER, WILLIAM THIERRY ALAIN, GB
[71] ULTRAHAPTICS IP LIMITED, GB
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[54] **ALGORITHM IMPROVEMENTS IN A HAPTIC SYSTEM**
[54] **AMELIORATIONS D'ALGORITHME DANS UN SYSTEME HAPTIQUE**
[72] LONG, BENJAMIN JOHN OLIVER, GB
[72] CARTER, THOMAS ANDREW, GB
[72] SUBRAMANIAN, SRIRAM, GB
[71] ULTRAHAPTICS IP LIMITED, GB
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[25] EN
[54] **PROTOESCIGENIN DERIVATIVE, PROCESS OF ITS PREPARATION, USE OF SAID COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING THAT COMPOUND**
[54] **DERIVE DE PROTOESCIGENINE, SON PROCEDE DE PREPARATION, UTILISATION DUDIT COMPOSE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] KOZIAK, KATARZYNA, PL
[72] BOJAKOWSKI, KRZYSZTOF, PL
[72] KOWALEWSKA, MAGDALENA, PL
[72] MACIEJKO, DOROTA, PL
[72] ZEGROCKA-STENDEL, OLIWIA, PL
[72] GRABOWSKA, IWONA, PL
[72] GRYNKIEWICZ, GRZEGORZ, PL
[72] GRUZA, MARIUSZ MAREK, PL
[72] JATCZAK, KAMIL, PL
[72] FILIP, KATARZYNA, PL
[72] CMOCH, PIOTR, PL
[72] LASZCZ, MARTA, PL
[71] INSTYTUT FARMACEUTYCZNY, PL
[71] WARSZAWSKI UNIWERSYTET MEDYCZNY, PL
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[25] EN
[54] **MODIFIED AMINES USEFUL AS SCALE INHIBITORS IN WET PROCESS PHOSPHORIC ACID PRODUCTION**
[54] **AMINES MODIFIEES UTILES COMME INHIBITEURS D'INCRUSTATIONS DANS UNE PRODUCTION D'ACIDE PHOSPHORIQUE PAR VOIE HUMIDE**
[72] KOPRESKI, RYAN, US
[72] ZHANG, LEI, US
[72] CARR, JOHN, US
[72] RYLES, RODERICK, US
[71] CYTEC INDUSTRIES INC., US
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[54] **BLENDS OF CHYMOSINS WITH IMPROVED MILK-CLOTTING PROPERTIES**
[54] **MELANGES DE CHYMOSINES AVEC DES PROPRIETES DE CAILLAGE DU LAIT AMELIOREES**
[72] FAIVELEY, MARC, FR
[72] BROCHERET, SYLVAIN, FR
[72] POIGNAND, JEAN-PAUL, FR
[72] DE LAMOTTE, STEPHANE, FR
[72] ROUSTEL, SEBASTIEN, FR
[71] CHR. HANSEN A/S, DK
[85] 2017-08-10
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[25] EN
[54] **METHOD FOR PRODUCTION OF SOFT CHEESE COMPRISING SIMULTANEOUS ADDITION OF ACIDIFYING BACTERIA AND COAGULANT**
[54] **PROCEDE POUR LA PRODUCTION DE FROMAGE A PATE MOLLE COMPRENANT L'AJOUT SIMULTANE DE BACTERIES ACIDOGENES ET DE COAGULANT**
[72] BROCHERET, SYLVAIN, FR
[72] FAIVELEY, MARC, FR
[72] POIGNAND, JEAN-PAUL, FR
[72] ROUSTEL, SEBASTIEN, FR
[71] CHR. HANSEN A/S, DK
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[25] EN
[54] **INSTANT THICKENED DRY FOOD COMPOSITIONS**
[54] **COMPOSITIONS ALIMENTAIRES SECHES A EPAISSISSEMENT INSTANTANEES**
[72] CHAWLA, AMRISH, US
[72] ARNEY, GRACE, US
[72] MUELLER, JASON, US
[72] MCKEAGE, DAVID M., US
[71] SOLAE LLC, US
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[54] **SOYBEAN U6 SMALL NUCLEAR RNA GENE PROMOTERS AND THEIR USE IN CONSTITUTIVE EXPRESSION OF SMALL RNA GENES IN PLANTS**
[54] **PROMOTEURS DE GENE D'ARN NUCLEAIRE DE PETITE TAILLE U6 DE SOJA ET LEUR UTILISATION DANS L'EXPRESSION CONSTITUTIVE DE GENES D'ARN DE PETITE TAILLE DANS DES PLANTES**
[72] LI, ZHONGSEN, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-08-10
[86] 2016-03-21 (PCT/US2016/023374)
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[30] US (62/139,075) 2015-03-27

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[51] **Int.Cl. G08G 1/095 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **CONTROL OF A TRAFFIC SIGNALING SYSTEM AND REMOTE CONTROL OF LIGHT SIGNALING DEVICES SUCH AS TRAFFIC HEADS**
[54] **COMMANDE D'UN SYSTEME DE SIGNALISATION DE CIRCULATION ET COMMANDE A DISTANCE DE DISPOSITIFS DE SIGNALISATION LUMINEUSE TELS QUE DES TETES DE FEU DE SIGNALISATION**
[72] NGUYEN, TRUONG-KHOA, CA
[72] RICHARD, JEAN-FRANCOIS, CA
[72] NESER, MORNE, CA
[72] LANGLAIS, JUSTIN, CA
[72] RANA, SHAHZIL, CA
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[72] COOK, PATRICK LEE, US
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] MOUSER, MICHAEL JAMES, US
[72] FARISS, STEPHEN TODD, US
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[54] **DETECTION SIMULTANEE D'OLIGONUCLEOTIDES, KIT ET UTILISATION ASSOCIES**
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[72] DOERFLER, NADINE, DE
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[71] AXOLABS GMBH, DE
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[54] **DISPOSITIF D'ECARTEMENT POUR TRAITER UN SIEGE INFECTE A L'INTERIEUR DU CORPS HUMAIN**
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[54] **PROCEDES ET APPAREIL DE REDUCTION DU DECALAGE DE LATENCE LORS D'UNE COMMUTATION ENTRE DIFFERENTS FLUX DE CONTENU**
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[72] ZANE, FRANCIS X., US
[72] JANISEWSKI, THOMAS J., US
[72] SWELDENS, WIM, US
[72] HO, YUNG-LUNG, US
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[54] **PROCEDE DE TRAITEMENT DU BLANC D'OEUF LIQUIDE**
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[71] INTEROVO EGG GROUP B.V., NL
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[54] **VARIANTS POLYPEPTIDIQUES DISSOCIANT DES TOXINES DE FUSARIUM, ADDITIF CONTENANT CES VARIANTS ET UTILISATION DE CET ADDITIF ET DE CES VARIANTS ET PROCEDE POUR LA DISSOCIATION DE TOXINES DE FUSARIUM**
[72] ALESCHKO, MARKUS, AT
[72] KERN, CORINNA, AT
[72] MOLL, DIETER, AT
[72] BINDER, EVA MARIA, AT
[72] SCHATZMAYR, GERD, AT
[71] ERBER AKTIENGESELLSCHAFT, AT
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[54] **PROCEDE ET APPAREIL DE MELANGE AUDIO ANALOGIQUE ET NUMERIQUE POUR DES RECEPTEURS RADIO HD**
[72] NEKHAMKIN, MICHAEL, US
[72] DOMAZETOVIC, ANDREJ, RS
[72] YEN, RAYMOND, US
[72] THULASINGAM, SIVAKUMAR, US
[71] IBIQUITY DIGITAL CORPORATION, US
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[54] **PROCEDE BASE SUR LES MICROARN POUR LA DETECTION PRECOCE DU CANCER DE LA PROSTATE DANS DES ECHANTILLONS D'URINE**
[72] THOMSEN, RONFELDT ANNI, DK
[72] FREDSOE, JACOB CHRISTIAN, DK
[72] SORENSEN, DALSGAARD KARINA, DK
[72] KONGSBAK, LARS, DK
[72] MOURITZEN, PETER, DK
[72] ORNTOFT, TORBEN, DK
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[54] **SYSTEME D'AFFICHAGE COMPACT A PORTER SUR LA TETE, COMPORTANT UNE IMAGE UNIFORME**
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[71] LUMUS LTD., IL
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[54] **ASSOCIATION D'ACCESSOIRES DE DIALYSE A L'AIDE D'UNE COMMUNICATION EN CHAMP PROCHE**
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[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **MODIFICATION DE PROTEINES DE CELLULES HOTES**
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[72] GOREN, MICHAEL, US
[72] CHEN, GANG, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[72] BAGHEL, SUDHIR KUMAR, US
[72] VANDERVEEN, MICHAELA, US
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[71] QUALCOMM INCORPORATED, US
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[54] **COPOLYMERE ACRYLIQUE, HYDROPHOBE, RETICULE, A BASE DE 2-PHENOXY-TETRAETHYLENE-GLYCOL ACRYLATE, POUR LENTILLES INTRAOCULAIRES**
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[71] ACRYLIAN, FR
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[54] **FIBRE-RICH MALTO-OLIGOSACCHARIDES WITH LOW GLUCOSE BIOAVAILABILITY, METHOD OF PRODUCTION THEREOF AND USES OF SAME IN HUMAN AND ANIMAL NUTRITION**
[54] **MALTO-OLIGO-SACCHARIDES RICHES EN FIBRES ET PRESENTANT UNE FAIBLE BIOSDISPONIBILITE EN GLUCOSE, LEUR PROCEDE DE FABRICATION ET LEURS UTILISATIONS EN NUTRITION HUMAINE ET ANIMALE**
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[72] ROTURIER, JEAN-MICHEL, FR
[72] BOIT, BAPTISTE, FR
[72] LANOS, PIERRE, FR
[72] JEROSCH, HEIKE, FR
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[54] **FILTRE RF/CC POUR AMELIORER LA ROBUSTESSE D'UN SPECTROMETRE DE MASSE**
[72] HAGER, JAMES, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[72] SZKLANY, CRAIG R., US
[71] TYCO FIRE & SECURITY GMBH, CH
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[54] **PROCEDE D'AJUSTEMENT DYNAMIQUE DE LA SYNCHRONISATION DE TRANSMISSION DE PAQUETS**
[72] JACOB, JOHN, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **DISPOSITIF GENERATEUR DE SONS D'AVERTISSEMENT TRANSPORTE A LA MAIN**
[72] WARGON, KENNETH, US
[71] WARGON, KENNETH, US
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[25] EN
[54] **DERIVING MOTION INFORMATION FOR SUB-BLOCKS IN VIDEO CODING**
[54] **DERIVATION D'INFORMATIONS DE MOUVEMENT POUR SOUS-BLOCS EN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **PROCEDE DE SOUS-ECHANTILLONNAGE POUR MODE DE PREDICTION DE MODELE LINEAIRE**
[72] ZHANG, LI, US
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **MOTION VECTOR DERIVATION IN VIDEO CODING**
[54] **DERIVATION DE VECTEUR DE MOUVEMENT DANS UN CODAGE VIDEO**
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[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/139,572) 2015-03-27
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[54] **MOTION INFORMATION DERIVATION MODE DETERMINATION IN VIDEO CODING**
[54] **DETERMINATION DE MODE DE DERIVATION D'INFORMATIONS DE MOUVEMENT DANS UN CODAGE VIDEO**
[72] LI, XIANG, US
[72] CHEN, YING, US
[72] ZHANG, LI, US
[72] LIU, HONGBIN, CN
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
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[25] FR
[54] **PROCESS FOR PACKAGING A DIANHYDROHEXITOL, AQUEOUS SOLUTION OF DIANHYDROHEXITOL PACKAGED AND USES THEREOF**
[54] **PROCEDE DE CONDITIONNEMENT D'UN DIANYDROHEXITOL, SOLUTION AQUEUSE DE DIANHYDROHEXITOL CONDITIONNEE ET SES UTILISATIONS**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[72] JOSIEN, EMILIE, FR
[71] ROQUETTE FRERES, FR
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[54] **GUIDANCE SYSTEM AND AUTOMATIC CONTROL FOR VEHICLES**
[54] **SYSTEME DE GUIDAGE ET DE COMMANDE AUTOMATIQUE POUR VEHICULES**
[72] RICCI, FRANCESCO, IT
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[85] 2017-08-16
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[72] HUANG, WENYI, US
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[54] **DISPOSITIF DE TRANSMISSION A GUIDE D'ONDES A PROPAGATION EN MODE NON FONDAMENTAL ET PROCEDES D'UTILISATION ASSOCIES**
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[54] **UTILISATION DES POLYOLS CARBONATES POLYETHERS POUR LA PRODUCTION DE MOUSSES DE POLYURETHANE A COULEUR STABLE**
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[71] COVESTRO DEUTSCHLAND AG, DE
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[54] **COMPOSITION ANTI-AGE COMPRENANT UNE COMBINAISON D'AGENTS ANTIOXYDANTS EN ASSOCIATION AVEC DES BIFIDOBACTERIES ET DES PAROIS CELLULAIRES ISOLEES A PARTIR DE PROBIOTIQUES**
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[72] ADAMS, CHRISTOPHER MICHAEL, US
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[54] **MOUSSES SOUPLES DE POLYURETHANE VISCOELASTIQUES A BASE DE POLYOLS DE POLYETHERCARBONATE**
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[72] RAUWALD, URS, DE
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[54] **COMPOSITION DE POLYAMIDE COMPRENANT DES MICROSPHERES CREUSES DE VERRE ET OBJETS ET PROCEDES ASSOCIES**
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[72] HUNTER, TIMOTHY H., US
[72] STEGEMOELLER, CALVIN L., US
[72] LEWIS, BRYAN JOHN, US
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[72] KUENZLER, GLENN, HOWARD, US
[72] JANSMA, JON, BENNETT, US
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[71] BARDY DIAGNOSTICS, INC., US
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[54] **STABILISATEUR AVEC ELECTRODE MONTEE SUR AILETTE PERMETTANT DE FOURNIR DES SIGNAUX A UNE ANTENNE DE TRAIN DE TIGES DE FORAGE**
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[72] LI, SHUHE, US
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[54] **DISPOSITIFS, SYSTEMES, ET PROCEDES DE GENERATION DE COUPLE A DOUBLE ROTOR**
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[72] DI DECO, LUCA, IT
[71] LORD CORPORATION, US
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[72] NAGALE, SANDRA, US
[72] CLARK, BRYAN, US
[72] HE, DING SHENG, US
[72] SWANSON, LYNNE, US
[72] WERNER, DENNIS, US
[72] HARRAH, TIMOTHY, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2017-09-08
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[54] **FLOW MONITORING TOOL**
[54] **OUTIL DE SURVEILLANCE D'ECOULEMENT**
[72] AL-KHALIFA, MOHAMMED, SA
[72] XIAO, JINJIANG, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-09-08
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[51] **Int.Cl. G01N 15/04 (2006.01)**
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[54] **MUD SETTLEMENT DETECTION TECHNIQUE BY NON-DESTRUCTIVE ULTRASONIC MEASUREMENTS**
[54] **TECHNIQUE DE DETECTION DE DECANTATION DE BOUE AU MOYEN DE MESURES PAR ULTRASONS NON DESTRUCTIVES**
[72] MANDAL, BATAKRISHNA, US
[72] GHOSH, SHUBHAJIT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-11
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[25] EN
[54] **MEASUREMENT-WHILE-DRILLING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESURE EN COURS DE FORAGE**
[72] REN, ZHIGUO, CN
[72] FU, XU, CN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-09-11
[86] 2016-03-09 (PCT/US2016/021424)
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[30] CN (201510101508.5) 2015-03-09

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[54] **LED LAMP WITH INTERNAL MIRROR**
[54] **LAMPE A DEL A SURFACE MIROIR INTERNE**
[72] KNAPP, THOMAS ALEXANDER, US
[72] JANSMA, JON BENNETT, US
[72] ALLEN, GARY ROBERT, US
[72] KUENZLER, GLENN HOWARD, US
[72] ROBERTS, BRUCE RICHARD, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2017-09-11
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[54] **SYSTEM FOR ORTHOPEDIC IMPLANTATION PREPARATION**
[54] **SYSTEME DE PREPARATION D'IMPLANTATION ORTHOPEDIQUE**
[72] DEES, ROGER RYAN, US
[72] YEAGER, JEFFREY N., US
[71] SMITH & NEPHEW, INC., US
[85] 2017-09-11
[86] 2016-05-13 (PCT/US2016/032346)
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[30] US (62/161,024) 2015-05-13

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[25] EN
[54] **HEIGHT-ADJUSTABLE BED**
[54] **LIT REGLABLE EN HAUTEUR**
[72] FELDOTTO, UDO, DE
[71] HERMANN BOCK GMBH, DE
[85] 2017-09-12
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[30] DE (20 2015 101 357.4) 2015-03-17

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[25] FR
[54] **ASSEMBLY FOR PASSING AN ELECTRICAL HARNESS INTO A TURBINE ENGINE**
[54] **ENSEMBLE POUR LE PASSAGE D'UN HARNAIS ELECTRIQUE DANS UNE TURBOMACHINE**
[72] KWAKYE, GEORGE, FR
[72] KIEFFER, BENOIT MARIE BERNARD, FR
[72] MATIAS, ANTONIO, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-09-12
[86] 2016-03-24 (PCT/FR2016/050661)
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[25] EN
[54] **METHODS OF PURIFYING BISPECIFIC ANTIBODIES**
[54] **PROCEDES DE PURIFICATION D'ANTICORPS BISPECIFIQUES**
[72] FOUQUE, NICOLAS, FR
[72] DEPOISIER, JEAN FRANCOIS, FR
[72] WILSON, KEITH, GB
[72] VAJDA, JUDITH, DE
[72] MULLER, EGBERT, DE
[72] DABRE, ROMAIN, DE
[71] NOVIMMUNE SA, CH
[85] 2017-09-12
[86] 2016-03-14 (PCT/EP2016/055474)
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[25] EN
[54] **COMBINED TREATMENT WITH A TLR7 AGONIST AND AN HBV CAPSID ASSEMBLY INHIBITOR**
[54] **TRAITEMENT COMBINE AVEC UN AGONISTE DE TLR7 ET UN INHIBITEUR D'ASSEMBLAGE DE CAPSIDE DU VIRUS DE L'HEPATITE B**
[72] DAI, LUE, CN
[72] GAO, LU, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-09-08
[86] 2016-03-15 (PCT/EP2016/055484)
[87] (WO2016/146598)
[30] CN (PCT/CN2015/074269) 2015-03-16
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[25] EN
[54] **METHOD OF DETECTING NEW IMMUNOGENIC T CELL EPITOPES AND ISOLATING NEW ANTIGEN-SPECIFIC T CELL RECEPTORS BY MEANS OF AN MHC CELL LIBRARY**
[54] **PROCEDE DE DETECTION DE NOUVEAUX EPITOPES DE LYMPHOCYTES T IMMUNOGENES ET ISOLEMENT DE NOUVEAUX RECEPTEURS DE LYMPHOCYTES T SPECIFIQUES D'ANTIGENE AU MOYEN D'UNE BANQUE DE CELLULES DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE (CMH)**
[72] LORENZ, FELIX, DE
[72] UCKERT, WOLFGANG, DE
[72] ELLINGER, CHRISTIAN, DE
[72] SCHENDEL, DOLORES, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
[71] HELMHOLTZ ZENTRUM MUNCHEN DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[85] 2017-09-12
[86] 2016-03-15 (PCT/EP2016/055518)
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[25] EN
[54] **OPTIMIZED LIVER-SPECIFIC EXPRESSION SYSTEMS FOR FVIII AND FIX**
[54] **SYSTEMES D'EXPRESSION SPECIFIQUES DU FOIE OPTIMISES POUR FVIII ET FIX**
[72] CHUAH, MARINEE, BE
[72] VANDENDRIESSCHE, THIERRY, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055825)
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[25] EN
[54] **CYCLOSPORINE FORMULATIONS FOR USE IN THE PREVENTION OR TREATMENT OF PULMONARY CHRONIC GRAFT REJECTION**
[54] **FORMULATIONS DE CYCLOSPORINE DESTINEES A ETRE UTILISEES DANS LA PREVENTION OU LE TRAITEMENT DU REJET CHRONIQUE DE GREFFE PULMONAIRE**
[72] KNOCH, MARTIN, DE
[71] PARI PHARMA GMBH, DE
[85] 2017-09-12
[86] 2016-03-15 (PCT/EP2016/055609)
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[25] EN
[54] **KV1.3 INHIBITORS AND THEIR MEDICAL APPLICATION**
[54] **INHIBITEURS KV1.3 ET APPLICATION MEDICALE CORRESPONDANTE**
[72] TASLER, STEFAN, DE
[72] KRIMMELBEIN, ILGA, DE
[71] 4SC AG, DE
[85] 2017-09-12
[86] 2016-03-14 (PCT/EP2016/055441)
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[25] EN
[54] **IMPACT MODIFIED STYRENIC POLYMERS WITH IMPROVED ENVIRONMENTAL STRESS CRACK RESISTANCE PROPERTIES**
[54] **POLYMERES STYRENIQUES A RESISTANCE AU CHOC MODIFIEE AYANT DES PROPRIETES AMELIOREES DE RESISTANCE A LA CRAQUELURE SOUS CONTRAINTE PROLONGEE**
[72] COCHRAN, THOMAS W., US
[72] MORRIS, JOHN A., US
[71] INEOS STYROLUTION GROUP GMBH, DE
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055775)
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[51] **Int.Cl. C07D 493/04 (2006.01) A61K 31/352 (2006.01) A61K 31/381 (2006.01) A61K 31/424 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **KV1.3 INHIBITORS AND THEIR MEDICAL APPLICATION**
[54] **INHIBITEURS DE KV1.3 ET LEUR APPLICATION MEDICALE**
[72] TASLER, STEFAN, DE
[72] KRIMMELBEIN, ILGA, DE
[72] KRAUS, JURGEN, DE
[72] ZAJA, MIRKO, DE
[71] 4SC AG, DE
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[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE BENZIMIDAZOLE COMME INHIBITEURS DES BROMODOMAINES**
[72] BIT, RINO ANTONIO, GB
[72] BROWN, JOHN ALEXANDER, GB
[72] HUMPHREYS, PHILIP G., GB
[72] JONES, KATHERINE LOUISE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-09-12
[86] 2016-03-17 (PCT/EP2016/055792)
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[51] **Int.Cl. C22C 29/06 (2006.01) B22F 5/00 (2006.01) C22C 29/08 (2006.01) E21B 10/56 (2006.01)**
[25] EN
[54] **A ROCK DRILL BUTTON**
[54] **PICOT DE TREPAN**
[72] NORDGREN, ANDERS, SE
[72] NORGREN, SUSANNE, SE
[72] EKMARKER, ANNA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PANCREATIC CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER DANS L'IMMUNOTHERAPIE DU CANCER DU PANCREAS ET D'AUTRES CANCERS**
[72] WEINSCHENK, TONI, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[72] MAHR, ANDREA, DE
[72] OTT, MARTINA, DE
[72] WAGNER, CLAUDIA, DE
[72] SCHOOR, OLIVER, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[30] GB (1504502.4) 2015-03-17
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[54] **EXPANSION ANCHOR**
[54] **ELEMENT D'ANCRAGE A EXPANSION**
[72] GSTACH, PETER, LI
[72] WINKLER, BERNHARD, AT
[72] SCHOLZ, PATRICK, CH
[72] SPAMPATTI, MATTEO, CH
[72] SPROEWITZ, MICHAEL, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
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[30] EP (15161414.6) 2015-03-27

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[25] EN
[54] **A METHOD OF PRODUCING A TUBE OF A DUPLEX STAINLESS STEEL**
[54] **PROCEDE DE PRODUCTION D'UN TUBE D'UN ACIER INOXYDABLE DUPLEX**
[72] PONSILUOMA, JARI, SE
[72] HINDRUM, MARIA, SE
[72] EIDHAGEN, JOSEFIN, SE
[72] PERSSON, KATARINA, SE
[72] JONES, RUSSELL P., US
[72] LARSSON, ASA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[86] 2016-04-08 (PCT/EP2016/057831)
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[30] EP (15163187.6) 2015-04-10

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[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/119 (2006.01)**
[25] EN
[54] **PERFORATING GUN ASSEMBLY AND METHOD OF FORMING WELLBORE PERFORATIONS**
[54] **ENSEMBLE PERFORATEUR ET PROCEDE DE FORMATION DE PERFORATIONS DE TROU DE FORAGE**
[72] ALLISON, SIMON DOUGLAS EARDLY, GB
[72] LOHKEN, JORN OLAF, DE
[72] MCNELIS, LIAM, DE
[71] DELPHIAN BALLISTICS LIMITED, GB
[85] 2017-09-12
[86] 2015-06-16 (PCT/GB2015/051761)
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[30] GB (1411080.3) 2014-06-20
[30] GB (1411841.8) 2014-07-02

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[51] **Int.Cl. F16D 1/08 (2006.01) E21B 4/02 (2006.01) E21B 17/03 (2006.01) F16D 3/02 (2006.01)**
[25] EN
[54] **COUPLING MECHANISM FOR DRIVESHAFT TRANSMISSION ASSEMBLY**
[54] **MECANISME D'ACCOUPLEMENT POUR ENSEMBLE DE TRANSMISSION D'ARBRE D'ENTRAINEMENT**
[72] PARK, STEVEN W., CA
[72] SAMUEL, GEOFFREY A., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-12
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[51] **Int.Cl. F16K 5/06 (2006.01) E21B 34/06 (2006.01) F16K 5/08 (2006.01) F16K 5/20 (2006.01)**
[25] EN
[54] **BALL AND SEAT VALVE FOR HIGH TEMPERATURE AND PRESSURE APPLICATIONS**
[54] **SOUPAPE A BILLE ET SIEGE POUR DES APPLICATIONS A HAUTES TEMPERATURE ET PRESSION**
[72] NAPIER, RORY ARCHIBALD, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **EXTERNALLY PRESSURIZED POROUS MEDIA GAS BEARING FOR USE IN VALVES AND PREVENTING FUGITIVE EMISSIONS OF THE SAME**
[54] **PALIER A GAZ A MILIEUX POREUX PRESSURISE EXTERIEUREMENT A UTILISER DANS DES VANNES ET POUR EMPECHER DES EMISSIONS FUGITIVES DE CELLES-CI**
[72] DEVITT, ANDREW, US
[72] POLLICK, RICHARD, US
[71] NEW WAY MACHINE COMPONENTS, INC., US
[85] 2017-09-12
[86] 2016-03-14 (PCT/US2016/022347)
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[30] US (62/132,719) 2015-03-13

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[51] **Int.Cl. F16K 3/12 (2006.01) F16K 3/30 (2006.01) F16K 31/50 (2006.01) F16K 41/14 (2006.01)**
[25] EN
[54] **A VALVE**
[54] **VANNE**
[72] FREUDENDAHL, ERLING ARNUM, DK
[71] AVK HOLDING A/S, DK
[85] 2017-09-13
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[51] **Int.Cl. C08G 75/14 (2006.01) A61F 2/02 (2006.01) C08F 38/00 (2006.01) C08G 18/00 (2006.01) C08J 3/00 (2006.01) C08L 101/16 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION SUITABLE FOR PRINTING AND PRINTING METHOD UTILIZING THE SAME**
[54] **COMPOSITION DE RESINE APPROPRIEE POUR L'IMPRESSION ET PROCEDE D'IMPRESSION FAISANT APPEL A CELLE-CI**
[72] OESTERREICHER, ANDREAS, AT
[72] GRIESSER, THOMAS, AT
[72] EDLER, MATTHIAS, AT
[72] MOSTEGEL, FLORIAN, AT
[72] GASSNER, MARTINA, AT
[72] ROTH, MEINHART, AT
[72] BILLIANI, JANINE, AT
[71] MONTANUNIVERSITAT LEOBEN, AT
[85] 2017-09-13
[86] 2015-04-14 (PCT/EP2015/058082)
[87] (WO2015/158718)
[30] GB (1406683.1) 2014-04-14

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[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **A PEPTIDE OR COLLECTION OF PEPTIDES DERIVED FROM AMYLOID PRECURSOR PROTEIN**
[54] **PEPTIDE OU COLLECTION DE PEPTIDES DERIVES DE LA PROTEINE PRECURSEUR DE L'AMYLOIDE**
[72] WILLEM, MICHAEL, DE
[72] HAASS, CHRISTIAN, DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
[71] DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN E. V., DE
[85] 2017-09-13
[86] 2016-03-10 (PCT/EP2016/055081)
[87] (WO2016/146462)
[30] EP (15159877.8) 2015-03-19

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[13] A1
[51] **Int.Cl. F16F 1/12 (2006.01) F16L 3/205 (2006.01)**
[25] EN
[54] **SPRING CARRIER**
[54] **SUPPORT A RESSORT**
[72] BERNERT, JORG, DE
[72] HEINRICHS, EKKEHARD, DE
[72] RADTKE, ARNOLD, DE
[71] LISEGA SE, DE
[85] 2017-09-13
[86] 2016-03-11 (PCT/EP2016/055272)
[87] (WO2016/146517)
[30] DE (10 2015 103 716.5) 2015-03-13

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[13] A1
[51] **Int.Cl. C12P 7/52 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING PROPIONATE PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PRODUITS DE PROPIONATE**
[72] VISSER, DIANA, NL
[72] MEIJER, JASPER, NL
[72] SOARES MENDES, FILIPA CRISTINA, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-09-13
[86] 2016-03-17 (PCT/EP2016/055753)
[87] (WO2016/146721)
[30] EP (15159568.3) 2015-03-18

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[13] A1
[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING FURAN-2,5-DICARBOXYLIC ACID (FDCA) FROM A SOLID SALT**
[54] **PROCEDE DE FABRICATION D'ACIDE FURANE-2,5-DICARBOXYLIQUE (FDCA) A PARTIR D'UN SEL SOLIDE**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-09-13
[86] 2016-03-17 (PCT/EP2016/055818)
[87] (WO2016/146752)
[30] EP (15159401.7) 2015-03-17

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[25] EN
[54] **APPARATUS AND METHOD FOR CONTINUOUS PRODUCTION OF POLYETHYLENE GLYCOL DINITRATE**
[54] **APPAREIL ET PROCEDE DE PRODUCTION CONTINUE DE DINITRATE DE POLYETHYLENE GLYCOL**
[72] JENNINGS, JAMES ROBERT, GB
[72] SHORT, GLYN DAVID, US
[71] AVOCET INFINITE PLC., GB
[85] 2017-09-13
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[25] EN
[54] **METHOD FOR MANUFACTURING FURAN-2,5-DICARBOXYLIC ACID (FDCA) FROM A SALT SOLUTION**
[54] **PROCEDE DE PRODUCTION D'ACIDE FURANNE-2,5-DICARBOXYLIQUE (FDCA) A PARTIR D'UNE SOLUTION DE SEL**
[72] VAN KRIEKEN, JAN, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-09-13
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[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A VALVE FOR A GAS CYLINDER**
[54] **VALVE POUR BOUTEILLE A GAZ**
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] RHODES, ANDY, GB
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[30] GB (1504451.4) 2015-03-17

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[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A VALVE FOR A GAS CYLINDER**
[54] **SOUPAPE POUR BOUTEILLE DE GAZ**
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] RHODES, ANDY, GB
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-09-13
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[25] EN
[54] **OPTICAL SYSTEM FOR SHAPING THE WAVEFRONT OF THE ELECTRIC FIELD OF AN INPUT LIGHT BEAM**
[54] **SYSTEME OPTIQUE PERMETTANT DE METTRE EN FORME LE FRONT D'ONDE DU CHAMP ELECTRIQUE D'UN FAISCEAU LUMINEUX D'ENTREE**
[72] HERNANDEZ-CUBERO, OSCAR, FR
[72] PAPAGIAKOUMOU, EIRINI, FR
[72] VALENTINA, EMILIANI, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[51] **Int.Cl. F17C 13/02 (2006.01)**
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[54] **A METHOD OF TRANSMITTING CYLINDER DATA**
[54] **PROCEDE DE TRANSMISSION DE DONNEES DE BOUTEILLE**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[86] 2016-03-17 (PCT/EP2016/055888)
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[25] EN
[54] **DEAMINATION OF ORGANOPHOSPHORUS-NUCLEOSIDES**
[54] **DESAMINATION DE NUCLEOSIDES ORGANOPHOSPHORES**
[72] PEREZ OZCARIZ, SERGIO, ES
[72] PASCUAL GILABERT, MARTA, ES
[72] ALONSO FERNANDEZ, JAVIER, ES
[72] LOPEZ GOMEZ, CRISTINA, ES
[72] FERNANDEZ FERNANDEZ, CARMEN MARIA, ES
[72] CASTELLS BOLIART, JOSEP, ES
[71] INSTITUT UNIV. DE CIENCIA I TECNOLOGIA, S.A., ES
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[25] EN
[54] **NOVEL TREATMENT METHOD**
[54] **NOUVEAU PROCEDE DE TRAITEMENT**
[72] ERICSSON, PETER, SE
[72] HEDBYS, LARS, SE
[72] SALFORD, LEIF, SE
[72] SJOGREN, HANS-OLOV, SE
[71] IDOGEN AB, SE
[85] 2017-09-13
[86] 2016-03-18 (PCT/EP2016/056050)
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[30] GB (1504701.2) 2015-03-19

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[51] **Int.Cl. H04S 5/00 (2006.01) H04S 5/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING STEREO SIGNALS FOR REPRODUCTION IN CARS TO ACHIEVE INDIVIDUAL THREE-DIMENSIONAL SOUND BY FRONTAL LOUDSPEAKERS**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAUX STEREO DEVANT ETRE LUS DANS DES VOITURES DE SORTE A OBTENIR UN SON TRIDIMENSIONNEL DELIVRE PAR DES HAUT-PARLEURS FRONTAUX**
[72] HESS, WOLFGANG, DE
[72] HELLMUTH, OLIVER, DE
[72] VARGA, STEFAN, DE
[72] HABETS, EMANUEL, DE
[72] PLOGSTIES, JAN, DE
[72] HERRE, JUERGEN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-09-13
[86] 2016-03-24 (PCT/EP2016/056618)
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[30] EP (15161402.1) 2015-03-27

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[51] **Int.Cl. B27N 3/14 (2006.01) E04C 2/16 (2006.01)**
[25] EN
[54] **SCATTERING HEAD, PROCESS AND PANEL**
[54] **TETE D'EPANDAGE, PROCEDE ET PANNEAU**
[72] NIJSSE, JEROEN, NL
[71] MAYFAIR VERMOGENSVERWALTUNGS SE, DE
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[30] DE (10 2015 206 469.7) 2015-04-10
[30] DE (10 2015 209 759.5) 2015-05-28

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[51] **Int.Cl. H03F 1/02 (2006.01) H03F 3/217 (2006.01)**
[25] EN
[54] **METHOD OF AMPLIFYING AN INPUT SIGNAL**
[54] **PROCEDE D'AMPLIFICATION D'UN SIGNAL D'ENTREE**
[72] NGUYEN, HUNG-ANH, DE
[72] KEUSGEN, WILHELM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTENNA PANE**
[54] **VITRE A ANTENNE**
[72] DROSTE, STEFAN, DE
[72] STELLING, BERND, DE
[72] FRANCOIS, GUILLAUME, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-09-13
[86] 2016-03-30 (PCT/EP2016/056975)
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[13] A1
[51] **Int.Cl. C07K 14/475 (2006.01) A61K 38/00 (2006.01) C07K 14/47 (2006.01) C07K 14/765 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **DESIGNED ANKYRIN REPEAT DOMAINS WITH BINDING SPECIFICITY FOR SERUM ALBUMIN**
[54] **DOMAINES DE REPETITION D'ANKYRINE ARTIFICIELS AYANT UNE SPECIFICITE DE LIAISON POUR L'ALBUMINE SERIQUE**
[72] BAKKER, TALITHA, CH
[72] STUMPP, MICHAEL T., CH
[72] BINZ, HANS KASPAR, CH
[72] PHILLIPS, DOUGLAS, CH
[72] DOLADO, IGNACIO, CH
[72] FORRER, PATRIK, CH
[72] MERZ, FRIEDER W., DE
[72] SONDEREGGER, IVO, CH
[72] STEINER, DANIEL, CH
[72] GULOTTI-GEORGIEVA, MAYA, CH
[72] ABRAM SALIBA, JOHAN, CH
[71] MOLECULAR PARTNERS AG, CH
[85] 2017-09-13
[86] 2016-04-01 (PCT/EP2016/057272)
[87] (WO2016/156596)
[30] EP (15162502.7) 2015-04-02
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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A SHUT-OFF VALVE**
[54] **VALVE D'ARRET**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-09-13
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[30] GB (1504462.1) 2015-03-17

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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **VEHICLE ANTENNA PANE**
[54] **VITRAGE A ANTENNE POUR VEHICULE**
[72] DROSTE, STEFAN, DE
[72] STELLING, BERND, DE
[72] FRANCOIS, GUILLAUME, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-09-13
[86] 2016-03-30 (PCT/EP2016/056974)
[87] (WO2016/162251)
[30] EP (15162763.5) 2015-04-08

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[13] A1
[51] **Int.Cl. A61K 8/97 (2017.01) A23L 33/105 (2016.01) A61K 36/00 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING AN EXTRACT OF A MATRIX OF VEGETABLE ORIGIN BY EXTRUSION WITH A HYDROTROPE SOLUTION**
[54] **PROCEDE DE PREPARATION D'UN EXTRAIT DE MATRICE VEGETALE PAR EXTRUSION AVEC UNE SOLUTION HYDROTROPIQUE**
[72] MANDEAU, ANNE, FR
[72] LETI, MATHIEU, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2017-09-12
[86] 2016-03-18 (PCT/EP2016/056039)
[87] (WO2016/146838)
[30] FR (1552249) 2015-03-18

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[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **VENTILATED FACADE**
[54] **FACADE VENTILEE**
[72] FERNANDEZ FERNANDEZ, JAVIER, ES
[71] CUPA INNOVACION S.L.U., ES
[85] 2017-09-13
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[30] ES (P201530505) 2015-04-15

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[51] **Int.Cl. B23C 5/10 (2006.01) A61B 17/16 (2006.01) A61C 3/02 (2006.01)**
[25] EN
[54] **CUTTING INSTRUMENT, IN PARTICULAR A DENTAL CUTTING INSTRUMENT**
[54] **INSTRUMENT DE COUPE, EN PARTICULIER INSTRUMENT DE COUPE DENTAIRE**
[72] DELVAL, ALAIN, CH
[71] DENTSPLY SIRONA INC., US
[85] 2017-09-13
[86] 2016-04-11 (PCT/IB2016/052039)
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[30] EP (15163782.4) 2015-04-16

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[13] A1
[51] **Int.Cl. E21B 34/16 (2006.01) E21B 4/02 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **REMOTE HYDRAULIC CONTROL OF DOWNHOLE TOOLS**
[54] **COMMANDE HYDRAULIQUE A DISTANCE D'OUTILS DE FOND DE TROU**
[72] EVANS, BENJAMIN, BE
[72] ROCHE, OLIVIER CHRISTOPHE, BE
[72] LASSOIE, JEAN-PIERRE, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
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[13] A1
[51] **Int.Cl. C09K 8/528 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR REMOVING IRON SULFIDE SCALE FROM OILFIELD COMPONENTS USING METHYL ACRYLATE**
[54] **COMPOSITIONS, SYSTEMES, ET PROCEDES D'ELIMINATION DES DEPOTS DE SULFURE DE FER DES COMPOSANTS DE CHAMPS PETROLIFERES A L'AIDE D'ACRYLATE DE METHYLE**
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] ZHAO, FUNIAN, US
[72] SHI, LIU, US
[72] HOPPE, RONALD LARRY, CA
[72] QU, LIANGWEI, US
[72] FAN, CHUNFANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
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[13] A1
[51] **Int.Cl. E21B 47/092 (2012.01) E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **MAGNETIC RANGING USING MULTIPLE DOWNHOLE ELECTRODES**
[54] **TELEMETRIE MAGNETIQUE UTILISANT DE MULTIPLES ELECTRODES DE FOND DE TROU**
[72] AHMADI KALATEH AHMAD, AKRAM, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
[86] 2015-04-23 (PCT/US2015/027373)
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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **HEMOSTATIC DEVICE AND ITS METHODS OF USE**
[54] **DISPOSITIF HEMOSTATIQUE ET SES PROCEDES D'UTILISATION**
[72] PHILLIPS, VICTOR MATTHEW, US
[72] REBH, JR., WILLIAM ROBERT, US
[71] PHILLIPS MEDICAL, LLC, US
[85] 2017-09-13
[86] 2015-07-13 (PCT/US2015/040116)
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[30] US (14/708,943) 2015-05-11

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[13] A1
[51] **Int.Cl. B21D 22/28 (2006.01) B21D 22/20 (2006.01)**
[25] EN
[54] **FORMED MATERIAL MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION DE MATERIAU FORME**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-09-13
[86] 2016-03-15 (PCT/JP2016/058136)
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[30] JP (2015-070609) 2015-03-31

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/54 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **TATTOO ENHANCEMENT PROCEDURE**
[54] **PROCEDURE POUR AMELIORER UN TATOUAGE**
[72] WALKER, DOUGLAS W., US
[72] ACOSTA, BRENDA A., US
[72] HUBBLE, JOHN, US
[71] ALTAIR INSTRUMENTS, INC., US
[85] 2017-09-13
[86] 2016-03-31 (PCT/US2016/025340)
[87] (WO2016/161156)
[30] US (62/141,709) 2015-04-01
[30] US (15/085,915) 2016-03-30

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[13] A1
[51] **Int.Cl. F16B 4/00 (2006.01) F16B 1/00 (2006.01) F16D 1/00 (2006.01) F16D 1/08 (2006.01)**
[25] EN
[54] **REVERSIBLE CONNECTION OF MACHINE COMPONENTS**
[54] **RACCORDEMENT REVERSIBLE DE COMPOSANTS MECANIQUES**
[72] MITSCH, FRANZ, DE
[72] HEINZ, FRANK, DE
[71] ESM ENERGIE- UND SCHWINGUNGSTECHNIK MITSCH GMBH, DE
[85] 2017-09-14
[86] 2016-03-29 (PCT/EP2016/000524)
[87] (WO2016/162111)
[30] EP (15000975.1) 2015-04-04

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[13] A1
[51] **Int.Cl. E06B 3/54 (2006.01) E06B 3/56 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BLOCK ELEMENTS OF WINDOWS**
[54] **PROCEDE DE FABRICATION DE BLOCS-FENETRES**
[72] BRUDERER, BEAT, CH
[72] STEINER, PATRICK, CH
[72] BRANDMAIR, ANTON, CH
[71] NOLAX AG, CH
[85] 2017-09-14
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[87] (WO2016/162154)
[30] EP (15162815.3) 2015-04-08

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[51] **Int.Cl. C07D 271/113 (2006.01) A01N 43/26 (2006.01)**
[25] EN
[54] **SALTS OF N-(1,3,4-OXADIAZOL-2-YL) ARYL CARBOXYLIC ACID AMIDES AND THE USE OF SAME AS HERBICIDES**
[54] **SELS D'AMIDES D'ACIDE ARYLCARBOXYLIQUE N-(1,3,4-OXADIAZOL-2-YL) ET LEUR UTILISATION COMME HERBICIDES**
[72] KOHN, ARNIM, DE
[72] BRAUN, RALF, DE
[72] AHRENS, HARTMUT, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] HEINEMANN, INES, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPSCIENCE AKTIENGELSELLSCHAFT, DE
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[86] 2016-03-14 (PCT/EP2016/055396)
[87] (WO2016/146561)
[30] EP (15159483.5) 2015-03-17

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[13] A1
[51] **Int.Cl. C07K 14/81 (2006.01) C12N 15/15 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSIS AND TREATMENT OF CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER**
[72] SAHIN, UGUR, DE
[72] WUSTEHUBE-LAUSCH, JOYCELYN, DE
[72] FIEDLER, MARKUS, DE
[72] DANESCHDAR, MATIN, DE
[72] SCHMOLDT, HANS-ULRICH, DE
[71] BIONTECH AG, DE
[85] 2017-09-14
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[87] (WO2016/146639)
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[13] A1
[51] **Int.Cl. B05C 1/08 (2006.01) B05C 1/16 (2006.01) B05C 5/02 (2006.01) B05C 11/02 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLYING A HOT-MELT TO A WEB OF MATERIAL**
[54] **DISPOSITIF POUR APPLIQUER UNE MASSE FONDUE A CHAUD SUR UNE BANDE DE MATERIAU**
[72] JANSEN, ANDREAS WILLIBRORDUS MARIA, NL
[72] JANSEN, SJOERD MARIA, NL
[71] MAAN RESEARCH & DEVELOPMENT B.V., NL
[85] 2017-09-14
[86] 2016-03-16 (PCT/EP2016/055658)
[87] (WO2016/146668)
[30] EP (15159322.5) 2015-03-17

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[13] A1
[51] **Int.Cl. B01D 53/50 (2006.01)**
[25] EN
[54] **SYSTEM FOR SULPHUR REMOVAL FROM A FLUE GAS**
[54] **SYSTEME POUR L'ELIMINATION DE SOUFRE D'UN GAZ DE CARNEAU**
[72] CRESPI, MARIO, IT
[72] FERRARIO, CARLO, IT
[72] PALINI, ELISABETTA, IT
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-09-14
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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **ASSAYS FOR RECOMBINANT EXPRESSION SYSTEMS**
[54] **DOSAGES POUR SYSTEMES D'EXPRESSION DE RECOMBINAISON**
[72] SCHOLTEN, ARJEN, NL
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[54] **DISPOSITIF ET SYSTEME DE FIXATION D'UNE VERTEBRE RACHIDIENNE SUR UNE TIGE**
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[72] PASQUET, DENIS, FR
[71] IMPLANET, FR
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[54] **ISOLATED PEPTIDES AND FRAGMENTS THEREOF FROM FIBRINOGEN FOR USE AS DRUGS, PARTICULARLY IN SKIN INFLAMMATORY DISEASES**
[54] **PEPTIDES ET FRAGMENTS DE CEUX-CI ISOLES A PARTIR DE FIBRINOGENE POUR UTILISATION EN TANT QUE MEDICAMENTS, EN PARTICULIER DANS DES MALADIES INFLAMMATOIRES CUTANEES**
[72] DUPIN, NICOLAS, FR
[72] GRANGE, PHILIPPE, FR
[72] CALVEZ, VINCENT, FR
[72] RAINGEAUD, JOEL, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS-SUD 11, FR
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[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[54] **PROCEDE ET DISPOSITIF DE COMMANDE DE REACTION**
[72] DUBOIS, MICHEL, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
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[54] **ANCRAGES TISSULAIRES ET REPARATION DE VALVE TRICUSPIDE PERCUTANEE UTILISANT UN ANCRAGE TISSULAIRE**
[72] CAHALANE, STEVEN, US
[72] ROBINSON, JASON, US
[72] HOUSE, MORGAN, US
[71] MITRALIGN, INC., US
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[72] HELFER, MARKUS, DE
[72] ROSNER, MANFRED, DE
[72] SCHNEIDER, MARTHA, DE
[72] PROTZER, ULRIKE, DE
[72] HERTWECK, CHRISTIAN, DE
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[54] **ENSEMBLE ET PROCEDE POUR MESURE DYNAMIQUE DE CHARGE INDUITE PAR LA HOULE**
[72] SMITH, LOGAN, US
[71] FRANK'S INTERNATIONAL, LLC, US
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[72] SMITH, PAUL, US
[72] MICHAEL, CHRISTOPHER, US
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[54] **ARTICULATING SUPPORT ARM WITH IMPROVED TILTER AND FRICTION JOINT**
[54] **BRAS DE SUPPORT ARTICULE A ARTICULATION A BASCULEMENT ET FROTTEMENT AMELIOREE**
[72] BOWMAN, STEPHEN J., US
[72] HOCHBERG, CARL J., US
[72] SMITH, MICHAEL P., US
[72] LAM, MICKEY, US
[71] INNOVATIVE OFFICE PRODUCTS, LLC, US
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[54] **MONTURE D'ADAPTATEUR D'ECRAN DE CIBLAGE DE LUNETTE DE VISEE POUR ARME D'EPAULE**
[72] MARYFIELD, TONY, US
[72] DADKHAH, MAHYAR, US
[72] CUGNETTI, CHRISTIAN, US
[71] CUBIC CORPORATION, US
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[54] **METHODS AND SYSTEMS FOR ANALYZING GLUCOSE DATA MEASURED FROM A PERSON HAVING DIABETES**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE DONNEES GLYCEMIQUES MESUREES SUR UNE PERSONNE DIABETIQUE**
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[72] GREENBURG, ALAN, US
[72] DUKE, DAVID L., US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ELEMENT DE TRAIN DE TIGES DE FORAGE**
[72] GERHARDT, TOBIAS, DE
[72] LUBBERGER, MICHAEL, DE
[72] ENGEL, TOBIAS, DE
[71] HERRENKNECHT AG, DE
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[54] **REDUCTEUR POUR BROYEUR A AGITATION, BROYEUR ET UTILISATION CORRESPONDANTS**
[72] LESSARD, FABRICE, FR
[71] COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND, FR
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[54] **ENTRAINEMENT DE BROYEUR AGITATEUR VERTICAL**
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[71] COMPAGNIE ENGRENAGES ET REDUCTEURS - MESSIAN - DURAND, FR
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[54] **CATHETER A BALLONNET POUR BLOCS NERVEUX CONTINUS**
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[71] RIGSHOSPITALET COPENHAGEN UNIVERSITY HOSPITAL, DK
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[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ISOXAFLUTOLE ET DU DIFLUFENICAN**
[72] BAGWELL, RALPH, US
[72] TOSSENS, HERVE, BE
[72] HILLS, MARTIN JEFFREY, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **ACIER POUR FORMAGE A CHAUD**
[72] HANLON, DAVID NEAL, NL
[72] HENSEN, GUIDO CORNELIS, NL
[72] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, NL
[71] TATA STEEL IJMUIDEN B.V., NL
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[54] **SUBSTITUTED N-BICYCLO-2-ARYL-QUINOLIN-4-CARBOXAMIDES AND USE THEREOF**
[54] **N-BICYCLO-2-ARYLCHINOLINO-4-CARBOXAMIDES SUBSTITUES ET LEUR UTILISATION**
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[72] THALER, TOBIAS, DE
[72] KAST, RAIMUND, DE
[72] MEININGHAUS, MARK, DE
[72] TERJUNG, CARSTEN, DE
[72] MUENSTER, UWE, DE
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT THERMIQUE DE TOLES**
[72] SANCHO DIAZ, PAULA, ES
[72] DIAZ ROZO, JAVIER, ES
[72] DOMINGUEZ COBREROS, JESUS, ES
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[54] **SILANES ET COMPOSITIONS DURCISSABLES CONTENANT CES SILANES EN TANT QUE RETICULANTS**
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[72] KLEIN, JOHANN, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **COMPOSITIONS DE SILICONE DURCISSABLES**
[72] GUTACKER, ANDREA, DE
[72] KLEIN, JOHANN, DE
[72] BOUDET, HELENE, DE
[72] DURACU, ADRIAN, DE
[72] KAPUSTA, SEBASTIAN, DE
[71] HENKEL AG & CO. KGAA, DE
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[72] BOER, VIKTOR MARIUS, NL
[72] VAN LEEUWEN, JOHANNES GUSTAAF ERNST, NL
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[72] KOLEN, CATHARINA PETRONELLA ANTONIA MARIA, NL
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[54] **SELECTION ET CONTROLE QUALITE AUTOMATISES**
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[72] VERBOVEN, PIETER, BE
[72] NICOLAI, BART, BE
[72] DHAENE, JELLE, BE
[72] VAN HOOREBEKE, LUC, BE
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[54] **SELF-REPAIRING AND SELF-SEALING WATERPROOF MEMBRANE, FOR INSULATING BUILT STRUCTURES SUBJECTED TO HYDROSTATIC PRESSURE**
[54] **MEMBRANE AUTOREPARABLE ET AUTO-OBTURANTE ETANCHE A L'EAU, SERVANT A ISOLER DES STRUCTURES BATIES SOUMISES A UNE PRESSION HYDROSTATIQUE**
[72] GUDERZO, MARCO, IT
[71] VOLTECO S.P.A., IT
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[54] **OXO-PYRIDINE-DERIVATIVES AS FACTOR XIA INHIBITORS FOR THE TREATMENT OF THROMBOSIS**
[54] **DERIVES D'OXOPYRIDINE COMME INHIBITEURS DU FACTEUR XIA POUR LE TRAITEMENT DE LA THROMBOSE**
[72] ROHRIG, SUSANNE, DE
[72] TELLER, HENRIK, DE
[72] HEITMEIER, STEFAN, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] STAMPFUSS, JAN, DE
[72] HILLISCH, ALEXANDER, DE
[72] TERSTEEGEN, ADRIAN, DE
[72] JIMENEZ NUNEZ, ELOISA, DE
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[54] **COMPOSITIONS COMPRENANT LA DIHYDROQUERCETINE POUR UNE UTILISATION DANS DES METHODES DE TRAITEMENT DE L'HERPES**
[72] AUCLAIR, CHRISTIAN, FR
[71] BIONOOX SUISSE SA, CH
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[54] **MEMBRANE DE NANOFIBRES DE CELLULOSE, SA PREPARATION ET SON UTILISATION**
[72] MIHRANYAN, ALBERT, SE
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[51] **Int.Cl. G08G 1/14 (2006.01)**
[25] EN
[54] **METHOD AND PARKING SYSTEM FOR SUPPORTED PARKING OF PLACEMENT VEHICLES**
[54] **PROCEDE ET SYSTEME DE STATIONNEMENT PERMETTANT DE GARER DE MANIERE ASSISTEE DES VEHICULES A L'ARRET**
[72] JELL, THOMAS, DE
[72] RAPOLD, HAUKE THOMAS, DE
[72] ZWICK, MARCUS, DE
[72] HETZ, JULIA, DE
[72] MOGRE, PARAG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **ANALOGUES D'AMYLINE**
[72] JUST, RASMUS, DK
[72] DEMMER, OLIVER, DK
[72] GIEHM, LISE, DK
[72] VILLADSEN, JESPER SLOTH, DK
[72] MUNCH, HENRIK KOFOED, DK
[72] SKARBALIENE, JOLANTA, DK
[72] DERYABINA, MARIA ALEXANDROVNA, DK
[72] HAMPRECHT, DIETER WOLFGANG, DE
[72] MATHIESEN, JESPER MOSOLFF, DK
[71] ZEALAND PHARMA A/S, DK
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[51] **Int.Cl. F02C 7/36 (2006.01) F02C 7/32 (2006.01) F16H 1/22 (2006.01) F16H 37/06 (2006.01)**
[25] FR
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[54] **BOITE A ENGRENAGES COMPORTANT UN REDUCTEUR AMELIORE**
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[54] **PROCEDE DE METHANOGENESE HYDROGENOTROPHE DE H2 ET DE CO2 EN CH4**
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[72] BAUER, STEPHAN, AT
[72] LOIBNER, ANDREAS P., AT
[72] SCHRITTER, JOHANNA, AT
[72] GUBIK, ALEXANDER, AT
[72] BACKES, DIANA, AT
[72] PICHLER, MARKUS, AT
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[72] BRANDSTATTER-SCHERR, KERSTIN, AT
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[72] PASQUET, DENIS, FR
[71] IMPLANET, FR
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[72] BEEKWILDER, MARTINUS JULIUS, NL
[72] BOER, VIKTOR MARIUS, NL
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[72] FISCHER, KAI JURGEN, NL
[72] BUS, KARIN, NL
[72] DE VILLIERS, WALDO EUGENE, US
[72] PEREZ GOLF, CARMELO, NL
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[54] **DISPOSITIF ET PROCEDE DE STERILISATION D'UNE TOILETTE**
[72] BECERRIL RUIZ, JOSE LUIS, ES
[72] HERNANDEZ DIAZ, DAVID, ES
[72] MARTOS FERREIRA, DAVID, ES
[71] AERO ENGINEERING, S.L., ES
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[54] **BLOC-BATTERIE DE VEHICULE ELECTRIQUE, CHASSIS DE VEHICULE ELECTRIQUE ET PROCEDE POUR REMPLACER DES MODULES DE BATTERIE**
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[71] THUNDER POWER NEW ENERGY VEHICLE DEVELOPMENT COMPANY LIMITED, CN
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[54] **FILTRE DE HOTTE MULTI-ETAGE**
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[71] CUSTOMIZED ENERGY SOLUTIONS, LTD., US
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[54] **AMUSEMENT RIDE WITH BOOSTER DRIVES**
[54] **MANEGE COMPORTANT DES ENTRAINEMENTS DE PROPULSEUR**
[72] ROODENBURG, HENDRIK FICUS, NL
[72] THISSEN, MATTHEUS HENDRIK LOUIS, NL
[72] JANSSEN, KOEN, BE
[72] VAN OOSTERHOUT, PETRUS HENRICUS JOSEPHUS, NL
[71] VEKOMA RIDES ENGINEERING B.V., NL
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[54] **PRESSURE DIFFERENTIAL PROOFING METHOD FOR PNEUMATIC CONVEYING**
[54] **PROCEDE D'EPREUVE DIFFERENTIELLE DE PRESSION POUR TRANSPORT PNEUMATIQUE**
[72] KELLY, RAYMOND BURTEEN, US
[72] SALAMONY, KEITH J., US
[72] BREWSTER, DOUGLAS E., US
[72] CRISWELL, ROBERT G., US
[72] BICKEL, JEFFREY, US
[72] RICKERT, JEFFREY S., US
[72] WIDDOWSON, STEVEN G., US
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[54] **MECANISME DE DEVERROUILLAGE D'UN PANIER INFERIEUR D'UN LAVE-VAISSELLE VERROUILLE A UNE POSITION SUPERIEURE**
[72] ROOS, MATTEUS, SE
[72] KALLBERG, PER, SE
[72] JOSEFSSON, ERIK, SE
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[54] **PROCEDES ET COMPOSITIONS IMPLIQUANT DES DOMAINES TRANSMEMBRANAIRES ET EN SUPERHELICE 3 (TMCO3) DANS UN CANCER**
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[72] SHIGEYASU, KUNITOSHI, US
[71] BAYLOR RESEARCH INSTITUTE, US
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[54] **DETECTION DE PREMIER PLAN A L'AIDE DE MESURES DE DIMENSIONS FRACTALES**
[72] RABURN, DANIEL LOUIS, US
[72] RATNER, EDWARD, US
[71] LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC, US
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[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
[71] ENSCO INTERNATIONAL INCORPORATED, US
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[54] **MATERIAUX D'INTERFACE THERMIQUE SOUPLES ET CONFORMES PRESENTANT DES CONDUCTIVITES THERMIQUES ULTRA-ELEVEES**
[72] TEIPEL, BLAKE, US
[72] AKBULUT, MUSTAFA, US
[72] YEGIN, CENGIZ, US
[72] NAGABANDI, NIRUP K., US
[71] TEIPEL, BLAKE, US
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[71] NAGABANDI, NIRUP K., US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
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[54] **FILM POUR THERMOFORMAGE**
[72] OUNINKORPI, TIMO, FI
[72] KETTUNEN, MIKKO, FI
[71] WIHURI PACKAGING OY, FI
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[54] **FITMENT SPLASH GUARD**
[54] **ELEMENT DE FIXATION PROTEGEANT CONTRE DES ECLABOUSSURES**
[72] ERLANDSON, ERIKA THERESA, US
[72] KREYE, LISA, US
[72] LAUSTED, MATTHEW DAROLD, US
[72] KING, GRETCHEN, US
[71] ECOLAB USA INC., US
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[54] **TENSIOACTIFS BIODEGRADABLES DE TYPE SUCRE-AMIDE POUR UNE RECUPERATION ASSISTEE DU PETROLE (RAP)**
[72] SCHERL, FRANZ-XAVER, DE
[72] LEINWEBER, DIRK, DE
[72] KAISER, ANTON, US
[72] WYLDE, JONATHAN, US
[72] MAHMOUDKHANI, AMIR, US
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[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR ENSEMBLE DE DIODES ELECTROLUMINESCENTES ET APPAREIL D'HORTICULTURE**
[72] MARTIN, JOHN-PAUL ARMAND, US
[71] GROWX INC., US
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[54] **ECHANGEUR DE CHALEUR A PLAQUES POUR REACTEURS CHIMIQUES AVEC COLLECTEURS AUTOMATIQUEMENT SOUDABLES**
[72] RIZZI, ENRICO, IT
[71] CASALE SA, CH
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[54] **PROCEDE DE PRODUCTION DE (4S)-4-[4-CYANO-2-(METHYLSULFONYL)PHENYL]-3,6-DIMETHYL-2-OXO-1-[3-(TRIFLUOROMETHYL)PHENYL]-1,2,3,4-TETRAHYDRO PYRIMIDINE-5-CARBONITRILE**
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[72] RUBENBAUER, PHILIPP, DE
[72] KEIL, BIRGIT, DE
[72] OLENIK, BRITTA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **RESEAU DE MINI-PAVILLONS DE TRANSDUCTEURS POUR DEBITMETRE ULTRASONORE**
[72] MEZHERITSKY, ALEX, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **SYSTEME D'ACCES A UN BATIMENT ET PROCEDE POUR MUNIR UN BATIMENT D'UN TEL SYSTEME D'ACCES A UN BATIMENT**
[72] AVELIN, OLOF, SE
[72] AVELIN, LINNEA, SE
[72] TALLBERG, LARS ERIK, SE
[71] ARBRA HISSYSTEM AB, SE
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[71] KLARER FREIZEITANLAGEN AG, CH
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[54] **PROCEDE ET ENSEMBLE D'ACCOUPLEMENT DE MULTIPLES ENCEINTES**
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[71] UNDER THE WEATHER, LLC, US
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[54] **BALISE LUMINEUSE HORS SOL DE PISTE/VOIE DE CIRCULATION ET ELEMENT CHAUFFANT EN VERRE/GLOBE**
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[72] SCHNEIDER, JOHN BRIAN, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **BIS-ACRIDINES ASYMETRIQUES AYANT UNE ACTIVITE ANTITUMORALE ET LEURS UTILISATIONS**
[72] KONOPA, JERZY KAZIMIERZ, PL
[72] HOROWSKA, BARBARA, PL
[72] PALUSZKIEWICZ, EWA MARIA, PL
[72] BOROWA-MAZGAJ, BARBARA, PL
[72] AUGUSTIN, EWA ANNA, PL
[72] SKWARSKA, ANNA, PL
[72] MAZERSKA, ZOFIA, PL
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[54] **NOVEL HETEROCYCLIC COMPOUNDS AND THEIR USE IN PREVENTING OR TREATING BACTERIAL INFECTIONS**
[54] **NOUVEAUX COMPOSES HETEROCYCLIQUES ET UTILISATION DE CEUX-CI POUR PREVENIR OU TRAITER DES INFECTIONS BACTERIENNES**
[72] CARAVANO, AUDREY, FR
[72] CHASSET, SOPHIE, FR
[72] CHEVREUIL, FRANCIS, FR
[72] FAIVRE, FABIEN, FR
[72] LECOINTE, NICOLAS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] RICHARD, SEBASTIEN, FR
[72] SIMON, CHRISTOPHE, FR
[72] VOMSCHEID, SOPHIE, FR
[72] BRIAS, JULIE, FR
[72] BARBION, JULIEN, FR
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[54] **DISPOSITIF D'ALIMENTATION EN OXYGENE, SYSTEME D'ALIMENTATION EN OXYGENE ET PROCEDE D'ALIMENTATION EN OXYGENE**
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[72] FORSBERG, PETER, DE
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[72] VAN DER HOEVEN, ROBERTUS ANTONIUS MIJNDERT, NL
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[54] **PROCEDE DE TRAITEMENT DE PRODUITS DIVISES A L'OZONE EN CONTINU ET DISPOSITIF CORRESPONDANT**
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[72] SAJET, PHILIPPE, FR
[72] AUSSENAC, THIERRY, FR
[72] COSTE, CHRISTIAN, FR
[72] DRUON, CYRIL, FR
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[54] **METHOD AND DEVICE FOR PRODUCING LARGE-VOLUME CONTAINERS WITH FLANGE BY PLASTIC BLOW MOLDING**
[54] **METHODE ET DISPOSITIF DE PRODUCTION DE CONTENEURS A GRAND VOLUME A BRIDE OBTENUS PAR MOULAGE PAR SOUFFLAGE DE PLASTIQUE**
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[72] KIMMERLIN, THIERRY, CH
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[54] **CONTROLE DE PRODUITS CONTENUS DANS DES RECIPIENTS**
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[72] PEREZ DE LA HOZ, SANTIAGO, ES
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[54] **UTILISATION D'OLIGOMERES D'ALGINATE ET DE MODULATEURS DE CFTR DANS LE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A UN DYSFONCTIONNEMENT DU CFTR**
[72] DESSEN, ARNE, NO
[72] MYRSET, ASTRID HILDE, NO
[72] RYE, PHILIP, NO
[71] ALGIPHARMA AS, NO
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[54] **FACADE EXTERIEURE DE BATIMENT ET PROCEDE SERVANT A ELABORER UNE FACADE EXTERIEURE DE BATIMENT**
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[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT D'INFECTIONS BACTERIENNES**
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[72] CHASSET, SOPHIE, FR
[72] CHEVREUIL, FRANCIS, FR
[72] FAIVRE, FABIEN, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] RICHARD, SEBASTIEN, FR
[72] SIMON, CHRISTOPHE, FR
[72] VOMSCHEID, SOPHIE, FR
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[54] **APPAREIL ET PROCEDE DE COMPENSATION DES AXES ET DE MAINTIEN D'UNE POSITION SELECTIONNEE PAR L'UTILISATEUR D'UN PORTIQUE DE SCANNER A RAYONS X**
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[54] **VISUALISATION CHRONOLOGIQUE D'EVENEMENTS POUR LE SUIVI D'OPERATIONS DE FORAGE SUR UN SITE DE PUITS**
[72] DAVILA, MICHAEL J., US
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[54] **DISPOSITIF DE FIXATION ET DE MISE EN CONTACT ELECTRIQUE D'UN PANNEAU DE VITRE DE VEHICULE**
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[72] DORNER, DIRK, DE
[72] REUL, BERNHARD, DE
[72] KUHNEN, THORSTEN, DE
[72] CARL, ANDRE, DE
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[71] LAIRD TECHNOLOGIES, INC., US
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[54] **SYSTEME DE CONVOYEUR A COURROIES DE TRANSFERT**
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[72] MARSHALL, ANGELA LONGO, US
[72] LANDRUM, JOHN F., US
[72] ROSEN, ROBERT L., US
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[54] **SYSTEME D'OUTIL CHIRURGICAL MOTORISE COMPRENANT UN ACCESSOIRE DE COUPE AYANT UN ARBRE ROTATIF ET UN EMBOUT POUVANT REFROIDIR L'ARBRE**
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[54] **METHOD FOR ASSESSING THE SEVERITY OF UNDERWATER DIVE AND USE OF SAID METHOD IN A DIVE COMPUTER**
[54] **PROCEDE D'EVALUATION DE LA SEVERITE D'UNE PLONGEE SOUS-MARINE ET UTILISATION DUDIT PROCEDE DANS UN ORDINATEUR DE PLONGEE**
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[54] **CONTROLE DE PRESSION POUR DISPOSITIFS DE CONTROLE DE PROCESSUS D'ETALONNAGE**
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[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **BASE ET LUMINAIRE ENCASTRES SANS BOULON**
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[72] RAKOWSKI, PHILIP EDWARD, US
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[72] HU, YUNHUA, US
[72] WILLIAMS, MERVIN, US
[72] DYAKONOV, TATYANA, US
[72] GOSANGARI, SAUJANYA, US
[72] YANG, CHUE, US
[72] VAN DUIJNHOVEN, HENRICUS MARINUS GERARDUS MARIA, NL
[72] PIEST, MARTIN, NL
[72] FATMI, AQEEL A., US
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[54] **OPTIMISATION DE RESEAUX NEURONAUX POUR UNE EVALUATION DE RISQUE**
[72] TURNER, MATTHEW, US
[72] MCBURNETT, MICHAEL, US
[71] EQUIFAX, INC., US
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[54] **CONFIGURATION DYNAMIQUE DE VOLUMES DE DONNEES**
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[72] THOMPSON, JAMES MICHAEL, US
[72] OLSON, MARC STEPHEN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDE DE DEVELOPPEMENT AUTOMATISE D'UN MODELE**
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[72] OUYANG, JEFFREY, US
[72] ZHANG, WEI, US
[71] EQUIFAX, INC., US
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[25] EN
[54] **SELF-STACKING SPIRAL MODULAR PLASTIC CONVEYOR BELT WITH INTERMEDIATE SUPPORT**
[54] **COURROIE TRANSPORTEUSE EN MATIERE PLASTIQUE MODULAIRE EN SPIRALE A AUTO-EMPILEMENT AYANT SUPPORT INTERMEDIAIRE**
[72] BOGLE, DAVID W., US
[71] LAITRAM, L.L.C., US
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[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT IMPLANTABLE AYANT DES CAPACITES DE MESURE D'ECOULEMENT**
[72] BURKE, PAUL, US
[72] ADLER, STEVE, US
[71] FLOWONIX MEDICAL INCORPORATED, US
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[54] **PROTEINES MULTISPECIFIQUES DE LIAISON A L'ANTIGENE**
[72] CARTER, PAUL, US
[72] SPIESS, CHRISTOPH, US
[72] YIN, YIYUAN, US
[72] ZHOU, JIANHUI, US
[72] SANDOVAL, WENDY, US
[72] CORN, JACOB, US
[72] DILLON, MICHAEL, US
[71] GENENTECH, INC., US
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[54] **STRUCTURES PERMETTANT DE NORMALISER UNE DISTRIBUTION D'ECOULEMENT MULTIPLANAIRE A L'INTERIEUR D'UN SYSTEME DE SEPARATION ELECTROCHIMIQUE**
[72] LIANG, LI-SHIANG, US
[72] GRIFFIS, JOSHUA W., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[72] SCHWANTES, TODD ARLIN, US
[71] ENCAPSYS, LLC, US
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[71] EVANS ELECTRIC PTY LIMITED, AU
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[54] **MOTEURS DE FOND DE TROU A ENTRAINEMENT PAR IMPACT**
[72] SHEEHAN, MARK, CA
[72] PRILL, JONATHAN, CA
[71] DRECO ENERGY SERVICES ULC, CA
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[54] **SYSTEME ET PROCEDES POUR UNE REDONDANCE DE MESSAGE**
[72] PITIO, WALTER MICHAEL, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **APPAREIL DE PRODUCTION D'HYDROCARBURES**
[72] HONG, CLAIRE YIH PING, CA
[71] CENOVUS ENERGY INC., CA
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[54] **PROCEDES, SYSTEMES ET DISPOSITIFS SE RAPPORTANT A UNE CORRECTION DE LA DISTORSION DANS DES DISPOSITIFS D'IMAGERIE**
[72] PAWLOWICZ, CHRISTOPHER, CA
[72] SORKIN, ALEXANDER, CA
[72] MARTINCEVIC, VLADIMIR, CA
[71] TECHINSIGHTS INC., CA
[85] 2017-09-19
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[54] **ANTENNE POUR APPLICATIONS EN CHAMP PROCHE ET UTILISATION D'UNE TELLE ANTENNE**
[72] KILIAN, DIETER, DE
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[54] **IMAGING DEVICE AND CORRESPONDING IMAGING METHOD**
[54] **DISPOSITIF D'IMAGERIE ET PROCEDE D'IMAGERIE CORRESPONDANT**
[72] CLEMENCE, FLORENT, FR
[72] THOUVENIN, NICOLAS, FR
[72] WERQUIN, MATTHIEU, FR
[72] JONNIAU, SYLVAIN, FR
[72] VELLAS, NICOLAS, FR
[71] MICROWAVE CHARACTERIZATION CENTER, FR
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[54] **ACCESSOIRE DE CUISSON ET APPAREIL ELECTRIQUE DE CUISSON COMPORTANT UN ACCESSOIRE DE CUISSON**
[72] SEURAT, FREDERIC, FR
[72] MUHR, NICOLAS, FR
[72] GAUDISSART, CHARLES, FR
[71] SEB S.A., FR
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[54] **ANALOGUES D'INDOLE EN TANT QU'ANTAGONISTES DES RECEPTEURS 5-OXO-ETE ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] ROKACH, JOSHUA, US
[72] POWELL, WILLIAM S., CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[71] FLORIDA INSTITUTE OF TECHNOLOGY, US
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[54] **CRYSTAL FORM OF ABIRATERONE PROPIONATE AND PREPARATION METHOD THEREFOR**
[54] **FORME CRISTALLINE DU PROPIONATE D'ABIRATERONE ET PROCEDE DE PREPARATION CORRESPONDANT**
[72] XING, NAIGUO, CN
[72] SHANGGUAN, YAN, CN
[72] ZHENG, DEPING, CN
[72] CHEN, FANGLU, CN
[71] CHONGQING PHARMACEUTICAL RESEARCH INSTITUTE CO., LTD., CN
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[54] **PROCEDE DE SECHAGE DANS UN FOUR EN LIGNE POUR UN FOUR D'OXYDATION CATALYTIQUE DE GAZ NATUREL THERMIQUEMENT ISOLE**
[72] CHEN, YILONG, CN
[72] ZHANG, YANFENG, CN
[72] KUAI, PINGYU, CN
[72] TIAN, WENTANG, CN
[72] WANG, DAXIANG, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
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[54] **CRYSTALLINE FORM OF AHU377, PREPARATION METHOD AND USE THEREOF**
[54] **FORME CRISTALLINE DE AHU377, PROCEDE DE PREPARATION ET UTILISATION DE CETTE DERNIERE**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] YANG, CHAOHUI, CN
[72] YU, SHU, CN
[72] ZHANG, XIAOYU, CN
[72] ZHANG, LIANG, CN
[71] CRYSTAL PHARMATECH CO., LTD., CN
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[54] **PHARMACEUTICAL COMPOSITION CONTAINING SILYBIN AND L-CARNITINE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE ET DE LA L-CARNITINE**
[72] SUN, HE, CN
[72] YAN, XIJUN, CN
[72] WU, NAIFENG, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] MA, XIAOHUI, CN
[72] HE, YI, CN
[72] LI, TING, CN
[72] LI, LEI, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **METHODE POUR LA DETECTION DE CHLAMYDIA SUIS**
[72] VANROMPAY, DAISY, BE
[71] UNIVERSITEIT GENT, BE
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[54] **RECHERCHE EXPLORATOIRE**
[72] KLOUCHE, KHALIL, FI
[72] RUOTSALO, TUUKKA, FI
[72] JACUCCI, GIULIO, FI
[72] ANDOLINA, SALVATORE, FI
[71] UNIVERSITY OF HELSINKI, FI
[71] AALTO UNIVERSITY FOUNDATION, FI
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[54] **PHARMACEUTICAL COMPOSITION CONTAINING SILIBININ AND RADIX PUERARIAE EXTRACT**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILIBININE ET UN EXTRAIT DE RACINE DE PUERARIA**
[72] YAN, XIJUN, CN
[72] WU, NAIFENG, CN
[72] SUN, HE, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] MA, XIAOHUI, CN
[72] ZHANG, SHUNNAN, CN
[72] LI, CHANGWEN, CN
[72] BAI, XIAOLIN, CN
[72] LI, TING, CN
[72] LI, LEI, CN
[72] HE, YI, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD.., CN
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[54] **SYSTEME D'ORGANE DE FIXATION A DOUBLE CHEMIN DE CHARGE**
[72] BUCHANAN, GRAEME, GB
[72] MCWALL, PATRICK, GB
[71] SHORT BROTHERS PLC, IE
[85] 2017-09-19
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE**
[72] WU, NAIFENG, CN
[72] YAN, XIJUN, CN
[72] SUN, HE, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] HE, YI, CN
[72] MA, XIAOHUI, CN
[72] LI, TING, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **NOUVELLE UTILISATION DU FACTEUR VON WILLEBRAND**
[72] SUSEN, SOPHIE, FR
[72] VINCENTELLI, ANDRE, FR
[72] VAN BELLE, ERIC, FR
[72] RAUCH, ANTOINE, FR
[72] VINCENT, FLAVIEN, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[71] CTRE HOSPITALIER UNIVERSITAIRE DE LILLE, FR
[71] UNIVERSITE LILLE 2 DROIT ET SANTE, FR
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[54] **COMMUNICATION METHOD AND COMMUNICATIONS DEVICE**
[54] **PROCEDE DE COMMUNICATION ET DISPOSITIF DE COMMUNICATION**
[72] ZHANG, HONGPING, CN
[72] YAN, LE, CN
[72] WANG, XUEHUA, CN
[72] DAI, MINGZENG, CN
[72] GUO, YI, CN
[72] QIN, YILEI, CN
[72] CHEN, XIONGFEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SECURITY DEVICE AND METHOD OF MANUFACTURE**
[54] **DISPOSITIF DE SECURITE ET PROCEDE DE FABRICATION**
[72] HOLMES, BRIAN WILLIAM, GB
[72] COMMANDER, LAWRENCE GEORGE, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[30] GB (1504838.2) 2015-03-23

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[25] EN
[54] **PROCESS AND DEVICE FOR THE PRODUCTION OF A FIBRE-COMPOSITE MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN MATERIAU COMPOSITE FIBREUX**
[72] BERLIN, MARK REINHARD, DE
[72] SONDERMANN, UDO, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-09-19
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[54] **MEASUREMENT SYSTEM AND METHODS**
[54] **PROCEDES ET SYSTEME DE MESURE**
[72] DEACON, PAUL, GB
[72] TAYLOR, KEITH, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2017-09-19
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[25] FR
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[54] **ARTICLE COMPRENANT UN SUPPORT ET UN ELEMENT DE MOTIF DECORATIF INCRUSTE DANS LE SUPPORT ET APPARENT**
[72] AIT GHERBI, MALIKA, FR
[71] AIT GHERBI, MALIKA, FR
[85] 2017-09-19
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[25] EN
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[54] **PRODUCTION DE TERT-BUTYLESTERS D'ACIDES CARBOXYLIQUES ALIPHATIQUES**
[72] HORSTMANN, CATHARINA, DE
[72] HECHLER, CLAUS, DE
[72] GRACKIEWICZ, GREGOR, DE
[72] SCHALL, BERND, DE
[71] BASF SE, DE
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[30] DE (10 2015 205 752.6) 2015-03-31
[30] US (62/140,473) 2015-03-31

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[25] EN
[54] **SYSTEM AND METHOD FOR PRESERVING INTERDEPENDENT CORPORATE DATA CONSISTENCY IN A GLOBALLY DISTRIBUTED ENVIRONMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PRESERVER LA COHERENCE DE DONNEES D'ENTREPRISE INTERDEPENDANTES DANS UN ENVIRONNEMENT REPARTI GLOBALEMENT**
[72] DE SOUSA FELIX, TELMO INACIO, IE
[72] CRADDOCK, CIAN, IE
[72] O'REILLY, CONOR, IE
[71] D&B BUSINESS INFORMATION SOLUTIONS, IE
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[25] EN
[54] **WELL TOOL**
[54] **OUTIL DE FORAGE**
[72] STANGELAND, JAN, NO
[71] NORSE OILTOOLS AS, NO
[85] 2017-09-19
[86] 2015-12-03 (PCT/EP2015/078476)
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[30] NO (20150391) 2015-03-31

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[25] EN
[54] **A COMPOSITION FOR USE IN THE TREATMENT OF INTERVERTEBRAL MISALIGNMENT**
[54] **COMPOSITION A UTILISER POUR TRAITER UN DEFAUT D'ALIGNEMENT DE DISQUE INTERVERTEBRAL**
[72] OLMARKER, KJELL, SE
[71] STAYBLE THERAPEUTICS AB, SE
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[51] **Int.Cl. F16D 65/56 (2006.01) F16D 65/18 (2006.01)**
[25] EN
[54] **DISC BRAKE FOR A UTILITY VEHICLE**
[54] **FREIN A DISQUE POUR VEHICULE UTILITAIRE**
[72] SCHOFBERGER, TOBIAS, DE
[72] FISCHER, RUDOLF, DE
[72] BALINT, PETER, DE
[72] KLINGNER, MATTHIAS, DE
[72] PESCHEL, MICHAEL, DE
[72] WEBER, RALF, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2017-09-19
[86] 2016-03-18 (PCT/EP2016/055908)
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[30] DE (10 2015 104 183.9) 2015-03-20

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[51] **Int.Cl. B66C 23/94 (2006.01) B66C 13/30 (2006.01) B66C 13/50 (2006.01) B66C 23/84 (2006.01)**
[25] EN
[54] **ROTARY CRANE AND METHOD FOR ORIENTING THE ROTARY CRANE**
[54] **GRUE TOURNANTE ET PROCEDE D'ORIENTATION D'UNE GRUE TOURNANTE**
[72] HAASE, RALF, DE
[71] GBF GESELLSCHAFT FUR BEMESSUNGSFORSCHUNG MBH, DE
[85] 2017-09-19
[86] 2016-03-18 (PCT/EP2016/056010)
[87] (WO2016/146827)
[30] DE (10 2015 104 148.0) 2015-03-19

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[25] EN
[54] **COMPOUNDS HAVING ANTIOXIDANT ACTIVITY AGAINST FREE RADICALS AND ANTI-INFLAMMATORY ACTIVITY, AND CORRESPONDING PHARMACEUTICAL OR COSMETIC COMPOSITIONS FOR SKIN CARE**
[54] **COMPOSES AYANT UNE ACTIVITE ANTIOXYDANTE A L'ENCONTRE DES RADICAUX LIBRES ET UNE ACTIVITE ANTI-INFLAMMATOIRE, ET COMPOSITIONS PHARMACEUTIQUES OU COSMETIQUES CORRESPONDANTES POUR LES SOINS DE LA PEAU**
[72] GIULIANI, GIAMMARIA, CH
[72] BENEDUSI, ANNA, IT
[72] MARZANI, BARBARA, IT
[72] BARONI, SERGIO, IT
[71] GIULIANI S.P.A., IT
[85] 2017-09-19
[86] 2016-03-23 (PCT/EP2016/056365)
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[30] IT (102015000009906) 2015-03-26

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER EPAISSE POUR TUYAU DE CONSTRUCTION, PROCEDE POUR LA PRODUCTION DE TOLE D'ACIER EPAISSE POUR TUYAU DE CONSTRUCTION ET TUYAU DE CONSTRUCTION**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001763)
[87] (WO2016/152170)
[30] JP (PCT/JP2015/001750) 2015-03-26

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[51] **Int.Cl. C22C 30/02 (2006.01) C22C 1/05 (2006.01) C25C 3/12 (2006.01)**
[25] FR
[54] **CERMET ELECTRODE MATERIAL**
[54] **MATERIAU CERMET D'ELECTRODE**
[72] BARTHELEMY, CHRISTIAN, FR
[72] MARMOTTANT, ARIANE, FR
[72] LAURENT, VERONIQUE, FR
[72] BOUVET, SYLVIE, FR
[72] STABROWSKI, VINCENT, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-09-19
[86] 2016-03-23 (PCT/IB2016/000445)
[87] (WO2016/156973)
[30] FR (15 00694) 2015-04-03

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[51] **Int.Cl. G21C 1/32 (2006.01) G21C 15/28 (2006.01)**
[25] EN
[54] **A NUCLEAR REACTOR, IN PARTICULAR A COMPACT LIQUID-METAL-COOLED NUCLEAR REACTOR**
[54] **REACTEUR NUCLEAIRE, EN PARTICULIER REACTEUR NUCLEAIRE COMPACT REFROIDI PAR DU METAL LIQUIDE**
[72] CINOTTI, LUCIANO, IT
[71] HYDROMINE NUCLEAR ENERGY S.A.R.L., LU
[85] 2017-09-19
[86] 2016-03-17 (PCT/IB2016/051503)
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[30] IT (GE2015A000036) 2015-03-19

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER POUR TUBE DE CONSTRUCTION, PROCEDE DE FABRICATION DE TOLE D'ACIER POUR TUBE DE CONSTRUCTION, ET TUBE DE CONSTRUCTION**
[72] OTA, SHUSAKU, JP
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[72] YASUDA, KYONO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001764)
[87] (WO2016/152171)
[30] JP (PCT/JP2015/001753) 2015-03-26

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[25] EN
[54] **STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER POUR TUYAUX DE STRUCTURE, PROCEDE DE PRODUCTION DE TUYAU DE STRUCTURE, ET TUYAU DE STRUCTURE**
[72] OTA, SHUSAKU, JP
[72] OTA, YOSHIAKI, JP
[72] KAKIHARA, SHINICHI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/001766)
[87] (WO2016/152173)
[30] JP (2015-065168) 2015-03-26

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[51] **Int.Cl. B01J 23/656 (2006.01) B01J 21/06 (2006.01) B01J 35/00 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 37/04 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **RUTHENIUM-RHENIUM-BASED CATALYST FOR THE SELECTIVE METHANATION OF CARBON MONOXIDE**
[54] **CATALYSEUR RUTHENIUM-RHENIUM DESTINE A LA METHANATION SELECTIVE DE MONOXYDE DE CARBONE**
[72] MILANOV, ANDRIAN, DE
[72] SCHWAB, EKKEHARD, DE
[72] HOFFMANN, MIKE, DE
[72] KOTREL, STEFAN, DE
[72] ALTWASSER, STEFAN, DE
[71] BASF SE, DE
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[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/18 (2006.01) A24B 15/28 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A POUCHED SMOKELESS TOBACCO PRODUCT COMPRISING HEAT TREATMENT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE TABAC SANS FUMEE EN DOSETTES COMPRENANT UN TRAITEMENT THERMIQUE**
[72] KINDVALL, MARTEN, SE
[72] ERIKSSON, HANS, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
[85] 2017-09-19
[86] 2016-04-07 (PCT/EP2016/057618)
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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR DETECTING A MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN MATERIAU**
[72] KRUGEL, DANIEL RUDOLPH, ZA
[71] KRUGEL, DANIEL RUDOLPH, ZA
[85] 2017-09-19
[86] 2016-03-25 (PCT/IB2016/051704)
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[30] ZA (2015/02058) 2015-03-25

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[13] A1
[51] **Int.Cl. C08L 89/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANUFACTURE OF FOAM SHEETS RIGIDIZED WITH POLYMER INFILTRATION**
[54] **SYSTEME POUR LA FABRICATION DE FEUILLES EN MOUSSE RIGIDIFIEES PAR INFILTRATION POLYMERE**
[72] PERO, MICHAEL A., III, US
[71] PERO, MICHAEL A., III, US
[85] 2017-09-19
[86] 2016-03-10 (PCT/US2016/000022)
[87] (WO2016/153578)
[30] US (62/177,656) 2015-03-20
[30] US (62/172,059) 2015-06-06
[30] US (62/174,462) 2015-06-11

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4178 (2006.01) A61K 31/5377 (2006.01) A61P 25/04 (2006.01) A61P 29/02 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **CYCLIC AMINE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE D'AMINE CYCLIQUE ET SON UTILISATION A DES FINS MEDICALES**
[72] UDAGAWA, SHUJI, JP
[72] MORITA, YASUHIRO, JP
[72] IZUMIMOTO, NAOKI, JP
[72] ISEKI, KATSUHIKO, JP
[72] IWANO, SHUNSUKE, JP
[72] MIYOSHI, TOMOYA, JP
[72] OSADA, YUJI, JP
[72] KOREEDA, TETSURO, JP
[72] MURAKAMI, MASANORI, JP
[72] SHIRAKI, MOTOHIRO, JP
[72] TAKAHASHI, KEI, JP
[72] OSHIDA, KEIYU, JP
[72] HIGASHI, ERIKO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-09-19
[86] 2016-03-24 (PCT/JP2016/059298)
[87] (WO2016/152955)
[30] JP (2015-061248) 2015-03-24

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[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) G05D 23/00 (2006.01)**
[25] EN
[54] **VAPORIZER FOR VAPORIZING AN ACTIVE INGREDIENT**
[54] **VAPORISATEUR POUR VAPORISER UN INGREDIENT ACTIF**
[72] RAICHMAN, YOSSEF, IL
[71] RAICHMAN, YOSSEF, IL
[85] 2017-09-19
[86] 2016-03-17 (PCT/IL2016/050293)
[87] (WO2016/147188)
[30] US (14/662,607) 2015-03-19

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[13] A1
[51] **Int.Cl. A23C 9/12 (2006.01) A23C 17/02 (2006.01) A23C 21/02 (2006.01)**
[25] EN
[54] **USE OF PHOSPHOLIPASE C**
[54] **UTILISATION DE LA PHOSPHOLIPASE C**
[72] SEIN, ARJEN, NL
[72] UIJEN, HENRIETTE MARIA WILHELMINA JACOBA CATHARINA, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-09-19
[86] 2016-04-13 (PCT/EP2016/058102)
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[30] EP (15163485.4) 2015-04-14

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[51] **Int.Cl. F24H 9/20 (2006.01) F16K 11/044 (2006.01) F24H 1/10 (2006.01)**
[25] EN
[54] **FLOW CONTROLLER AND A HOT WATER APPLIANCE PROVIDED THEREWITH**
[54] **REGULATEUR DE DEBIT ET APPAREIL A EAU CHAUDE MUNI DUDIT REGULATEUR**
[72] COOL, PETER JAN, NL
[71] INTERGAS HEATING ASSETS B.V., NL
[85] 2017-09-19
[86] 2016-03-21 (PCT/NL2016/050194)
[87] (WO2016/190730)
[30] NL (2014498) 2015-03-20
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[51] **Int.Cl. B05D 1/40 (2006.01) B05D 1/42 (2006.01) B05D 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STRUCTURED SURFACES AND ARTICLES STRUCTURED IN SUCH A WAY**
[54] **PROCEDE DE REALISATION DE SURFACES STRUCTUREES ET OBJETS AINSI STRUCTURES**
[72] BECKER-WEIMANN, KLAUS, DE
[72] FANDREY, JENS, DE
[71] KLEBCHEMIE M. G. BECKER GMBH & CO. KG, DE
[85] 2017-09-19
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[87] (WO2016/174021)
[30] DE (10 2015 005 495.3) 2015-04-30

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

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[51] **Int.Cl. B42D 25/41 (2014.01) B42D 25/328 (2014.01) B42D 25/45 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING AN IMPRINTED SECURITY FEATURE**
[54] **PROCEDE D'INSTALLATION D'UNE CARACTERISTIQUE DE SECURITE IMPRIMEE**
[72] VAN DEN BERG, JAN, NL
[71] MORPHO B.V., NL
[85] 2017-09-19
[86] 2016-03-22 (PCT/NL2016/050197)
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[51] **Int.Cl. C07D 311/04 (2006.01) A61K 31/122 (2006.01) A61K 31/352 (2006.01) A61P 35/00 (2006.01) C07C 49/86 (2006.01) C07D 311/22 (2006.01) C07D 311/82 (2006.01)**
[25] EN
[54] **PHENOL DERIVATIVES TO TREAT CANCER**
[54] **DERIVES DE PHENOL POUR TRAITER LE CANCER**
[72] DE PEDRO MONTEJO, NURIA, ES
[72] GONZALEZ MENENDEZ, VICTOR, ES
[72] CRESPO SUEIRO, GLORIA, ES
[72] PEREZ-VICTORIA MORENO DE BARREDA, IGNACIO, ES
[72] CAUTAIN, BASTIEN, ES
[72] VICENTE PEREZ, MARIA FRANCISCA, ES
[72] REYES BENITEZ, JOSE FERNANDO, ES
[72] GENILLOUD RODRIGUEZ, OLGA, ES
[72] GRINAN LISON, CARMEN, ES
[72] MARCHAL CORRALES, JUAN ANTONIO, ES
[71] FUNDACION MEDINA. CENTRO DE EXCELENCIA EN INVESTIGACION DE MEDICAMENTOS INNOVADORES EN ANDALUCIA, ES
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[30] EP (15382217.6) 2015-04-30

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/395 (2006.01) A61K 31/555 (2006.01) A61K 51/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07B 59/00 (2006.01) C07D 255/02 (2006.01) C07D 257/02 (2006.01) C07F 1/08 (2006.01) C07F 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF AND MANUFACTURING INTERMEDIATE OF NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN NOUVEAU COMPOSE CONTENANT DE L'AZOTE OU D'UN SEL DE CE COMPOSE, ET PRODUIT INTERMEDIAIRE DE PRODUCTION CORRESPONDANT**
[72] FUKUNAGA, HIROFUMI, JP
[72] SHINJO, SACHIKO, JP
[72] NAKAGAWA, DAISUKE, JP
[72] SEKINE, SHINICHIRO, JP
[72] YAMAKAWA, TAKAYUKI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2017-09-19
[86] 2016-03-25 (PCT/JP2016/059729)
[87] (WO2016/153054)
[30] JP (2015-062306) 2015-03-25

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[51] **Int.Cl. C12N 5/22 (2006.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **METHOD FOR INDUCING DIFFERENTIATION OF AIRWAY EPITHELIAL CELLS**
[54] **METHODE D'INDUCTION DE LA DIFFERENCIATION DES CELLULES EPITHELIALES DES VOIES AERIENNES**
[72] GOTOH, SHIMPEI, JP
[72] YAMAMOTO, YUKI, JP
[72] KONISHI, SATOSHI, JP
[72] MISHIMA, MICHIAKI, JP
[71] KYOTO UNIVERSITY, JP
[85] 2017-09-19
[86] 2016-03-18 (PCT/JP2016/059786)
[87] (WO2016/148307)
[30] JP (2015-056791) 2015-03-19

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[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **AGGREGATING HIGH VOLUMES OF TEMPORAL DATA FROM MULTIPLE OVERLAPPING SOURCES**
[54] **AGREGATION DE GROS VOLUMES DE DONNEES TEMPORELLES PROVENANT DE SOURCES MULTIPLES AVEC RECOUVREMENT**
[72] O'REILLY, CONOR, IE
[72] DE SOUSA FELIX, TELMO INACIO, IE
[72] CRADDOCK, CIAN, IE
[71] D&B BUSINESS INFORMATION SOLUTIONS, IE
[85] 2017-09-19
[86] 2016-03-17 (PCT/IB2016/000413)
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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **PROVIDING COMMUNICATION BETWEEN WELLBORES THROUGH DIRECTIONAL HYDRAULIC FRACTURING**
[54] **MIE EN □UVRE D'UNE COMMUNICATION ENTRE PUITS DE FORAGE A TRAVERS LA FRACTURATION HYDRAULIQUE DIRECTIONNELLE**
[72] ALTHOFF, GARY D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
[86] 2015-05-14 (PCT/US2015/030881)
[87] (WO2016/182581)

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/48 (2006.01)**
[25] EN
[54] **POLYURETHANE SCREEN**
[54] **TAMIS EN POLYURETHANE**
[72] COLGROVE, JAMES R., US
[72] LIPA, ANTHONY J., US
[71] DERRICK CORPORATION, US
[85] 2017-09-19
[86] 2016-03-09 (PCT/US2016/021474)
[87] (WO2016/148993)
[30] US (14/663,037) 2015-03-19

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[51] **Int.Cl. E21B 10/573 (2006.01) E21B 10/633 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **DRILL BIT CUTTERS AND CUTTER ASSEMBLIES**
[54] **DISPOSITIFS DE COUPE DE TREPAN DE FORAGE ET ENSEMBLES DE COUPE**
[72] SAINI, GAGAN, US
[72] BRYSON, ALAN CAMPBELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
[86] 2015-06-24 (PCT/US2015/037450)
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/02 (2006.01) E21B 47/09 (2012.01) E21B 7/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SENSORLESS STATE ESTIMATION, DISTURBANCE ESTIMATION, AND MODEL ADAPTION FOR ROTARY STEERABLE DRILLING SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR ESTIMATION D'ETAT SANS CAPTEUR, ESTIMATION DE PERTURBATION, ET ADAPTATION DE MODELE POUR DES SYSTEMES DE FORAGE ORIENTABLES ROTATIFS**
[72] VADALI, VENKATA MADHUKANTH, US
[72] DYKSTRA, JASON D., US
[72] GE, XIAOQING, US
[72] XUE, YUZHEN, US
[72] SONG, XINGYONG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-19
[86] 2015-04-29 (PCT/US2015/028299)
[87] (WO2016/175797)

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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 10/10 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **TECHNIQUES FOR SOCIAL MESSAGING AUTHORIZATION AND CUSTOMIZATION**
[54] **TECHNIQUES D'AUTORISATION ET DE PERSONNALISATION DE MESSAGES SOCIAUX**
[72] DONG, WENLONG, US
[72] MA, XUELI E., US
[72] CHEN, WEITAO, US
[72] GUANG, LEI, US
[71] FACEBOOK, INC., US
[85] 2017-09-19
[86] 2015-07-22 (PCT/US2015/041552)
[87] (WO2016/153538)
[30] US (62/138,341) 2015-03-25
[30] US (62/138,337) 2015-03-25
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[54] **SYSTEMS AND METHODS FOR IMPROVING OPERATION OF PULSE COMBUSTORS**
[54] **SYSTEMES ET PROCEDES D'AMELIORATION DU FONCTIONNEMENT DE CHAMBRES DE COMBUSTION A PULSATION**
[72] MAQBOOL, DAANISH, US
[71] NORTH AMERICAN WAVE ENGINE CORPORATION, US
[85] 2017-09-19
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[54] **METHOD OF MAKING AN OPTICALLY-ACTIVATED SYSTEM**
[54] **PROCEDE DE FABRICATION D'UN SYSTEME ACTIONNE OPTIQUEMENT**
[72] SOJKA, MILAN FRANZ, US
[72] STANGANELLI, KERRI, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-09-19
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[30] US (14/664,397) 2015-03-20

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[25] EN
[54] **SYSTEMS AND METHODS FOR ANTI-PHASE OPERATION OF PULSE COMBUSTORS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE CHAMBRES DE COMBUSTION A PULSATION EN OPPOSITION DE PHASE**
[72] MAQBOOL, DAANISH, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[71] MAQBOOL, DAANISH, US
[85] 2017-09-19
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[54] **LED LUMINAIRE**
[54] **LUMINAIRE A DIODES ELECTROLUMINESCENTES**
[72] WOUTERS, THOMAS, US
[72] MCGINN, JORDAN, US
[72] MCSHANE, FRANCIS PAUL, US
[71] CITY ELECTRIC SUPPLY CO., US
[85] 2017-09-19
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[54] **INCUBATING ENCLOSURE**
[54] **ENCEINTE D'INCUBATION**
[72] FREAKE, JACOB, US
[72] GOMES, JOSH, US
[72] HINOJOSA, CHRISTOPHER DAVID, US
[72] LEVNER, DANIEL, US
[72] SABIN, DOUG, US
[72] THOMPSON, GUY, II, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **GONIOSCOPIC DEVICES**
[54] **DISPOSITIFS GONIOSCOPIQUES**
[72] KALINA, CHARLES RAYMOND, US
[72] BURNS, THOMAS W., US
[72] CALCATERRA, CHRIS, US
[72] COLLINS, EDWARD, US
[72] MCCAULEY, TIMOTHY, US
[72] HAFFNER, DAVID S., US
[72] HENDERSON, STEVEN M., US
[71] GLAUKOS CORPORATION, US
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[54] **AIR CUSHION VACUUM CLEANER**
[54] **ASPIRATEUR SUR COUSSIN D'AIR**
[72] ALTON, JAMES R., US
[71] CHINA MANUFACTURING AND BROKERAGE, INC., US
[85] 2017-09-19
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[54] **METHODS OF TREATING LIVER DISEASE USING INDANE ACETIC ACID DERIVATIVES**
[54] **PROCEDES DE TRAITEMENT D'UNE MALADIE HEPATIQUE AU MOYEN DE DERIVES D'ACIDE INDANE-ACETIQUE**
[72] DIDSBURY, JOHN ROBERT, US
[71] T3D THERAPEUTICS, INC., US
[85] 2017-09-19
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[54] **COMBINATION OF HDAC INHIBITOR AND ANTI-PD-1 ANTIBODY FOR TREATMENT OF CANCER**
[54] **ASSOCIATION D'UN INHIBITEUR DE L'HISTONE DESACETYLASE (HDAC) AVEC UN ANTICORPS ANTI-PD-1 POUR LE TRAITEMENT DU CANCER**
[72] GOODENOW, ROBERT, US
[72] ORDENTLICH, PETER, US
[71] SYNDAX PHARMACEUTICALS, INC., US
[85] 2017-09-19
[86] 2016-03-18 (PCT/US2016/023298)
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[54] **HOT MELT ADHESIVE COMPOSITION AND USE THEREOF**
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE ET SON UTILISATION**
[72] HU, YUHONG, US
[72] DESAI, DARSHAK R., US
[72] CHEN, JINYU, US
[72] SHARAK, MATTHEW L., US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-09-19
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[54] **FILTER TUBE INSTALLATION APPARATUS**
[54] **APPAREIL D'INSTALLATION DE TUBE DE FILTRAGE**
[72] GATHMAN, TRAVIS, US
[71] GATHMAN, TRAVIS, US
[85] 2017-09-19
[86] 2016-03-18 (PCT/US2016/023299)
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[54] **MOUNTING SYSTEM FOR MECHANICAL-SHOCK RESISTANT PRINTED CIRCUIT BOARD (PCB)**
[54] **SYSTEME DE MONTAGE POUR CARTE DE CIRCUIT IMPRIME (PCB) RESISTANTE AUX CHOCS MECANIQUES**
[72] NICOLOFF, WILLIAM JOHN, US
[71] AEROVIRONMENT, INC., US
[85] 2017-09-19
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[54] **CONNECTORS FOR FLEXIBLE BUSBAR AND METHODS OF CONNECTING**
[54] **CONNECTEURS POUR BARRE OMNIBUS SOUPLE ET PROCEDES DE CONNEXION**
[72] CASTONGUAY, KEVIN NORMAND, US
[72] TROMBLEY, LOGAN MICHAEL, US
[72] MONTMINY, ARMAND THOMAS, US
[72] ROBICHEAU, RICHARD E., US
[71] HUBBELL INCORPORATED, US
[85] 2017-09-19
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[25] EN
[54] **VEHICLE WITH MULTIPLE LIGHT DETECTION AND RANGING DEVICES (LIDARS)**
[54] **VEHICULE AYANT DE MULTIPLES DISPOSITIFS DE DETECTION ET TELEMETRIE PAR LA LUMIERE (LIDARS)**
[72] GRUVER, DANIEL, US
[72] DROZ, PIERRE-YVES, US
[72] PENNECOT, GAETAN, US
[72] LEVANDOWSKI, ANTHONY, US
[72] ULRICH, DREW EUGENE, US
[72] MORRISS, ZACHARY, US
[72] WACHTER, LUKE, US
[72] IORDACHE, DOREL IONUT, US
[72] PARDHAN, RAHIM, US
[72] MCCANN, WILLIAM, US
[72] FIDRIC, BERNARD, US
[72] LENIUS, SAMUEL WILLIAM, US
[72] AVRAM, PETER, US
[71] WAYMO LLC, US
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[54] **VENTILATOR WITH INTEGRATED COUGH-ASSIST**
[54] **VENTILATEUR A ASSISTANCE A LA TOUX INTEGREE**
[72] DEVRIES, DOUGLAS F., US
[72] GOOD, DAVID M., US
[72] GAW, SHAN E., US
[72] CIPOLLONE, JOSEPH, US
[72] BRANSON, RICHARD, US
[72] MARQUARDT, BRIAN, US
[71] VENTEC LIFE SYSTEMS, INC., US
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[30] US (14/749,397) 2015-06-24
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[54] **ISOLATING DECOUPLER**
[54] **DISPOSITIF DE DESACCOUPLEMENT ISOLANT**
[72] SERKH, ALEXANDER, US
[71] GATES CORPORATION, US
[85] 2017-09-19
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[54] **VACCINES WITH CD40 LIGAND AS AN ADJUVANT**
[54] **VACCINS COMPRENANT LE LIGAND CD40 EN TANT QU'ADJUVANT**
[72] WEINER, DAVID, US
[72] MORROW, MATTHEW, US
[72] WISE, MEGAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2017-09-19
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[54] **SELF-ADJUSTING DIRECTIONAL DRILLING APPARATUS AND METHODS FOR DRILLING DIRECTIONAL WELLS**
[54] **APPAREIL DE FORAGE DIRIGE A AUTOREGLAGE ET PROCEDES DE FORAGE DE PUITS DEVIES**
[72] PETERS, VOLKER, DE
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-09-19
[86] 2016-03-24 (PCT/US2016/023886)
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[25] EN
[54] **VEHICLE MONITORING DEVICES, VEHICLE MONITORING MANAGEMENT DEVICES, AND VEHICLE MONITORING SYSTEMS**
[54] **DISPOSITIFS DE SURVEILLANCE DE VEHICULE, DISPOSITIFS DE GESTION DE SURVEILLANCE DE VEHICULE, ET SYSTEMES DE SURVEILLANCE DE VEHICULE**
[72] SMITH, MICHAEL, US
[71] AUTOMAP, LLC, US
[85] 2017-09-19
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[51] **Int.Cl. B60R 13/01 (2006.01) B65D 85/00 (2006.01) B65D 90/04 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PREVENTING CONTAMINATION OF EMERGENCY VEHICLES**
[54] **PROCEDES ET SYSTEMES POUR EMPECHER LA CONTAMINATION DE VEHICULES D'URGENCE**
[72] TROTTA, FREDERICK J., US
[72] HORTON, KENNETH R., US
[72] GUERCIA, LEONARD, US
[72] HOLDSWORTH, ROBERT, US
[72] KELLERHER, MARTIN, US
[71] TROTTA, FREDERICK J., US
[71] HORTON, KENNETH R., US
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[71] HOLDSWORTH, ROBERT, US
[71] KELLERHER, MARTIN, US
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[25] EN
[54] **MACROLIDES WITH MODIFIED DESOSAMINE SUGARS AND USES THEREOF**
[54] **MACROLIDES A SUCRES MODIFIES DE TYPE DESOSAMINE ET UTILISATIONS DE CEUX-CI**
[72] MYERS, ANDREW G., US
[72] SEIPLE, IAN BASS, US
[72] ZHANG, ZIYANG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-09-19
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[30] US (62/138,168) 2015-03-25
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[25] EN
[54] **COMPOSITIONS COMPRISING MENISCAL TISSUES AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT DES TISSUS MENISCAUX ET LEURS UTILISATIONS**
[72] DANILKOVITCH, ALLA, US
[72] KUANG, JINQIANG, US
[72] SINCLAIR, STEVEN MICHAEL, US
[71] OSIRIS THERAPEUTICS, INC., US
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[54] **EDITION GENIQUE BASEE SUR LE SYSTEME CRISPR/ENDONUCLEASE A INDUCTION PAR TAT**
[72] KHALILI, KAMEL, US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **IMPROVED ACOUSTICAL GUIDANCE AND MONITORING SYSTEM**
[54] **SYSTEME DE GUIDAGE ET DE SURVEILLANCE ACOUSTIQUE AMELIORE**
[72] MANSFIELD, JEFFREY, US
[72] LYONS, LAURA, US
[72] SCHREIBER, SVEN, US
[72] GUNN, DAVID, US
[72] BUMGARDNER, THOMAS, US
[71] SONARMED INC., US
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[30] US (62/138,840) 2015-03-26

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[25] EN
[54] **SELF-COOLING FOOD OR BEVERAGE CONTAINER HAVING A HEAT EXCHANGE UNIT USING LIQUID CARBON DIOXIDE AND HAVING A DUAL FUNCTION VALVE**
[54] **RECIPIENT AUTO-REFRIGERANT POUR ALIMENT OU BOISSON AYANT UNE UNITE D'ECHANGE DE CHALEUR UTILISANT DU DIOXYDE DE CARBONE LIQUIDE ET COMPORTANT UN CLAPET A DOUBLE FONCTION**
[72] SILLINCE, MARK, GB
[71] JOSEPH COMPANY INTERNATIONAL, INC., US
[85] 2017-09-19
[86] 2016-03-18 (PCT/US2016/023194)
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[30] US (62/136,176) 2015-03-20

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[54] **LAMPE A DEL A ENVELOPPE DE VERRE**
[72] DENGKE, CAI, US
[72] JURKOVIC, PAUL J., US
[72] SALPIETRA, THOMAS G., US
[71] EYE LIGHTING INTERNATIONAL OF NORTH AMERCIA, INC., US
[85] 2017-09-19
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[30] US (62/136,427) 2015-03-20
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[54] **VERROU AYANT UN RENFONCEMENT D'OUTIL DANS UNE GACHETTE**
[72] DO, THAI, US
[71] ARCONIC INC., US
[85] 2017-09-19
[86] 2016-03-30 (PCT/US2016/024836)
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[30] US (62/142,602) 2015-04-03
[30] US (62/142,601) 2015-04-03
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[25] EN
[54] **ELEVATION ANGLE ESTIMATING DEVICE AND METHOD FOR USER TERMINAL PLACEMENT**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION D'ANGLE D'ELEVATION POUR UN PLACEMENT DE TERMINAL D'UTILISATEUR**
[72] NI, MELVIN S., US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2017-09-19
[86] 2016-03-30 (PCT/US2016/025012)
[87] (WO2016/160992)
[30] US (14/674,363) 2015-03-31

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[25] EN
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[54] **GLANDE SALIVAIRE ARTIFICIELLE**
[72] ADAMS, DOUGLAS J., US
[72] FREILICH, MARTIN ALLEN, US
[72] KELLY, JOHN ROBERT, US
[71] UNIVERSITY OF CONNECTICUT, US
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[25] EN
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[54] **SUITE LOGICIELLE D'ALIGNEMENT ET D'ANALYSE DE SEQUENCAGE DE VARIANT**
[72] ELZINGA, CHRISTOPHER, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **MOLECULES A AUTO-ASSEMBLAGE POUR L'ADMINISTRATION CIBLEE DE MEDICAMENTS**
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[72] TAKAHASHI, KAZUE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **ELEVATION ANGLE ESTIMATING SYSTEM AND METHOD FOR USER TERMINAL PLACEMENT**
[54] **SYSTEME ET PROCEDE D'ESTIMATION D'ANGLE D'ELEVATION POUR PLACEMENT DE TERMINAL UTILISATEUR**
[72] NI, MELVIN S., US
[71] WORLDVU SATELLITES LIMITED, US
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[54] **FIELD SPECIALIZATION SYSTEMS AND METHODS FOR IMPROVING PROGRAM PERFORMANCE**
[54] **SYSTEMES ET PROCEDES DE SPECIALISATION DE CHAMP POUR AMELIORER LA PERFORMANCE D'UN PROGRAMME**
[72] SNODGRASS, RICHARD T., US
[72] DEBRAY, SAUMYA K., US
[72] ZHANG, RUI, US
[72] THOMAS, STEPHEN, CA
[72] MASON, SEAN, US
[71] DATAWARE VENTURES, LLC, US
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[54] **ELEMENTS DE SURFACE DE PALE DE VENTILATEUR**
[72] SCHILLING, HUGH, US
[72] HENNESSY, DAVID R., US
[72] CAHILL, KEVIN, US
[71] HORTON, INC., US
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[54] **TENSION HEAD WITH TENSION WHEEL CAM BIASING ELEMENT FOR MODULAR STEEL STRAPPING MACHINE**
[54] **TETE DE TENSION AVEC ELEMENT DE PRECONTRAINTE DE CAME DE ROUE DE TENSION POUR MACHINE DE CERCLAGE D'ACIER MODULAIRE**
[72] ELLIOTT, DUSTIN D., US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
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[54] **DISPOSITIF ET PROCEDES DE VISION NOCTURNE**
[72] KLEIN, AVNER, AU
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[54] **SYSTEMS AND METHODS FOR CONTROLLING REFRIGERATION CYCLES**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE CYCLES DE REFRIGERATION**
[72] KHALILI, KAVEH, US
[72] ROCKENFELLER, UWE, US
[71] ROCKY RESEARCH, US
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[54] **LIGHTWEIGHT, HIGH FLOW HOSE ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **ENSEMBLE TUYAU SOUPLE ET LEGER A HAUT DEBIT ET PROCEDE DE FABRICATION**
[72] BLANCHETTE, GIL, US
[72] MELO, MICHAEL, US
[72] CORREA, STEVE, US
[72] CHAPMAN, TIMOTHY L., US
[72] VAN BEEK, MARLON, US
[72] PARKER, JOHN W., US
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[54] **ENERGY-EFFICIENT INTEGRATED LIGHTING, DAYLIGHTING, AND HVAC WITH CONTROLLED WINDOW BLINDS**
[54] **ECLAIRAGE, ECLAIRAGE NATUREL ET HVAC INTEGRES ECONOMES EN ENERGIE A L'AIDE DE STORES COMMANDES**
[72] CASCIA, MARK A., US
[71] SIEMENS INDUSTRY, INC., US
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[54] **APPARATUS AND METHOD FOR LIFTING HEAVY MACHINERY**
[54] **APPAREIL ET PROCEDE DE LEVAGE DE MATERIEL LOURD**
[72] BELLEY, ROBIN, CA
[72] BELLEY, CHRISTIAN, CA
[72] BEDARD, DANIEL, CA
[71] 3991814 CANADA INC., CA
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[54] **ELEMENT DE SECURITE**
[72] MESSA, GIANLUCA, DE
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[54] **PROCEDE DE COMPTAGE D'ESSIEUX ET DISPOSITIF DE COMPTAGE D'ESSIEUX**
[72] OLDEWURTEL, KASSEN, DE
[72] KLEMM, RAINER, DE
[72] MULLER, MATHIAS, DE
[71] THALES DEUTSCHLAND GMBH, DE
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[54] **CYCLICAL STEAM INJECTION PROCESS AND EQUIPMENT WITH WATER SEAL FOR THERMAL PROTECTION CASING AND PNEUMATIC ARTIFICIAL LIFT FOR PRODUCED OIL**
[54] **PROCEDE D'INJECTION CYCLIQUE DE VAPEUR ET EQUIPEMENT A JOINT HYDRAULIQUE POUR BOITIER DE PROTECTION THERMIQUE ET ELEVATEUR ARTIFICIEL PNEUMATIQUE POUR HUILE PRODUITE**
[72] FRANCO, ZADSON DE ALMEIDA, BR
[71] ENGEPET EMPRESA DE ENGENHARIA DE PETROLEO LTDA, BR
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[54] **INFRASTRUCTURE MODULAIRE POUR UN PROGRAMME INFORMATIQUE INTERACTIF**
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[71] CAE INC., CA
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[72] AUS DER FUNTEN, SANDRA, DE
[72] PAHNKE, JAN, DE
[71] MELITTA SINGLE PORTIONS GMBH & CO. KG, DE
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[25] EN
[54] **NIGHT VISION DETECTION ENHANCEMENTS IN A DISPLAY SYSTEM**
[54] **AMELIORATIONS APPORTEES A LA DETECTION D'UNE VISION NOCTURNE DANS UN SYSTEME D'AFFICHAGE**
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[71] CAE INC., CA
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[54] **PROFIL METABOLOMIQUE D'UNE LESION DU SYSTEME NERVEUX CENTRAL**
[72] FRASER, DOUGLAS DALE, CA
[72] BARTHA, ROBERT, CA
[72] BROWN, ARTHUR, CA
[72] STEWART, TANYA CHARYK, CA
[72] DALEY, MARK, CA
[72] DEKABAN, GREG A., CA
[72] DOHERTY, TIMOTHY, CA
[72] FISCHER, LISA, CA
[72] HOLMES, JEFF, CA
[72] MENON, RAVI, CA
[72] RUPAR, TONY, CA
[72] SHOEMAKER, J. KEVIN, CA
[71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
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[54] **PORTABLE PIPE LATHE AND METHOD**
[54] **TOUR A TUYAU PORTABLE ET PROCEDE**
[72] KARPACHEVSKYY, TARAS, CA
[71] SHAWCOR LTD. SHAWCOR LTEE, CA
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[54] **SYSTEMES ET PROCEDES DE SIMULATION ULTRASONORE**
[72] AGUILAR, LUIS, CA
[72] STEINMAN, DAVID, CA
[72] COBBOLD, RICHARD SOUTHWELL CHEVALLIER, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSTIY OF TORONTO, CA
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[54] **APPLICATEUR POUR MEDICAMENTS CORNEENS SUPERFICIELS**
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[72] LIN, STEPHANIE LEI-CHING, CA
[71] 1039578 B.C. LTD., CA
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[25] EN
[54] **PYRAZOLE COMPOUNDS OR SALTS THEREOF, PREPARATION METHODS THEREFOR, HERBICIDAL COMPOSITIONS AND USE THEREOF**
[54] **COMPOSE DE PYRAZOLE OU SON SEL, SON PROCEDE DE PREPARATION, COMPOSITION HERBICIDE ET SON UTILISATION**
[72] LIAN, LEI, CN
[72] ZHENG, YURONG, CN
[72] PENG, XUEGANG, CN
[72] JIN, TAO, CN
[72] CUI, QI, CN
[72] LI, SONG, CN
[71] QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD, CN
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[25] EN
[54] **MULTIFACTOR EYE POSITION IDENTIFICATION IN A DISPLAY SYSTEM**
[54] **IDENTIFICATION MULTIFACTORIELLE DE POSITION DES YEUX DANS UN SYSTEME D'AFFICHAGE**
[72] MAZ, EMMANUEL, CA
[71] CAE INC., CA
[85] 2017-09-20
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[54] **ARN NON CODANTS LONGS S'EXPRIMANT DANS LES PERICYTES**
[72] ZEHENDNER, CHRISTOPH MICHAEL, DE
[72] DIMMELER, STEFANIE, DE
[72] ZEIHER, ANDREAS, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
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[25] EN
[54] **METHOD FOR THE DECONTAMINATION AND DISINFECTION OF A TRANSPORT VEHICLE, AND CONTROL DEVICE FOR SAID DECONTAMINATION**
[54] **METHODE DE DECONTAMINATION ET DESINFECTION D'UN VEHICULE DE TRANSPORT ET DISPOSITIF DE CONTROLE DE LADITE DECONTAMINATION**
[72] CASTANE BASAGANA, SEBASTIAN, ES
[71] CASTANE BASAGANA, SEBASTIAN, ES
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[54] **UNIT DOSE PACKAGE**
[54] **EMBALLAGE DE DOSE UNITAIRE**
[72] EVERS, MARKUS, DE
[72] EBERHARDT, ALEXANDRA, DE
[72] GRUTZNER, ERNST ANDREAS, DE
[72] MATT, NICOLE, DE
[72] WEBER, TILLMANN, DE
[72] POHLE, SVEN, DE
[72] ELSNER, OLIVER, DE
[72] FIK, CHRISTOPH P., CH
[71] DENTSPLY DETREY GMBH, DE
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[54] **REVETEMENTS ETIRABLES**
[72] KRITZINGER, JOHANNES, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LARSSON, MIKAEL, SE
[72] RAGNARSSON, MICAEL, SE
[71] OMYA INTERNATIONAL AG, CH
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[54] **ANTI-CEACAM6 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CEACAM6 ET LEURS UTILISATIONS**
[72] WILLUDA, JORG, DE
[72] TRAUTWEIN, MARK, DE
[72] GRITZAN, UWE, DE
[72] FREIBERG, CHRISTOPH, DE
[72] DITTMER, FRANK, DE
[72] SCHONFELD, DORIAN, DE
[72] GLUCK, JULIAN, MARIUS, DE
[72] BRUDER, JESSICA, DE
[72] SCHLECKER, EVA-MARIA, DE
[72] GOLFIER, SVEN, DE
[72] HOLTON, SIMON, DE
[72] BECKHOVE, PHILIP, DE
[72] GE, YINGZI, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **MICROBIOLOGICAL PRODUCTION OF SHORT FATTY ACIDS AND USES THEREOF**
[54] **PRODUCTION MICROBIOLOGIQUE D'ACIDES GRAS A CHAINE COURTE ET UTILISATIONS ASSOCIEES**
[72] GRININGER, MARTIN, DE
[72] GAJEWSKI, JAN, DE
[72] BOLES, ECKARD, DE
[72] PAVLOVIC, RENATA, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
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[25] EN
[54] **MEASUREMENT SYSTEM AND METHOD TO INTERROGATE BIREFRINGENT OPTICAL SENSORS WITH A FREQUENCY SWEPT SOURCE BASED INTERROGATOR**
[54] **SYSTEME DE MESURE ET PROCEDE POUR INTERROGER DES CAPTEURS OPTIQUES BIREFRINGENTS AVEC UN INTERROGATEUR A SOURCE A BALAYAGE DE FREQUENCE**
[72] IBRAHIM, SELWAN K., IE
[72] O'DOWD, JOHN, IE
[72] KARABACAK, DEVREZ MEHMET, IE
[71] FAZ TECHNOLOGY LTD., IE
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[30] US (62/135,843) 2015-03-20
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[25] EN
[54] **METHODS FOR DIAGNOSING AND TREATING FOLLICULAR LYMPHOMA**
[54] **PROCEDES PERMETTANT DE DIAGNOSTIQUER ET DE TRAITER LE LYMPHOME FOLLICULAIRE**
[72] WENDEL, HANS-GUIDO, US
[72] MELNICK, ARI, US
[72] ORTEGA MOLINA, ANA, US
[72] BOSS, ISAAC, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[71] CORNELL UNIVERSITY, US
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[72] CHASSET, SOPHIE, FR
[72] CHEVREUIL, FRANCIS, FR
[72] LECOINTE, NICOLAS, FR
[72] LEDOUSSAL, BENOIT, FR
[72] LE STRAT, FREDERIC, FR
[72] VOMSCHEID, SOPHIE, FR
[72] RICHARD, SEBASTIEN, FR
[72] FAIVRE, FABIEN, FR
[72] BARBION, JULIEN, FR
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[54] **EOLIENNE A CIRCUIT DE LIQUIDE ET COMPOSANTS ASSOCIES**
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[71] WOBBEN PROPERTIES GMBH, DE
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[71] PTX TECHNOLOGIES INC., CA
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[54] **PROCEDE DE JARDINAGE INTERIEUR HYDROPONIQUE**
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[72] ALEN, MATTI, FI
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[54] **DISPOSITIF SOLAIRE DE PRODUCTION AUTONOME DE FROID PAR SORPTION SOLIDE-GAZ**
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[72] MAURAN, SYLVAIN, FR
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[72] HOFFMANN, WALTER, DE
[72] KUCZERA, THOMAS, DE
[72] GAINCHE, PHILIPPE, DE
[72] OBERT, MIKE, DE
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[54] **A SULPHUR CONTAINING ADDITIVE FOR MAKING BITUMEN PAVING MIXTURES**
[54] **ADDITIF CONTENANT DU SOUFRE POUR LA FABRICATION DE MELANGES DE PAVAGE DE BITUME**
[72] JASRA, RAKSH VIR, IN
[72] MURTHY, NAGARATHINAM SHENBAGA, IN
[72] TALATI, MAYUR NAVINCHANDRA, IN
[72] JOHN, LINTOAN, IN
[72] POTHURU, SRINIVASARAO, IN
[72] KUMAR, SATISH, IN
[72] SIDHPURIA, KALPESHKUMAR BHIKHUBHAI, IN
[72] NIWATE, YOGESH SURESH, IN
[72] KUMAR, PRAKASH, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] PURANIK, VIJAYALAKSHMI RAVI, IN
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[72] BORNSCHEUER, UWE, DE
[72] HANLON, STEVEN PAUL, CH
[72] IDING, HANS, CH
[72] PAVLIDIS, IOANNIS, DE
[72] SPURR, PAUL, CH
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[72] BERNTSEN, MARTIJN XANDER, NL
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[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT A L'OZONE EN CONTINU DE PRODUITS DIVISES COMPRENANT DES MOYENS DE CONVOYAGE ET DE VIBRATION DES PRODUITS**
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[72] SAJET, PHILIPPE, FR
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[54] **A SULPHUR ADDITIVE TO SUPPRESS HYDROGEN SULPHIDE EMISSIONS FROM SULPHUR EXTENDED ASPHALT**
[54] **ADDITIF A BASE DE SOUFRE POUR SUPPRIMER LES EMISSIONS DE SULFURE D'HYDROGENE DE L'ASPHALTE DILUE AU SOUFRE**
[72] JASRA, RAKSH VIR, IN
[72] NIWATE, YOGESH SURESH, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] KUMAR, SATISH, IN
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[72] LANNER, DANIEL, SE
[72] SEYFFARTH, MARCUS, SE
[71] MIPS AB, SE
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[54] **CASQUE, DOUBLURE DE CASQUE, REMBOURRAGE DE CONFORT DESTINE A UN CASQUE ET ELEMENT DE LIAISON**
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[72] SEYFFARTH, MARCUS, SE
[72] POMERING, AMY LOUISE, SE
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[72] LAFOREST, LUC, CA
[71] 8801541 CANADA INC., CA
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[54] **COMPOSITION DE CAOUTCHOUC POUR MODULE DE CELLULE SOLAIRE HYBRIDE THERMIQUE/PHOTOVOLTAIQUE DE CELLULE SOLAIRE**
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[71] NISSHINBO MECHATRONICS INC., JP
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[72] ZHANG, YANFENG, CN
[72] ZHANG, LIANG, CN
[72] JI, SHULIN, CN
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[54] **METHOD FOR RECOVERING CALCIUM-CONTAINING SOLID COMPONENT FROM STEELMAKING SLAG AND RECOVERED SOLID COMPONENT**
[54] **PROCEDE DE RECUPERATION DE CONSTITUANT SOLIDE CONTENANT DU CALCIUM A PARTIR DE LAITIER DE FABRICATION D'ACIER ET CONSTITUANT SOLIDE RECUPERE**
[72] FUKUI, YASUSHI, JP
[72] ASABA, AKIHIRO, JP
[72] MATSUO, SHOICHI, JP
[72] YAMAMOTO, MASAYA, JP
[71] NISSHIN STEEL CO., LTD., JP
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[54] **DEVICE AND METHOD FOR PROCESSING OF RESIDUAL VALUES WHEN CONTROLLING A SENSOR**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DES VALEURS RESIDUELLES LORS DU CONTROLE D'UN CAPTEUR**
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[72] ZIMMERMANN, STEFFEN, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **PROCEDE ET SYSTEME PERMETTANT D'EXAMINER DES □UFS**
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[71] LIVEGG (2015) LTD, IL
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[54] **METHOD FOR PRODUCING HOLLOW STABILIZER**
[54] **PROCEDE DE FABRICATION D'UN STABILISATEUR CREUX**
[72] WAKABAYASHI, YUTAKA, JP
[72] TAKAHASHI, KEN, JP
[72] SUGAWARA, MASATO, JP
[72] OKADA, HIDEKI, JP
[71] NHK SPRING CO., LTD., JP
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[54] **THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, METHOD OF PRODUCING THICK STEEL PLATE FOR STRUCTURAL PIPES OR TUBES, AND STRUCTURAL PIPES AND TUBES**
[54] **TOLE D'ACIER EPAISSE POUR TUBE DE CONSTRUCTION, PROCEDE DE FABRICATION DE TOLE D'ACIER EPAISSE POUR TUBE DE CONSTRUCTION, ET TUBE DE CONSTRUCTION**
[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[72] OTA, SHUSAKU, JP
[71] JFE STEEL CORPORATION, JP
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[72] TAKEUCHI, MANABU, JP
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[72] STRUCK, DETLEF, DE
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[54] **COMBINATION WEIGHING DEVICE**
[54] **DISPOSITIF DE PESAGE COMBINE**
[72] TAKAYANAGI, KAZUO, JP
[72] KIKUCHI, KOUHEI, JP
[71] YAMATO SCALE CO., LTD., JP
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[54] **REDUCTEUR DE VITESSE A DEUX LIGNES INTERMEDIAIRES DE TRANSMISSION**
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[72] FERAUD, BENJAMIN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
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[25] EN
[54] **HEAT SEALED PACKAGING ASSEMBLIES AND METHODS OF PRODUCING AND USING THE SAME**
[54] **ENSEMBLES D'EMBALLAGE THERMOSOUDES ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] MCDONALD, JOHN, US
[72] COMERFORD, FRANK, US
[72] COMERFORD, MYLES, US
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[54] **METHOD OF MEASURING CARBONATION LEVELS IN OPEN-CONTAINER BEVERAGES**
[54] **PROCEDE DE MESURE DES TAUX DE CARBONATATION DANS DES BOISSONS EN CONTENANT OUVERT**
[72] BAKHAREV, ALEKSEY, US
[72] MOISE, HERRIOT, US
[72] ZHENG, MIN FENG, US
[71] PEPSICO, INC., US
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[72] HASEGAWA, NOBUHIRO, JP
[72] IMAI, TOSHIO, JP
[72] NAGAMINE, HIROSHI, JP
[72] NAKAZONO, HAYATO, JP
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[72] SWAN, SCOT A., US
[72] PALYS, LEONARD H., US
[72] BRENNAN, JOSEPH M., US
[72] ABRAMS, MICHAEL B., US
[72] SCHWARTZ, SCOTT J., US
[71] ARKEMA INC., US
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[54] **VANNE A DOUBLE ISOLEMENT ET PURGE AUTO-NETTOYANTE**
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[72] WAYCHAL, SHRIKANT, IN
[72] SANKPAL, VIJAY, IN
[71] OMNI VALVE COMPANY, LLC, US
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[54] **PROCEDE DE PRODUCTION DE POUDRE DE COBALT**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] DOI, YASUO, JP
[72] IKEDA, OSAMU, JP
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[54] **ENSEMBLE DE CUISSON**
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[71] BROWN, COREY JOHN MURRAY, BS
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[54] **SYSTEME ET PROCEDE POUR SERINGUE DE SECURITE**
[72] SHLUZAS, ALAN E., US
[72] DIAZ, STEPHEN H., US
[72] SHANLEY, JOHN F., US
[72] TILLACK, JEFF, US
[72] THAYER, DAN, US
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[54] **DISPOSITIFS POUVANT ETRE PORTES CONFIGURES DE FACON A PRENDRE EN CHARGE LA MESURE ET APPAREIL DE TRANSMISSION**
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[71] ABREU, MARCIO MARC, US
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[54] **APPAREIL CONFIGURE POUR SUPPORTER UN DISPOSITIF SUR LA TETE**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
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[54] **COLORED ORGANIC PEROXIDE COMPOSITIONS AND METHODS FOR BREAKING HYDRAULIC FRACTURING FLUIDS**
[54] **COMPOSITIONS DE PEROXYDE ORGANIQUE COLOREES ET PROCEDES POUR REDUIRE LA VISCOSITE DE FLUIDES DE FRACTURATION HYDRAULIQUE**
[72] DESPOTOPOULOU, MARINA, US
[72] SWAN, SCOT A., US
[72] PALYS, LEONARD H., US
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[54] **SURVEILLANCE DE SUBSTANCES DANS UN ESPACE ANNULAIRE DE PUITS**
[72] FOUDA, AHMED E., US
[72] WILSON, GLENN A., SG
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SCINTILLATEUR LIQUIDE EQUILIBRE EN PRESSION PERMETTANT UNE DETECTION DES RAYONS GAMMA DE FOND DE TROU**
[72] CULL, ROBERT JONATHAN, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ANALYSIS OF TEMPERATURE SIGNALS FROM AN ABREU BRAIN THERMAL TUNNEL**
[54] **SYSTEMES ET PROCEDES POUR L'ANALYSE DE SIGNAUX DE TEMPERATURE A PARTIR D'UN TUNNEL THERMIQUE CEREBRAL D'ABREU ET TRAITEMENT DE PATHOLOGIES HUMAINES PAR LE BIAIS DU TUNNEL THERMIQUE CEREBRAL D'ABREU**
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[72] ONGCHIN, DERRICK, US
[72] WOO, BENNETT, US
[72] YU, CHEE, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **OUTIL ET SYSTEME DE FOND DE TROU ET PROCEDE POUR CEUX-CI**
[72] DAVIES, EVAN, US
[72] VANLUE, DUKE, US
[72] AVILA, MIGUEL, US
[71] DOWNHOLE TECHNOLOGY, LLC, US
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[54] **DEVICE CONFIGURED TO BE SUPPORTED ON A HUMAN BODY, TO MEASURE A BIOLOGICAL PARAMETER OF THE HUMAN BODY, AND TO CONTROL A CHARACTERISTIC OF THE HUMAN BODY**
[54] **DISPOSITIF CONCU POUR ETRE PORTE SUR UN CORPS HUMAIN, MESURER UN PARAMETRE BIOLOGIQUE DU CORPS HUMAIN, ET SURVEILLER UNE CARACTERISTIQUE DU CORPS HUMAIN**
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[71] ABREU, MARCIO MARC, US
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[54] **ENSEMBLE FREIN A MAIN**
[72] MICHEL, MARK, US
[72] GLENN, DEON, US
[72] KIRK, TAMMY, US
[71] AMSTED RAIL COMPANY, INC., US
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[54] **MATERIAU DE BASE D'ELECTRODE A DIFFUSION GAZEUSE ET SON PROCEDE DE FABRICATION**
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[72] WAKATABE, MICHIO, JP
[72] KATO, SHO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **DISPOSITIF DE SUSPENSION POUR SYSTEMES D'ESSIEU/DE SUSPENSION**
[72] MCCOMSEY, KEITH D., US
[72] CARR, KIMM L., US
[72] MUCKELRATH, BRETT L., US
[71] HENDRICKSON USA, L.L.C., US
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[54] **PRINTED USER INTERFACE**
[54] **INTERFACE UTILISATEUR IMPRIMEE**
[72] BROEN, MARTIN EDUARDO, US
[72] SALVATO, DOMINICK, US
[72] DALY, PETER RANDALL, US
[71] PEPSICO, INC., US
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[54] **PEDESTRIAN PROTECTION AUTOMOTIVE HINGE**
[54] **CHARNIERE DE VEHICULE AUTOMOBILE POUR LA PROTECTION DES PIETONS**
[72] PATTERSON, PATRICK, GB
[71] MULTIMATIC INC., CA
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[54] **COPOLYMERES DE POLYSACCHARIDE-POLYAMINE POUR L'ELIMINATION DE PHOSPHATE**
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[72] YANG, DAZHI, US
[71] HOWARD UNIVERSITY, US
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[54] **FIBROUS BASIC MAGNESIUM SULFATE, PRODUCTION PROCESS THEREFOR AND RESIN COMPOSITION THEREOF**
[54] **SULFATE DE MAGNESIUM BASIQUE FIBREUX, SON PROCEDE DE FABRICATION ET COMPOSITION DE RESINE A BASE DE CE SULFATE**
[72] SAITO, TATEHARU, JP
[72] MIYATA, SHIGEO, JP
[71] KYOWA CHEMICAL INDUSTRY CO., LTD., JP
[85] 2017-09-20
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[54] **DAIRY COMPOSITIONS**
[54] **COMPOSITIONS LAITIERES**
[72] LU, SABRINA, CA
[72] LAYE, ISABELLA, US
[72] KIMMEL, JENNIFER LOUISE, US
[72] LEVINE, ILSE D., US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[25] EN
[54] **A PROCESS FOR PRODUCING HYDROGEN AND GRAPHITIC CARBON FROM HYDROCARBONS**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE ET DE CARBONE GRAPHITIQUE A PARTIR D'HYDROCARBURES**
[72] CORNEJO, ANDREW, AU
[72] CHUA, HUI TONG, AU
[71] HAZER GROUP LIMITED, AU
[85] 2017-09-21
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[25] EN
[54] **MICROCARRIERS, MATRICES AND SCAFFOLDS FOR CULTURING MAMMALIAN CELLS AND METHODS OF MANUFACTURE**
[54] **MICRO-SUPPORTS, MATRICES ET ECHAFAUDAGES POUR LA CULTURE DE CELLULES DE MAMMIFERE ET PROCEDES DE FABRICATION**
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[72] YANG, DAZHI, US
[71] HOWARD UNIVERSITY, US
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[54] **BARRIERE THERMIQUE POUR L'UTILISATION DANS LA CONSTRUCTION**
[72] KNOBLAUCH, JEFFREY S., CA
[72] KRISH, JARED D., CA
[71] JK WORLDWIDE ENTERPRISES INC., CA
[85] 2017-09-21
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[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR AN ACCESS CONTROL SYSTEM**
[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR SYSTEME DE COMMANDE D'ACCES**
[72] KARAM, ANTHONY, AU
[72] LALETIN, GREGORI ALEXANDRAVICH, AU
[72] WALSH, KEVIN JOHN, AU
[71] TMA CAPITAL AUSTRALIA PTY LTD, AU
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[54] **COMPOSITIONS ET METHODES POUR INHIBER LES KINASES**
[72] WERNER, MILTON, H., US
[72] KELLY, TERENCE, A., US
[71] INHIBIKASE THERAPEUTICS, INC., US
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[30] US (62/151,659) 2015-04-23
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[54] **CASQUE DE VELO CAPABLE APTE A COMMUTER UN MODE DE GUIDAGE VOCAL A PARTIR D'ECOUTEURS A CONDUCTION OSSEUSE**
[72] RONG, ERIC, CN
[72] ZHONG, XIN, CN
[72] SHI, RIJIAN, CN
[72] XIAO, XIAOCHUN, CN
[72] WANG, DONGHONG, CN
[71] DONGGUAN YUANFENG TECHNOLOGY CO., LTD., CN
[71] GUANGDONG YUANFENG ELECTRONIC TECHNOLOGY CO., LTD., CN
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[54] **TURBINE EOLIENNE A PROFILS AERODYNAMIQUES MULTIPLES A BOUCLE FERMEE**
[72] FARRANT, HARVARD M., CA
[71] FARRANT, HARVARD M., CA
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[30] CA (2,886,731) 2015-03-31

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[54] **NEUROMODULATION DES FIBRES MOTRICES**
[72] PARKER, JOHN LOUIS, AU
[71] SALUDA MEDICAL PTY LTD, AU
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[25] EN
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[54] **DETECTION SIMULTANEE DE COMPOSES LIES A UNE ODEUR ATYPIQUE OU SEXUELLE DANS DES TISSUS ANIMAUX**
[72] LUND, BIRGITTE LANGE WINTHER, DK
[72] MEINERT, LENE, DK
[72] BORGGARD, CLAUS, DK
[71] TEKNOLOGISK INSTITUT, DK
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[25] EN
[54] **CONDENSED RING DERIVATIVE, AND PREPARATION METHOD, INTERMEDIATE, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE CYCLIQUE CONDENSE, ET PROCEDE DE PREPARATION, INTERMEDIAIRE, COMPOSITION PHARMACEUTIQUE ET UTILISATION DE CELUI-CI**
[72] XU, ZUSHENG, CN
[72] ZHANG, NONG, CN
[72] SUN, QINGRUI, CN
[72] WU, TIANZHI, CN
[71] SHANGHAI YINGLI PHARMACEUTICAL CO., LTD, CN
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[30] CN (201510131828.5) 2015-03-24

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[51] **Int.Cl. A61B 17/04 (2006.01)**
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[54] **SUTURE ANCHOR COMPRISING SUTURE FILAMENT AND SUTURE TAPE**
[54] **ANCRAGE DE SUTURE COMPRENANT UN FILAMENT DE SUTURE ET UNE BANDE DE SUTURE**
[72] MILLER, PETER C., US
[72] REEDY, JEREMY, US
[71] CONMED CORPORATION, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023379)
[87] (WO2016/154099)
[30] US (62/136,557) 2015-03-22

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[25] EN
[54] **BIPHASIC CERAMIC BONE SUBSTITUTE**
[54] **SUBSTITUT OSSEUX CERAMIQUE BIPHASIQUE**
[72] LIDGREN, LARS, SE
[71] BONE SUPPORT AB, SE
[85] 2017-09-21
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[87] (WO2016/150876)
[30] EP (15160388.3) 2015-03-23

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[25] EN
[54] **DISPLAY DEVICE WITH DIRECTIONAL CONTROL OF THE OUTPUT, AND A BACKLIGHT FOR SUCH A DISPLAY DEVICE AND A LIGHT DIRECTION METHOD**
[54] **DISPOSITIF D'AFFICHAGE A COMMANDE DIRECTIONNELLE DE LA SORTIE, ET RETROECLAIRAGE POUR UN TEL DISPOSITIF D'AFFICHAGE ET PROCEDE D'ORIENTATION DE LUMIERE**
[72] VDOVIN, OLEXANDR VALENTYNOVYCH, NL
[72] VAN PUTTEN, EIBERT GERJAN, NL
[72] KROON, BART, NL
[72] JOHNSON, MARK THOMAS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2017-09-21
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[25] EN
[54] **RHEOLOGICAL BLOOD REPLACEMENT SOLUTION AND USES THEREOF**
[54] **SOLUTION RHEOLOGIQUE DE REMPLACEMENT DU SANG ET SON UTILISATION**
[72] ECKELT, JOHN, DE
[71] UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056141)
[87] (WO2016/150909)
[30] EP (15160756.1) 2015-03-25

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[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR AUTOMATIC TUNING OF A CONTROLLER**
[54] **PROCEDE ET DISPOSITIF DE REGLAGE AUTOMATIQUE D'UN CONTROLEUR**
[72] JAHANSHAHI, ESMAEIL, NO
[72] SIVALINGAM, SELVANATHAN, NO
[72] SCHOFIELD, JOHN BRADFORD, CH
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
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[30] EP (15160327.1) 2015-03-23

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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE PUNCTURE DEVICE**
[54] **DISPOSITIF DE PERFORATION PAR AIGUILLE**
[72] MAO, YALING, CN
[71] GEMTIER MEDICAL (SHANGHAI) INC., CN
[85] 2017-09-21
[86] 2016-11-22 (PCT/CN2016/106819)
[87] (WO2017/088737)
[30] CN (201520939839.1) 2015-11-23
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[30] CN (201610531579.3) 2016-07-07

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[51] **Int.Cl. F41H 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING THE LEVEL OF THREAT**
[54] **PROCEDE D'EVALUATION DU NIVEAU DE MENACE**
[72] LABREUCHE, CHRISTOPHE, FR
[72] POUYLLAU, HELIA, FR
[72] SAVEANT, PIERRE, FR
[72] SEMET, YANN, FR
[72] HAMMING, JAN-EGBERT, NL
[72] HOUTSMA, MAURICE, NL
[71] THALES, FR
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/056424)
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[30] EP (15290081.7) 2015-03-23

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[51] **Int.Cl. C07D 251/22 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE FOR TREATING MULTIPLE MYELOMA**
[54] **UTILISATION DE 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE POUR LE TRAITEMENT DU MYELOME MULTIPLE**
[72] SCHOLZ, ARNE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056089)
[87] (WO2016/150893)
[30] EP (15160582.1) 2015-03-24

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[51] **Int.Cl. A43B 13/12 (2006.01) A43B 7/14 (2006.01) A43B 13/18 (2006.01) A43B 13/40 (2006.01)**
[25] EN
[54] **SHOE INSOLE**
[54] **SEMELLE INTERIEURE DE CHAUSSURE**
[72] GRANGER, DAVID BRADLEY, US
[72] MARTINEZ, JACOB, US
[71] IMPLUS FOOTCARE, LLC, US
[85] 2017-09-20
[86] 2016-04-25 (PCT/US2016/029155)
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[30] US (62/167,763) 2015-05-28
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **AGENTS BINDING SPECIFICALLY TO HUMAN CADHERIN-17, HUMAN CADHERIN-5, HUMAN CADHERIN-6 AND HUMAN CADHERIN-20 RGD MOTIF**
[54] **AGENTS SE LIANT SPECIFIQUEMENT AU MOTIF RGD DE LA CADHERINE 17 HUMAINE, DE LA CADHERINE 5 HUMAINE, DE LA CADHERINE 6 HUMAINE ET DE LA CADHERINE 20 HUMAINE**
[72] CASAL ALVAREZ, JOSE IGNACIO, ES
[72] BARTOLOME CONDE, RUBEN ALVARO, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[85] 2017-09-21
[86] 2015-04-20 (PCT/EP2015/058527)
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[13] A1
[51] **Int.Cl. G01S 17/74 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM AND METHOD FOR TRACKING A CARRIER OF A MOBILE COMMUNICATION UNIT**
[54] **SYSTEME ET PROCEDE DE POURSUITE DU PORTEUR D'UNE UNITE DE COMMUNICATION MOBILE**
[72] FEIL, HENRY, DE
[71] OSRAM GMBH, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056082)
[87] (WO2016/150890)
[30] DE (10 2015 205 220.6) 2015-03-23

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[13] A1
[51] **Int.Cl. G01C 19/72 (2006.01)**
[25] EN
[54] **PHASE MODULATOR FOR FIBER-OPTIC GYROSCOPES CONTROLLED IN A ZERO-MEAN MANNER AND A FIBER-OPTIC GYROSCOPE**
[54] **MODULATEUR DE PHASE COMMANDE A VALEUR MOYENNE NULLE POUR GYROSCOPES A FIBRE OPTIQUE ET GYROSCOPE A FIBRE OPTIQUE**
[72] SPAHLINGER, GUNTER, DE
[72] DEPPE-REIBOLD, OLAF, DE
[71] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2017-09-21
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[30] DE (10 2015 004 039.1) 2015-03-27

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[51] **Int.Cl. C21C 5/52 (2006.01) C21C 7/00 (2006.01) C22C 38/02 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF IRON-SILICON-ALUMINUM ALLOYS AND THEIR USE**
[54] **PROCEDE DE PRODUCTION D'ALLIAGES FER-SILICIUM-ALUMINIUM ET LEUR UTILISATION**
[72] SHKOLNIK, VLADIMIR SERGEYEVICH, KZ
[72] ZHARMENOV, ABDURASSUL ALDASHEVICH, KZ
[72] TOLYMBEKOV, MANAT ZHAKSYBERGENOVICH, KZ
[72] BAYSANOV, SAYLAUBAY OMAROVICH, KZ
[72] NAZARBAYEV, NURSULTAN ABISHEVICH, KZ
[71] MEGALLOY AG, CH
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/000506)
[87] (WO2016/155873)
[30] EP (15000931.4) 2015-03-30

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[51] **Int.Cl. A63F 13/52 (2014.01) A63F 13/35 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRESENTING GAME-RELATED INFORMATION**
[54] **PROCEDE ET SYSTEME DE PRESENTATION D'INFORMATIONS RELATIVES A UN JEU**
[72] BOKOWSKI, CHAD, US
[72] SUTTER, DAVID, US
[72] SPITZER, COREY, US
[72] WHITTEN, GORDON, US
[71] SCOREVISION, LLC, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023453)
[87] (WO2016/154134)
[30] US (62/136,269) 2015-03-20
[30] US (15/076,133) 2016-03-21

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[13] A1
[51] **Int.Cl. G05B 19/404 (2006.01) B23Q 15/22 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A GEAR-PROCESSING MACHINE**
[54] **PROCEDE SERVANT A FAIRE FONCTIONNER UN MACHINE A USINAGE DE DENTURE**
[72] WEBER, JURGEN, DE
[72] RIBBECK, KARL-MARTIN, DE
[72] BLASBERG, HERBERT, DE
[71] KLINGELNBERG AG, CH
[85] 2017-09-21
[86] 2016-03-23 (PCT/EP2016/056310)
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[30] DE (102015104289.4) 2015-03-23

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[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/18 (2006.01) A61F 11/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL TYMPANIC MEMBRANE DEVICES AND USES**
[54] **DISPOSITIFS DE MEMBRANE TYMPANIQUE ARTIFICIELLE ET UTILISATIONS**
[72] REMENSCHNEIDER, AARON K., US
[72] KOZIN, ELLIOTT, US
[72] BLACK, NICOLE, US
[72] MCKENNA, MICHAEL J., US
[72] LEE, DANIEL J., US
[72] LEWIS, JENNIFER, US
[72] ROSOWSKI, JOHN, US
[72] KOLESKY, DAVID, US
[72] SKYLAR-SCOTT, MARK A., US
[72] VALENTINE, ALEXANDER D., US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-09-20
[86] 2016-03-21 (PCT/US2016/023482)
[87] (WO2016/154148)
[30] US (62/136,097) 2015-03-20
[30] US (62/245,827) 2015-10-23
[30] US (62/247,268) 2015-10-28

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[13] A1
[51] **Int.Cl. A01N 37/46 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **USE OF AN INSECTICIDAL CARBOXAMIDE COMPOUND AGAINST PESTS ON CULTIVATED PLANTS**
[54] **UTILISATION D'UN COMPOSE DE CARBOXAMIDE INSECTICIDE CONTRE LES NUISIBLES SUR DES PLANTES CULTIVEES**
[72] SIKULJAK, TATJANA, DE
[72] REINHARD, ROBERT, DE
[72] DAESCHNER, KLAUS, DE
[72] AREVALO, ALEJANDRO, US
[71] BASF AGROCHEMICAL PRODUCTS B.V., NL
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057502)
[87] (WO2016/162371)
[30] US (62/143,847) 2015-04-07
[30] EP (15201358.7) 2015-12-18

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[51] **Int.Cl. H02K 3/32 (2006.01) H02K 17/42 (2006.01) H02P 1/26 (2006.01)**
[25] EN
[54] **ELECTRICAL CURRENT GENERATOR BASED ON THE MOVEMENT AND INDUCTION OF PERMANENT MAGNETS AND RESONANT COILS**
[54] **GENERATEUR DE COURANT ELECTRIQUE FONDE SUR LE MOUVEMENT ET L'INDUCTION D'AIMANTS PERMANENTS ET DE BOBINES RESONANTES**
[72] MORENO MAGDALENO, ANA MARIA, ES
[71] ENERGY RESONANCE MAGNETIC, S.L., ES
[85] 2017-09-21
[86] 2016-02-16 (PCT/ES2016/070089)
[87] (WO2016/151160)
[30] ES (P201530398) 2015-03-26

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[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE FOR TREATING LYMPHOMAS**
[54] **UTILISATION DE 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE POUR TRAITER DES LYMPHOMES**
[72] SCHOLZ, ARNE, DE
[72] ISHIDA, TAKASHI, JP
[71] PUBLIC UNIVERSITY CORPORATION NAGOYA CITY UNIVERSITY, JP
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-21
[86] 2016-03-21 (PCT/EP2016/056112)
[87] (WO2016/150903)
[30] EP (15160590.4) 2015-03-24

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C04B 24/26 (2006.01) C04B 28/02 (2006.01) C09K 8/487 (2006.01) C09K 8/508 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE AND THE RHEOLOGY**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT ET DE LA RHEOLOGIE**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057544)
[87] (WO2016/162386)
[30] FR (15 00700) 2015-04-07

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[13] A1
[51] **Int.Cl. C02F 11/12 (2006.01)**
[25] EN
[54] **WASTE MATERIAL PROCESS AND PRODUCT**
[54] **TRAITEMENT ET PRODUIT DE MATERIAU DE DECHETS**
[72] MCMILLAN, NICHOLAS ROBERT, NZ
[72] HOOPER, CARL RAMON, NZ
[71] 3E NUTRITION LIMITED, NZ
[85] 2017-09-21
[86] 2015-04-01 (PCT/IB2015/052380)
[87] (WO2015/155631)
[30] NZ (623538) 2014-04-07

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C04B 24/26 (2006.01) C04B 28/02 (2006.01) C09K 8/487 (2006.01) C09K 8/508 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057546)
[87] (WO2016/162387)
[30] FR (15 00698) 2015-04-07

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **REDUCED PRESSURE APPARATUSES**
[54] **APPAREILS A PRESSION REDUITE**
[72] GOWANS, JOHN PHILIP, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] ASKEM, BEN ALAN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2017-09-21
[86] 2016-04-26 (PCT/EP2016/059329)
[87] (WO2016/174048)
[30] US (62/153,483) 2015-04-27
[30] US (62/154,078) 2015-04-28

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[13] A1
[51] **Int.Cl. C08F 293/00 (2006.01) C08F 261/04 (2006.01) C08F 291/00 (2006.01) C08L 53/00 (2006.01) C09K 8/46 (2006.01) C09K 8/487 (2006.01)**
[25] FR
[54] **SEQUENCED POLYMERS FOR MONITORING THE FILTRATE**
[54] **POLYMERES SEQUENCES POUR LE CONTROLE DU FILTRAT**
[72] CADIX, ARNAUD, FR
[72] WILSON, JAMES DAVID, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-09-21
[86] 2016-04-06 (PCT/EP2016/057547)
[87] (WO2016/162388)
[30] FR (15/00699) 2015-04-07

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[13] A1
[51] **Int.Cl. A61C 17/34 (2006.01) A61C 17/24 (2006.01)**
[25] EN
[54] **DEVICE FOR BRUSHING THE TEETH, HAVING MULTIPLE BRUSHES WITH ROTARY AND/OR OSCILLATING MOTION**
[54] **DISPOSITIF POUR BROSSER LES DENTS, COMPRENANT DE MULTIPLES BROSSES AVEC UN MOUVEMENT ROTATIF ET/OU OSCILLANT**
[72] DOMINICI, ALDO DANIELE, IT
[71] GLARESMILE S.R.L., IT
[85] 2017-09-21
[86] 2016-04-01 (PCT/EP2016/057198)
[87] (WO2016/162275)
[30] IT (MI2015A000498) 2015-04-08

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[13] A1
[51] **Int.Cl. E05D 3/18 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **CONCEALED HINGE FOR DOORS**
[54] **CHARNIERE CACHEE POUR PORTES**
[72] MIGLIORANZO, IVANO, IT
[71] OL.MI S.R.L., IT
[85] 2017-09-21
[86] 2016-03-25 (PCT/IB2016/051708)
[87] (WO2016/151541)
[30] IB (PCT/IB2015/052183) 2015-03-25

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[13] A1
[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**
[25] EN
[54] **ROTOR FOR A FLUID PUMP, AND METHOD AND MOLD FOR MANUFACTURING SAME**
[54] **ROTOR DESTINE A UNE POMPE A FLUIDE ET PROCEDE ET MOULE DE COULEE POUR SA FABRICATION**
[72] SIESS, THORSTEN, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
[85] 2017-09-21
[86] 2016-04-29 (PCT/EP2016/059703)
[87] (WO2016/174252)
[30] EP (15166045.3) 2015-04-30

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[13] A1
[51] **Int.Cl. F16K 47/08 (2006.01)**
[25] EN
[54] **ENERGY RECOVERING FLOW CONTROL VALVES**
[54] **SOUPAPES DE LIMITATION DE DEBIT DE RECUPERATION D'ENERGIE**
[72] MALAVASI, STEFANO, IT
[71] POLITECNICO DI MILANO, IT
[85] 2017-09-21
[86] 2016-03-30 (PCT/IB2016/051782)
[87] (WO2016/157085)
[30] IT (102015000010298) 2015-03-30

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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HIGH GAS FLOW**
[54] **PROCEDES ET APPAREIL POUR DEBIT DE GAZ ELEVE**
[72] WHITE, CRAIG KARL, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] KEOGH, GERALDINE FRANCES, NZ
[72] CONNOLLY, NICHOLAS SIMON DAVID, NZ
[72] PATEL, ANIL, NZ
[72] NOURAEI, SEYED AHMAD REZA, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-09-21
[86] 2016-03-31 (PCT/IB2016/051816)
[87] (WO2016/157102)
[30] US (62/140,727) 2015-03-31
[30] US (62/232,231) 2015-09-24

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY**
[54] **INTERFACE UTILISATEUR ET SYSTEME DE FOURNITURE DE GAZ A UNE VOIE RESPIRATOIRE**
[72] HOLYOAKE, BRUCE GORDON, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
[72] PATEL, ANIL, NZ
[72] NOURAEI, SEYED AHMAD REZA, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] BARNES, THOMAS HEINRICH, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] WHITE, CRAIG KARL, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] HERMEZ, LAITH ADEEB, NZ
[72] KLINK, GERMAN, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] EDWARDS, TAYLOR JAMER, NZ
[72] BURGESS, AIDAN ROBERT, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **PROCEDE DE FABRICATION D'UN SULFURE MIXTE DE NICKEL ET DE COBALT ET PROCEDE HYDROMETALLURGIQUE POUR MINERAI D'OXYDE DE NICKEL**
[72] YONEYAMA, TOMOAKI, JP
[72] MITSUI, HIROYUKI, JP
[72] ENOMOTO, MANABU, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[72] WAKABAYASHI, YUTAKA, JP
[72] TAKAHASHI, KEN, JP
[72] SUGAWARA, MASATO, JP
[72] OKADA, HIDEKI, JP
[71] NHK SPRING CO., LTD., JP
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[54] **COMPOSITION ET CORPS STRATIFIE**
[72] NAKAGAWA, HIDETO, JP
[72] OZAKI, HIDENORI, JP
[72] GOBOU, KENJI, JP
[72] OGITA, KOICHIRO, JP
[71] DAIKIN INDUSTRIES, LTD., JP
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[54] **STABILISATEUR ET SON PROCEDE DE FABRICATION**
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[71] NHK SPRING CO., LTD., JP
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[54] **COMPOSITION DE TETRACYCLINE PHARMACEUTIQUE POUR USAGE DERMATOLOGIQUE**
[72] CHEN, XIN, US
[72] HERMSMEIER, MAIKO C., US
[72] LAC, DIANA, US
[72] THOMAS, DOUGLAS W., US
[72] YAM, NOYMI, US
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[54] **MATERIAU DE BASE POREUX POUR ELECTRODE ET PROCEDE DE PRODUCTION CORRESPONDANT**
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[71] MITSUBISHI CHEMICAL CORPORATION, JP
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[54] **PROCEDE DE LIAISON DE METAL, D'ELEMENT EN RESINE ET D'ELEMENT EN RESINE RENFORCEE PAR DES FIBRES DE CARBONE**
[72] YASUYAMA, MASANORI, JP
[72] TOKUNAGA, MASATOSHI, JP
[72] SAKAMOTO, TERUKI, JP
[72] TAMEZANE, TAKUMI, JP
[72] YOSHINAGA, CHISATO, JP
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[54] **ENTITE DE PROTECTION DE RESEAU ET PROCEDE POUR PROTEGER UN RESEAU DE COMMUNICATION CONTRE DES MESSAGES FRAUDULEUX**
[72] VAN DEN BERGE, FRIDTJOF, DE
[71] DEUTSCHE TELEKOM AG, DE
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[54] **APPAREIL POUR TRANSPORTER DES TRACEURS CHIMIQUES SUR DES ELEMENTS TUBULAIRES DE FOND DE TROU, DES CREPINES, ET SIMILAIRE**
[72] SLADIC, JOHN A., US
[72] DEVARAJAN, KANNAN, AE
[72] KHOBRAGADE, PANKAJ, AE
[72] FERNANDES, PRAKASH, AE
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[54] **LIGNEES CELLULAIRES EXEMPTES D'INFECTION VIRALE ET LEURS PROCEDES DE PRODUCTION**
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[72] BLISSARD, GARY, US
[72] DEBBIE, PAUL, US
[71] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETECTER UN CODE INFORMATIQUE COPIE, A L'AIDE D'EMPREINTES DIGITALES**
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[72] MOORE, MICHAEL, US
[72] BLAZAKIS, DIONYSUS, US
[71] TERBIUM LABS, INC., US
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[72] BARRACLOUGH, MICHAEL ROBERT, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] GULLIVER, LAURENCE, NZ
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] CHEUNG, DEXTER CHI LUN, NZ
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[72] ASSI, MILANJOT SINGH, NZ
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[54] **MOTEUR DE LUMIERE DE LUMINOTHERAPIE**
[72] GAMELIN, ANDRE S., US
[72] GROSS, MARTYN C., US
[72] SCHMIDT, JACK, US
[72] MACNEISH, WILLIAM JACK, III, US
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[54] **CARTOUCHE DE RASOIR DE RASAGE**
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[72] JOLLEY, WILLIAM OWEN, US
[71] THE GILLETTE COMPANY LLC, US
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[72] YU, LINGFENG, US
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[72] DEEGAN, PAUL TIMOTHY, US
[72] IFFT, STEPHEN ARTHUR, US
[71] DIETERICH STANDARD, INC., US
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[54] **ENERGIE STOCKEE POUR VALVE A SURETE INTEGREE**
[72] CHARLES, DONALD E., US
[71] SIEMENS INDUSTRY, INC., US
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[25] EN
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[54] **CARTOUCHE DE RASOIR**
[72] WASHINGTON, JACK ANTHONY, US
[71] THE GILLETTE COMPANY LLC, US
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[54] **CARTOUCHE DE RASOIR DE RASAGE**
[72] BRUNO, MICHAEL HAL, US
[72] WASHINGTON, JACK ANTHONY, US
[71] THE GILLETTE COMPANY LLC, US
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[71] ZIMMER, INC., US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ETAT EN TEMPS REEL D'UN SYSTEME DE POMPAGE SUBMERSIBLE ELECTRIQUE**
[72] MARVEL, ROBERT LEE, US
[72] WALKER, TYLER, US
[72] BHATNAGAR, SAMVED, US
[71] GE OIL & GAS ESP, INC., US
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[54] **BARRIERE DE RAIL DE CABLE HORIZONTAL**
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[72] SHERSTAD, MATTHEW CARLYLE, US
[71] FORTRESS IRON, LP, US
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[25] EN
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[54] **ISOLAT DE PROTEINE DE MAIS ET PROCEDES POUR LE PRODUIRE**
[72] CHEN, YUMIN, US
[72] PETERS, EUGENE MAX, JR., US
[72] PORTER, MICHAEL A., US
[72] WILSON, CRAIG A., US
[72] YEHIA, HADI NAYEF, US
[72] ZHENG, GUO-HUA, US
[71] CARGILL, INCORPORATED, US
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[25] EN
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[54] **ANALYSE NUMERIQUE DE CELLULES TUMORALES CIRCULANTES DANS DES ECHANTILLONS DE SANG**
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[72] KAPUR, RAVI, US
[72] TONER, MEHMET, US
[72] MAHESWARAN, SHYAMALA, US
[72] HONG, XIN, US
[72] MIYAMOTO, DAVID TOMOAKI, US
[72] TODOROVA, TANYA, US
[72] JAVAID, SARAH, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **IMITATION LIPSTICK WITH CONCEALED TOOTH CLEANING IMPLEMENT**
[54] **ROUGE A LEVRES FACTICE COMPRENANT UN ACCESSOIRE DE NETTOYAGE DES DENTS DISSIMULE**
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[72] BRILLIANT, JO ANNE, US
[72] SCHWARTZ, ROBERT M., US
[71] G AND E INTERNATIONAL LLC, US
[85] 2017-09-21
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[87] (WO2017/014813)
[30] US (62/138,649) 2015-03-26
[30] US (62/168,417) 2015-05-29
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[54] **DISPOSITIF DE SERRAGE ACTIONNE PAR FORCE POUR UNE PROTHESE IMPLANTABLE**
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[71] C.R. BARD, INC., US
[85] 2017-09-21
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[30] US (62/176,885) 2015-03-26

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[25] EN
[54] **TOWING ASSEMBLY WITH AUTOMATIC LOCK**
[54] **ENSEMBLE REMORQUAGE COMPRENANT UN VERROU AUTOMATIQUE**
[72] FINCHER, CHARLES KENNITH, US
[71] DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY, US
[85] 2017-09-21
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[30] US (14/666,722) 2015-03-24

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[25] EN
[54] **TOWING ASSEMBLY WITH AUTOMATIC ARTICULATING MECHANISM**
[54] **ENSEMBLE DE REMORQUAGE A MECANISME AUTOMATIQUE**
[72] FINCHER, CHARLES KENNITH, US
[71] DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY, US
[85] 2017-09-21
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[54] **MAGNETIC BASE BEVERAGE CONTAINER**
[54] **CONTENANT DE BOISSON A BASE MAGNETIQUE**
[72] PINCHUK, LEONARD, US
[71] PINCHUK, LEONARD, US
[85] 2017-09-21
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[54] **COGNITIVE TRAINING UTILIZING INTERACTION SIMULATIONS TARGETING STIMULATION OF KEY COGNITIVE FUNCTIONS**
[54] **APPRENTISSAGE COGNITIF UTILISANT DES SIMULATIONS D'INTERACTION CIBLANT UNE STIMULATION DE FONCTIONS COGNITIVES CLES**
[72] SCHAEFGEN, MATTHEW POLLARD, US
[71] SCHAEFGEN, MATTHEW POLLARD, US
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[54] **CAP FOR CONTAINER**
[54] **CAPUCHON POUR RECIPIENT**
[72] MAGUIRE, MICHAEL, US
[71] MAGUIRE, MICHAEL, US
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[86] 2016-03-25 (PCT/US2016/024286)
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[54] **NK-92 CELLS IN COMBINATION THERAPY WITH CANCER DRUGS**
[54] **CELLULES NK-92 UTILISEES DANS UNE POLYTHERAPIE EN ASSOCIATION AVEC DES MEDICAMENTS ANTICANCEREUX**
[72] LEE, TIEN, US
[72] KLINGEMANN, HANS G., US
[72] SIMON, BARRY J., US
[71] NANTKWEST, INC., US
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024360)
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[54] **AUTOMATED AUTOPSY SYSTEM**
[54] **SYSTEME D'AUTOPSIE AUTOMATISE**
[72] HYNNA, KAI, CA
[72] RICHMOND, JOSHUA LEE, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] VUONG, THANH VINH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **WATER PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'EAU**
[72] BRADLEY, JOHN MARTIN, AU
[71] NUBENT PTY LTD, AU
[85] 2017-09-22
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[54] **A METHOD OF TREATING NEOPLASIAS**
[54] **METHODE DE TRAITEMENT DE NEOPLASIES**
[72] WATKINS, DAVID N., AU
[72] MARINI, KIEREN D., AU
[72] DE KRETSER, DAVID MORRITZ, AU
[71] PARANTA BIOSCIENCES LIMITED, AU
[85] 2017-09-22
[86] 2016-03-23 (PCT/AU2016/050213)
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[25] EN
[54] **TOUCHSCREEN TABLET COMPUTING DEVICE SUPPORT**
[54] **SUPPORT POUR DISPOSITIF INFORMATIQUE DE TYPE TABLETTE A ECRAN TACTILE**
[72] GOUPIL, BERNARD, CA
[71] ATLAS DIVERTISSEMENT INC., CA
[85] 2017-09-22
[86] 2016-04-04 (PCT/CA2016/000102)
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[54] **STREPTOCOCCAL VACCINE**
[54] **VACCIN STREPTOCOCCIQUE**
[72] BABB, RACHELLE, AU
[72] ALSHARIFI, MOHAMMED, AU
[72] CHEN, AUSTEN YANNIS, AU
[72] DAVID, SHANNON CHRISTA, AU
[72] HIRST, TIMOTHY RAYMOND, AU
[72] OGUNNIYI, ABIODUN DAVID, AU
[72] PATON, JAMES CLELAND, AU
[71] GPN VACCINES PTY LTD, AU
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[25] EN
[54] **COMPRESSION APPARATUS**
[54] **APPAREIL DE COMPRESSION**
[72] GRAHAM, NEIL DERYCK BRAY, AU
[71] LONG PIPES PTY LTD, AU
[85] 2017-09-22
[86] 2015-06-03 (PCT/AU2015/000332)
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[30] AU (2014902123) 2014-06-03
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[25] EN
[54] **OPERATING ROOM BLACK-BOX DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR EVENT AND ERROR PREDICTION**
[54] **DISPOSITIF DE BOITE NOIRE DE SALLE D'OPERATION, SYSTEME, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] GRANTCHAROV, TEODOR PANTCHEV, CA
[72] YANG, KEVIN LEE, CA
[71] SURGICAL SAFETY TECHNOLOGIES INC., CA
[85] 2017-09-22
[86] 2016-03-24 (PCT/CA2016/000081)
[87] (WO2016/149794)
[30] US (62/138,647) 2015-03-26
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[25] EN
[54] **TEMPERATURE INVARIANT FORCE AND TORQUE SENSOR ASSEMBLIES**
[54] **ENSEMBLES CAPTEURS DE FORCE ET DE COUPLE INSENSIBLES AUX VARIATIONS DE TEMPERATURE**
[72] JANABI-SHARIFI, FARROKH, CA
[72] CHEEMA, ASIM, CA
[72] TAGHIPOUR, ATA, CA
[71] JANABI-SHARIFI, FARROKH, CA
[71] CHEEMA, ASIM, CA
[71] TAGHIPOUR, ATA, CA
[85] 2017-09-22
[86] 2016-03-22 (PCT/CA2016/050331)
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[25] EN
[54] **VALVE PACKING ASSEMBLY HAVING SHAPE-MEMORY MEMBER**
[54] **ENSEMBLE GARNITURE DE VANNE MUNI D'UN ELEMENT A MEMOIRE DE FORME**
[72] BOOR, RICK, CA
[72] GUEROUT, FABRICE, CA
[72] STEVENSON, MATHEW, CA
[71] ATOMIC ENERGY OF CANADA LIMITED/ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[85] 2017-09-22
[86] 2016-03-23 (PCT/CA2016/050332)
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[25] EN
[54] **AGENTS AND COMPOSITIONS FOR ELICITING AN IMMUNE RESPONSE**
[54] **AGENTS ET COMPOSITIONS DESTINES A INDUIRE UNE REPONSE IMMUNITAIRE**
[72] RALPH, STEPHEN, AU
[71] CANCURE LIMITED, AU
[85] 2017-09-22
[86] 2016-04-01 (PCT/AU2016/050250)
[87] (WO2016/154684)
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[51] **Int.Cl. H04W 74/00 (2009.01)**
[25] EN
[54] **METHOD FOR SENDING UPLINK MULTI-USER TRANSMISSION TRIGGER FRAME, ACCESS POINT, AND STATION**
[54] **PROCEDE PERMETTANT D'ENVOYER UNE TRAME DE DECLENCHEMENT DE TRANSMISSION MULTI-UTILISATEUR EN LIAISON MONTANTE, POINT D'ACCES ET STATION**
[72] GUO, YUCHEN, CN
[72] LIN, MEILU, CN
[72] YANG, XUN, CN
[72] YU, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-22
[86] 2015-04-17 (PCT/CN2015/076889)
[87] (WO2016/149970)
[30] CN (PCT/CN2015/074951) 2015-03-24

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **SOLID PHASE NUCLEIC ACID TARGET CAPTURE AND REPLICATION USING STRAND DISPLACING POLYMERASES**
[54] **CAPTURE ET REPLICATION DE CIBLE D'ACIDE NUCLEIQUE EN PHASE SOLIDE A L'AIDE DE POLYMERASES DEPLACANT LES BRINS**
[72] ENGLERT, DAVID FREDERICK, US
[72] SETO, KELLY KAI YIN, CA
[71] AXELA INC., CA
[85] 2017-09-22
[86] 2016-03-29 (PCT/CA2016/050367)
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[30] US (62/138,191) 2015-03-25

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[51] **Int.Cl. B01J 37/00 (2006.01) C10G 49/02 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CATALYST PREPARATION UNIT FOR USE IN PROCESSING OF HEAVY HYDROCARBONS**
[54] **UNITE DE PREPARATION DE CATALYSEUR, DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'HYDROCARBURES LOURDS**
[72] PEREIRA ALMAO, PEDRO, CA
[72] PEREIRA COTA, AMELI SOFIA, CA
[72] COY PLAZAS, ALEJANDRO, CA
[72] SCOTT, CARLOS EDUARDO, CA
[71] PC-CUPS LTD., CA
[85] 2017-09-22
[86] 2016-04-07 (PCT/CA2016/050399)
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[13] A1
[51] **Int.Cl. A46B 17/04 (2006.01)**
[25] EN
[54] **MOBILE TOOTHBRUSH HOLDER**
[54] **SUPPORT DE BROSSE A DENTS MOBILE**
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[71] MAXOR INC., CA
[85] 2017-09-22
[86] 2016-04-13 (PCT/CA2016/050426)
[87] (WO2016/165015)
[30] CA (2,887,531) 2015-04-13

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[51] **Int.Cl. A46B 17/06 (2006.01) A45D 44/18 (2006.01) A46B 11/00 (2006.01) A46B 17/00 (2006.01) A47G 29/08 (2006.01) A47K 1/09 (2006.01) A47K 5/18 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HOLDER WITH BRISTLE TREATMENT LIQUID DISPENSER**
[54] **SUPPORT DE BROSSE A DENTS AVEC DISTRIBUTEUR DE LIQUIDE DE TRAITEMENT DE CRINS**
[72] LAMOTHE, DENIS, CA
[72] LAMOTHE, JEAN, CA
[71] MAXOR INC., CA
[85] 2017-09-22
[86] 2016-04-11 (PCT/CA2016/050411)
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[30] US (62/146,292) 2015-04-11
[30] CA (2,887,522) 2015-04-13

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[51] **Int.Cl. G01N 33/46 (2006.01) G01M 99/00 (2011.01) G01N 3/42 (2006.01) G01N 27/04 (2006.01)**
[25] FR
[54] **METROLOGY DEVICE AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE METROLOGIE ET PROCEDE ASSOCIE**
[72] SANDOZ, JEAN-LUC, CH
[72] BENNOIT, YANN, CH
[72] GASSER, JEAN-DANIEL, CH
[71] TECSAN, CH
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[86] 2016-03-18 (PCT/EP2016/056057)
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[30] FR (1552471) 2015-03-24

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[25] EN
[54] **A BINDER COMPOSITION AND A PAINT FORMULATION MADE THEREOF**
[54] **COMPOSITION DE LIANTS ET FORMULATION DE PEINTURE FABRIQUEE A PARTIR DE CETTE DERNIERE**
[72] ZHANG, SHILING, CN
[72] ZUKOWSKI, LUKASZ, AE
[72] WANG, YUJIANG, CN
[72] YUN, DONG, CN
[72] LI, LING, CN
[72] WU, YOUJUN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-09-22
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[25] EN
[54] **ELECTRO-SEPARATION CELL WITH SOLIDS REMOVAL**
[54] **CELLULE A ELECTRO-SEPARATION AVEC ELIMINATION DE MATIERES SOLIDES**
[72] FRISKY, SEAN, CA
[72] BEAUDIN, JASON, CA
[72] LEE, JUSTIN, CA
[72] WOLENSKY, JOEL, CA
[71] GROUND EFFECTS ENVIRONMENTAL SERVICES INC., CA
[85] 2017-09-22
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[25] EN
[54] **CELL FOR INSERTING COMPONENTS INTO A WORKPIECE**
[54] **CELLULE POUR L'INSERTION D'ELEMENTS DANS UNE PIECE A TRAVAILLER**
[72] ANSOLA IRURETA, JULEN, ES
[72] PENA ARRUTI, JAVIER, ES
[72] ORTE SEBASTIAN, JULIAN, ES
[71] GAINDU, S.L., ES
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[51] **Int.Cl. B66B 11/02 (2006.01)**
[25] EN
[54] **ELEVATOR CARRIAGE POSITIONING AND ENCODING SYSTEM AND CONTROL METHOD**
[54] **SYSTEME DE POSITIONNEMENT ET DE CODAGE DE CABINE D'ASCENSEUR ET PROCEDE DE COMMANDE**
[72] ZHU, ZHENCAI, CN
[72] CAO, GUOHUA, CN
[72] WANG, LEI, CN
[72] HUANG, YUHONG, CN
[72] PENG, XINGYU, CN
[72] ZHOU, GONGBO, CN
[72] LI, WEI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR DETERMINING GASTROINTESTINAL TRACT DYSBIOSIS**
[54] **PROCEDE DE DETERMINATION D'UNE DYSBIOSE DU TRACTUS GASTRO-INTESTINAL**
[72] LINDAHL, TORBJORN, NO
[72] KARLSSON, MAGDALENA, NO
[72] SEKELJA, MONIKA, NO
[72] HEGGE, FINN, NO
[71] GENETIC ANALYSIS AS, NO
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[86] 2016-03-24 (PCT/EP2016/056670)
[87] (WO2016/156251)
[30] GB (1505364.8) 2015-03-27

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[51] **Int.Cl. C08G 81/02 (2006.01) C08G 73/02 (2006.01)**
[25] EN
[54] **VESICLES FORMED FROM BLOCK COPOLYMERS, AND NOVEL BLOCK COPOLYMERS**
[54] **VESICULES FORMEES A PARTIR DE COPOLYMERES SEQUENCES ET NOUVEAUX COPOLYMERES SEQUENCES**
[72] GRZELAKOWSKI, MARIUSZ PIOTR, US
[72] KUMAR, MANISH, US
[72] SINES, IAN, US
[71] APPLIED BIOMIMETIC A/S, DK
[71] THE PENN STATE RESEARCH FOUNDATION, US
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[86] 2016-03-24 (PCT/EP2016/056504)
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[30] US (62/137,320) 2015-03-24

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
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[54] **ANTI-CD89 CYTOTOXIC COMPLEX**
[54] **COMPLEXE CYTOTOXIQUE ANTI-CD89**
[72] STEIN, CHRISTOPH, DE
[72] MLADENOV, RADOSLAV, DE
[72] STOCKMEYER, BERNHARD, DE
[72] BARTH, STEFAN, DE
[72] HEIN, LEA CHRISTIN, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN, DE
[85] 2017-09-22
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[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE REMAINING SERVICE LIFE OF A WIND TURBINE**
[54] **PROCEDE SERVANT A DETERMINER LA DUREE DE VIE RESTANTE D'UNE EOLIENNE**
[72] BRENNER, ALBRECHT, DE
[72] ZIEMS, JAN CARSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-09-22
[86] 2016-04-13 (PCT/EP2016/058068)
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[25] EN
[54] **TRACK-INDEXED SYRINGE**
[54] **SERINGUE A PISTE INDEXEE**
[72] TORNSTEN, JONAS, SE
[72] BLOMQVIST, MAX, SE
[71] Q-MED AB, SE
[85] 2017-09-22
[86] 2016-03-24 (PCT/EP2016/056559)
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[30] EP (15160799.1) 2015-03-25

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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HETEROCYCLYLMETHYL-THIENOURACILE AS ANTAGONISTS OF THE ADENOSINE-A2B-RECEPTOR**
[54] **HETEROCYCLYLMETHYLE-THIENOURACILES UTILISES COMME ANTAGONISTES DU RECEPTEUR A2B DE L'ADENOSINE**
[72] HARTER, MICHAEL, DE
[72] KOSEMUND, DIRK, DE
[72] DELBECK, MARTINA, DE
[72] KALTHOF, BERND, DE
[72] WASNAIRE, PIERRE, DE
[72] SUSSMEIER, FRANK, DE
[72] LUSTIG, KLEMENS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-09-22
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[87] (WO2016/150901)
[30] EP (15161165.4) 2015-03-26
[30] EP (15174566.8) 2015-06-30
[30] EP (15184732.4) 2015-09-10

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[51] **Int.Cl. C08F 2/34 (2006.01) B01J 19/24 (2006.01) C08F 6/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE PREPARATION OF A POLYOLEFIN**
[54] **PROCEDE ET INSTALLATION POUR LA PRODUCTION D'UNE POLYOLEFINE**
[72] MEISWINKEL, ANDREAS, DE
[72] FRITZ, HELMUT, DE
[72] ZANDER, HANS-JORG, DE
[72] KIRZINGER, ANTON, DE
[72] FREISINGER, JOSEF, DE
[72] ULUBAY, CAN, DE
[72] HESCH, WALTER, DE
[72] WINKLER, THOMAS, DE
[72] WOHL, ANINA, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **GERANYLGERANYL PYROPHOSPHATE SYNTHASE**
[54] **GERANYLGERANYLE PYROPHOSPHATE SYNTHASE**
[72] LAWRENCE, ADAM G, US
[72] ROYER, JOHN, US
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[54] **DERIVES DE 2-HOMOPIPERAZINE-1-YL-4 H-1,3-BENZOTHIAZINE-4-ONE ET PROCEDE DE PREPARATION DE CHLORHYDRATE DE 2-(HOMO)PIPERAZINE 1,3-BENZOTHIAZINE-4-ONE**
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[72] MAKAROV, VADIM ALBERTOVICH, RU
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[72] MAGER, DIETER, DE
[72] MATNER, MATHIAS, DE
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[54] **PRODUCTION HAUTE DENSITE DE BIOMASSE ET D'HUILE AU MOYEN DE GLYCEROL BRUT**
[72] PURDUE, LAURA, CA
[72] MILWAY, MICHAEL, CA
[72] BERRYMAN, KEVIN, CA
[72] VALENTINE, MERCIA, CA
[72] SUN, ZHIYONG, CA
[72] ARMENTA, ROBERTO E., CA
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[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN TRIPLE VITRAGE ISOLANT**
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[72] SCHREIBER, WALTER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **PROCEDE ET SYSTEME POUR OPTIMISER LE DEPLACEMENT DE PRODUITS A L'AIDE D'UNITES D'ENTRAINEMENT ROBOTIQUES (RDU) DANS UN ENVIRONNEMENT D'ENTREPOT**
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[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION CONTENANT DES GLYCERIDES CONTENANT DU DHA**
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[72] KATAGIRI, KAZUMI, JP
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[54] **FEUILLE ARRIERE DE MODULE SOLAIRE, ET MODULE SOLAIRE**
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[72] IMOTO, KATSUHIKO, JP
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[72] WAKABAYASHI, CHISATO, JP
[72] HAYASHI, KUNIO, JP
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[72] KURIHARA, TAKESHI, JP
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[72] DOI, HIROYUKI, JP
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[72] RIDER, ANDREW JAMES PHILLIP, NZ
[72] GIBSON, ASHLEY CRAIG, NZ
[71] WEDGELOCK EQUIPMENT LIMITED, NZ
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[54] **SYSTEMES ET PROCEDES POUR EXECUTER DES TRANSACTIONS SECURISEES DE MANIERE CRYPTOGRAPHIQUE A L'AIDE DE LA VOIX ET D'UN TRAITEMENT DE LANGAGE NATUREL**
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[54] **MODELE DE CULTURE DU CANCER EN TROIS DIMENSIONS**
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[54] **DISPOSITIF DE PRODUCTION DE CORPS STRUCTUREL ET PROCEDE DE PRODUCTION DE CORPS STRUCTUREL**
[72] KAMIHARA, NOBUYUKI, JP
[72] ABE, TOSHIO, JP
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[72] FUJIHARA, TOSHIYA, JP
[72] GYENES, ALEXANDER, US
[72] HALL, JOHN ANDREW, US
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[72] KUBOYAMA, TAKESHI, JP
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[71] HALKEY-ROBERTS CORPORATION, US
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[71] PARATEK PHARMACEUTICALS, INC., US
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[72] FERGUSON, FRANCIS, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **PROCEDE ET APPAREIL POUR TRANSPORTER ET DIRIGER UNE CHARGE LOURDE**
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[72] CSERGEI, STEVEN ANDREW, US
[71] COLUMBIA TRAILER CO., INC., US
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[54] **SACS ET PROCEDES DE FABRICATION DE SACS**
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[72] LERNER, BERNARD, US
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[71] COOPER TIRE & RUBBER COMPANY, US
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[54] **DISPOSITIFS ET METHODES DE FERMETURE D'APPENDICE AURICULAIRE GAUCHE**
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[72] BRADLEY, ALAN L., US
[72] CLARK, ROBERT L., US
[72] PONG, RUSSELL, US
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[54] **SYSTEME DE REPARATION D'ARTICULATION**
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[72] FERNANDEZ, ROBERT, US
[72] COHEN, NATHANIEL, US
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[72] BROWN, TREG, US
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[72] SARAVIA, HEBER, US
[71] CORACOID SOLUTIONS, LLC, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ARTICULATION POUR CATHETERS ET AUTRES UTILISATIONS**
[72] LABY, KEITH PHILLIP, US
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[72] BARRISH, MARK D, US
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[54] **UTILISATION D'INHIBITEURS DE KIT POUR CONDITIONNER DES PATIENTS EN VUE D'UNE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES (SCH)**
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[72] CHANDRAKASAN, SHANMUGANATHAN, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **PARTIES SUPERIEURES DE TUBES/BOUTEILLES COMPORTANT UNE LUMIERE DE BOUCHON INTEGREE POUR DISTRIBUER DES PORTIONS SUR UNE ZONE CIBLE**
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[72] STAEBEN, ERIN M., US
[71] FLIP-LIGHTS, LLC, US
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[54] **PROTEINES DE FUSION ASSOCIEES A LA FOLLISTATINE ET LEURS UTILISATIONS**
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[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[71] ACCELERON PHARMA INC., US
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[71] MSC ACCESSORIES CORP., US
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[54] **METHODES DE TRAITEMENT DE L'OBESITE ET DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE OU DE LA STEATOHEPATITE NON ALCOOLIQUE A L'AIDE D'ANTICORPS ANTI-RECEPTEUR DE GLUCAGON**
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[72] SHI, JIM, US
[72] OH, JEONG, US
[71] REMD BIOTHERAPEUTICS, INC., US
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[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[72] SHARMA, SANJEEV, US
[72] FLURSCHEIM, CHRISTIAN, US
[72] SRIVASTAVA, CHANDRA, US
[72] SHASTRY, VISHWANATH, US
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[54] **ATTENUATEUR MODAL**
[72] EILERS, DANIEL J., US
[72] FAGERLUND, ALLEN C., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE ET SYSTEME D'IMAGES ECHOGRAPHIQUES ET DE TOMOGRAPHIE ASSISTEE PAR ORDINATEUR**
[72] BEN-LAVI, ELIEZER AZI, CA
[72] FENSTER, AARON, CA
[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC), CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[54] **COMPOSITIONS D'AMPLIFICATEUR POUR PRODUITS CHIMIQUES AGRICOLES ET COMPOSITIONS CHIMIQUES AGRICOLES**
[72] QUINTERO, JOSE ALEJANDRO RODRIGUEZ, CO
[71] IBEX BIONOMICS, LLC, US
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[71] SONY CORPORATION, JP
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[25] EN
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[54] **PROCEDE DE COMMANDE ET DE DECODAGE RECIPROQUE DE BARILLET DE SERRURE DOUBLE POUR SERRURE ET SERRURE A COMMANDE RECIPROQUE A BARILLET DOUBLE**
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[54] **OPTICAL ASSEMBLY WITH TRANSLATABLE CENTERED SLEEVE**
[54] **ENSEMBLE OPTIQUE AVEC MANCHON CENTRE POUVANT EFFECTUER UN MOUVEMENT DE TRANSLATION**
[72] LAMONTAGNE, FREDERIC, CA
[72] DESNOYERS, NICHOLA, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[86] 2016-03-31 (PCT/CA2016/050372)
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[30] US (62/140,639) 2015-03-31

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[54] **MACHINE A RELUCTANCE COMMUTEE AVEC ENROULEMENT TOROIDAL**
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[72] EMADI, ALI, CA
[71] MCMASTER UNIVERSITY, CA
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[30] US (62/143,282) 2015-04-06

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[71] BIOSCEPTRE (UK) LIMITED, GB
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[30] AU (2015901215) 2015-04-02
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[51] **Int.Cl. A61F 9/007 (2006.01)**
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[54] **ULTRASONIC NEEDLES AND TRANSDUCER ASSEMBLIES FORMED OF NON-METAL MATERIALS OR A COMBINATION OF MATERIALS**
[54] **ENSEMBLES TRANSDUCTEUR ET AIGUILLES A ULTRASONS FORMES DE MATERIAUX NON METALLIQUES OU D'UNE COMBINAISON DE MATERIAUX**
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[72] MCCARY, BRIAN D., US
[72] GOH, TOH SENG, US
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[72] BERKMAN, EVAN F., US
[72] MURRAY, BRUCE S., US
[72] ABRAHAM, BRUCE M., US
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[71] SHYU FUU INDUSTRIAL CO., LTD., CN
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[54] **INHIBITEURS DE PDE10 AINSI QUE COMPOSITIONS ET PROCEDES ASSOCIES**
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[72] HARBOL, KEVIN L., US
[72] BOMMAGANI, RAGHURAM, IN
[72] VARAPRASAD BOTLA, DURGA, IN
[72] REDDY KARNATI, LAXMA, IN
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[71] OMEROS CORPORATION, US
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[54] **PREDICTEURS GENETIQUES D'UNE REPONSE A UN TRAITEMENT PAR DES ANTAGONISTES DE CRHR1**
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[71] HMNC VALUE GMBH, DE
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[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ET DE VERIFICATION DES PERSONNES**
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[71] BLACK GOLD COIN, INC., US
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[54] **NOVEL AND USEFUL EDIBLE SALT AND METHODS OF USE AND PRODUCTION THEREOF**
[54] **SEL COMESTIBLE NOUVEAU ET UTILE ET PROCEDES D'UTILISATION ET DE PRODUCTION DE CELUI-CI**
[72] SHALOM, EITAN, IL
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[54] **BLOC DE CATHODE POUR CELLULE ELECTROLYTIQUE CONVENANT POUR LE PROCEDE HALL/HEROULT**
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[72] ZAROUNI, ABDALLA, AE
[71] DUBAI ALUMINIUM PJSC, AE
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[54] **SYSTEMES ET PROCEDES DE GESTION DE RESEAUX DE COMMUNICATION MULTICOUCHES**
[72] GERSTEL, ORNAN ALEXANDER, IL
[71] SEDONASYS SYSTEMS LTD, IL
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[72] DOWNEY, JONATHAN MARK, NZ
[72] COLLINS, JANINE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **PROCEDES ET APPAREILS POUR L'OXYGENATION ET/OU L'ELIMINATION DE CO2**
[72] OLDFIELD, SAMANTHA DALE, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] KEOGH, GERALDINE, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] BARRACLOUGH, MICHAEL, NZ
[72] PAYTON, MATTHEW JON, NZ
[72] HERMEZ, LAITH ADEEB, NZ
[72] BARNES, THOMAS HEINRICH, NZ
[72] WHITE, CRAIG KARL, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
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[54] **CHENILLE ELASTIQUE ET MECANISME D'ENTRAINEMENT DE CHENILLE ELASTIQUE**
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[71] BRIDGESTONE CORPORATION, JP
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[54] **DISPOSITIF DE MANIPULATION DE N□UDS**
[72] HOVLAND, VIDAR, NO
[72] LANGAKER, RAGNAR, NO
[72] STORESUND, JAN ROAR, NO
[71] INAPRIL AS, NO
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[72] JACKSON, JAMES, US
[72] BOSTICK, ANTHONY, US
[71] JACKSON, JAMES, US
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[54] **SOUS-ENSEMBLE AMELIORE**
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[72] PAN, PENG, SG
[72] KWEE, TIAW JOO, SG
[72] TEOW, MARK KIM CHONG, SG
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[54] **COMPOSITIONS SYNERGIQUES D'ACIDE DESHYDROACETIQUE ET PROCEDES POUR REDUIRE LE JAUNISSEMENT DANS DIVERSES COMPOSITIONS D'UTILISATEUR FINAL**
[72] PREMACHANDRAN, RAMAN, US
[72] MEHTA, KALPA, US
[72] GUPTA, JYOTI, US
[72] HAKIMI, NAJEEB H., US
[72] WINKOWSKI, KAREN, US
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[54] **SYSTEME D'AUTO-INJECTION COMPARTIMENTE**
[72] EBERT, TYLER, US
[72] KUEHN, CHRISTOPHER, US
[71] ADRENACARD, INC., US
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[54] **SYSTEMES ET PROCEDES POUR LA GARANTIE D'ACHEMINEMENT DE DONNEES DISTRIBUEES A DES CLIENTS DISTANTS**
[72] MOKHTARI, SASAN, US
[72] SLUTSKER, ILLYA WILLIAM, US
[72] THAKUR, ABHIMANYU, US
[72] GONZALEZ-PEREZ, CARLOS, US
[71] OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC., US
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[71] LAMPLIGHT FARMS INCORPORATED, US
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[54] **GREFFON THERMOCONDUCTEUR**
[72] D'AMBROSIO, RAIMONDO, US
[72] BROWD, SAMUEL R., US
[72] MILLER, JOHN W., US
[72] OJEMANN, JEFFREY G., US
[72] FENDER, JASON, GB
[72] EASTMAN, CLIFFORD L., GB
[72] SMYTH, MATTHEW, GB
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[54] **VITRAGES FEUILLETES AVEC PROTECTION CONTRE L'HUMIDITE AMELIOREE**
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[72] VAN VOORHEES, SETH, US
[72] SLOVAK, STEVEN M., US
[72] SAXE, ROBERT L., US
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[54] **COMPOSITION D'ALIMENT POUR ANIMAUX TRAVERSANT LA PANSE DE TYPE "BY-PASS" ET SON PROCEDE DE FABRICATION**
[72] HOLMA, MERJA BIRGITTA, FI
[72] ARONEN, ILMO PELLERVO, FI
[72] NOCEK, JAMES EDWARD, US
[72] WAN, FENG, US
[72] LONDERGAN, TIMOTHY MARTIN, US
[71] BENEMILK OY, FI
[71] WAN, FENG, US
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[54] **CONCEPTION DE PIPELINE ET SYSTEME DE CONFIGURATION ET PROCEDE ASSOCIE**
[72] FERRI, ARMANDO, II, US
[71] ALEX E. PARIS CONTRACTING CO., INC., US
[85] 2017-09-25
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[54] **DISPOSITIF DE RETENUE DE REVETEMENT ENCLIQUETABLE**
[72] MONTOYA ASHTON, LAURA, US
[72] COLLINS, WILLIAM R., US
[72] LEVINE, CHARLES, US
[72] MCDONALD, DEBRA CHRISTINE, US
[72] MCGREGOR, AARON L., US
[72] SCHULTE, BRADLEY D., US
[72] WILSON, SHANE M., US
[71] HUNTING TITAN, INC., US
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[54] **OPPOSING PISTON SETTING TOOL**
[54] **OUTIL DE POSE A PISTONS DISPOSES EN REGARD**
[72] COVALT, JOHNNY, US
[72] SMITH, RICK, US
[71] HUNTING TITAN, INC., US
[85] 2017-09-25
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[54] **PROCESSES FOR INCREASING EXTRACTION OF ENZYMES FROM ANIMAL FEED AND MEASURING ACTIVITY OF THE SAME**
[54] **PROCEDES POUR AUGMENTER L'EXTRACTION D'ENZYMES D'ALIMENT POUR ANIMAUX ET POUR MESURER LEUR ACTIVITE**
[72] LI, XUEMEI, US
[72] RAAB, R. MICHAEL, US
[71] AGRIVIDA, INC., US
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[54] **METHODS OF PREVENTING AND TREATING AUTOIMMUNITY**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT DE L'AUTO-IMMUNITE**
[72] ANCHORDOQUY, THOMAS J., US
[72] GOTTLIEB, PETER A., US
[72] MICHELS, AARON, US
[72] OSTROV, DAVID, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[71] THE UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INCORPORATED, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND INTERFERING WITH COMPROMISED DEVICES AND UNAUTHORIZED DEVICE RELOCATION IN A COMMUNICATION NETWORK**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE DISPOSITIFS COMPROMIS ET D'INTERFERENCE AVEC CES DERNIERS ET DE RELOCALISATION DE DISPOSITIFS NON AUTORISES DANS UN RESEAU DE COMMUNICATION**
[72] JUNEAU, RENE, CA
[71] MAXXIAN TECHNOLOGY INC., CA
[85] 2017-09-26
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[54] **PANNEAU DE CONSTRUCTION ET PROCEDE DE FABRICATION**
[72] MARSKELL, STEVE, AU
[71] MAGNESIUM OXIDE BOARD CORPORATION PTY LTD, AU
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[54] **UNITES ELECTRIQUES A SURVEILLANCE ELECTRONIQUE A BORD ET PROCEDES ASSOCIES**
[72] MURAHARI, SAIVARAPRASAD, US
[72] DU, LILI, CN
[72] CHEN, JIANGUO, CN
[71] EATON CORPORATION, US
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[54] **PROCEDE D'ATTRIBUTION D'ADRESSE IP DANS UNE COMMUNICATION D2D, ET EQUIPEMENT UTILISATEUR**
[72] ZHOU, RUNZE, CN
[72] SHU, LIN, CN
[72] ZHU, FENQIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SYSTEME POUR FORMER UN MUR EN BETON STRUCTUREL ISOLE**
[72] GOSAIN, SANJIV, AU
[71] AMBE ENGINEERING PTY LTD, AU
[85] 2017-09-26
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[54] **COMPOSITION, PARTICULATE MATERIALS AND METHODS FOR MAKING PARTICULATE MATERIALS.**
[54] **COMPOSITION, MATERIAUX SOUS FORME DE PARTICULES ET PROCEDES DE FABRICATION DE MATERIAUX SOUS FORME DE PARTICULES**
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[54] **FONDATION PAR GRAVITE POUR L'INSTALLATION D'AEROGENERATEURS AU LARGE DES COTES**
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[72] POLIMON OLABARRIETA, CARLOS, ES
[72] GONZALEZ PATINO, NOELIA, ES
[72] VAZQUEZ ROMERO, MIGUEL, ES
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[54] **ANIMAL FEED COMPOSITIONS**
[54] **COMPOSITIONS D'ALIMENTS POUR ANIMAUX**
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[72] LONDERGAN, TIMOTHY MARTIN, US
[71] BENEMILK OY, FI
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[71] LONDERGAN, TIMOTHY MARTIN, US
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[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES ET IMMUNOLOGIQUES**
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[72] PANICHEVA, SVETLANA, US
[72] SCHOCKEMOEHL, CARY, US
[72] SOLOMON, ETHAN, US
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[54] **PROCEDE D'ENREGISTREMENT D'IMAGES PRE-OPERATOIRES D'UN SUJET DANS UN ESPACE DE TRAITEMENT PAR ULTRASONS**
[72] O'REILLY, MEAGHAN, CA
[72] HYNYNEN, KULLERVO, CA
[72] JONES, RYAN, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[54] **ACIER A HAUTE RESISTANCE, TUBE EN ACIER ET LEURS PROCEDES DE FABRICATION**
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[72] SHIMAMURA, JUNJI, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] ENDO, SHIGERU, JP
[71] JFE STEEL CORPORATION, JP
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[54] **STATION DE BASE, TERMINAL, SYSTEME DE COMMUNICATION SANS FIL, PROCEDE DE COMMANDE DE STATION DE BASE ET PROCEDE DE COMMANDE DE TERMINAL**
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
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[72] UCHIDA, MASAYUKI, JP
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[71] MEIJI CO., LTD., JP
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[54] **CATALYSEURS D'ARGENT AYANT UNE TAILLE ET UNE DENSITE DE DISTRIBUTION AMELIOREES DES PARTICULES D'ARGENT**
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[72] RIZKALLA, NABIL, US
[72] ROKICKI, ANDRZEJ, US
[71] SCIENTIFIC DESIGN COMPANY, INC., US
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[54] **SYSTEME GLOBAL DE STOCKAGE ET DE TRANSPORT DE GAZ NATUREL DANS UN MILIEU LIQUIDE D'HYDROCARBURES LEGERS**
[72] HALL, BRUCE, US
[72] MORRIS, IAN, CA
[72] OKIKIOLU, TOLULOPE, US
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[54] **LAMELLE A ELEMENT GRAPHIQUE DESTINE A FORMER UNE BOTTINE DE PATIN**
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[72] DEKOOS, DAVID, US
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[54] **APPAREIL DE SUPPORT POUR DEPLACER UN AGENT DE SOUTENEMENT A PARTIR D'UN RECIPIENT DANS UN SYSTEME DE DECHARGE D'AGENT DE SOUTENEMENT**
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[71] REHRIG PACIFIC COMPANY, US
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[54] **DISPOSITIFS DE LUTTE CONTRE LES INCENDIES DU TYPE A BRUMISATION, SYSTEMES ET PROCEDES**
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[72] LEBLANC, DAVID J., US
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[54] **COMPOSITIONS DE SILICIURE CONTENANT DES METAUX ALCALINS ET LEURS METHODES DE FABRICATION**
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[72] VOGEL, MATT, US
[72] EVINS, SAMUEL E., US
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[54] **COMPOSITIONS IMMUNOGENES ET PROCEDES**
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[72] MARCHAND, PHILIPPE, US
[72] TAYLOR, DAVID M., US
[72] MILICH, ROBERT, JR., US
[72] EVANS, DAVID J., US
[72] CHIA, CHRISTOPHER, US
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[72] GIONTA, MATTHEW, US
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[72] PERRON, LUC, CA
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[54] **SYSTEME, APPAREIL ET PROCEDE POUR LA RECUPERATION DES BILLES DES FLUIDES DE PUITS FORAGE CONTENANT DU SABLE**
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[71] ISOLATION EQUIPMENT SERVICES, INC., CA
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